

A reconstruction of
Peters's table of
logarithms to 6 places
(1921)

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Introduction

Johann Theodor Peters (1869–1941) was a German astronomer and computer of mathematical and astronomical tables. In 1910 and 1911, together with Julius Bauschinger, he published the first widely available 8-place table of logarithms [15]. This work was the basis of many later tables, most of which have been reconstructed by us.¹

The 8-place table was itself based on a 12-place manuscript table, which was again used by Peters in the preparation of a new 7-place table of logarithms of trigonometrical functions for every second of the quadrant and published in 1911 [36].

In 1919, Peters published a table of the logarithms of the trigonometrical functions to 10 places for every thousandth of a degree [42]. This table was based on another 12-place table extracted from Briggs’s table [17].

The 12-place table was in turn used as a basis for two new tables, the present 6-place table, and another one giving the logarithms to seven places [44], both published in 1921, and with an identical layout. Both tables give the logarithms at $0^\circ.001$ intervals. The rounded values had to be recomputed in a few instances.

The main purpose of this new 6-place table was to provide a table with easy interpolation, as the interval between values is only $3.6''$, that is a thousandth of a degree.

Each page gives the four functions sine, cosine, tangent and cotangent for 51 consecutive angular values. The values of the auxiliary functions

$$S = \log \left(\frac{\sin x}{x} \right) + 10 \tag{1}$$

$$T = \log \left(\frac{\tan x}{x} \right) + 10 \tag{2}$$

are given from 0° to $0^\circ.4$, x being in degrees. Differences and interpolation tables are given in certain ranges.

The volume ends with an extensive summary of trigonometric formulæ, as well as methods for solving equations, tables of mathematical and geodetical constants, and a table for the conversion of fractions of degrees into sexagesimal minutes and seconds. These tables have not (yet) been reproduced in our reconstruction. They were reused in Peters’s last published volume in 1941 [57].

¹For more information on Peters’s tables, we refer the reader to our summary [90].

0°.000—0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	*.000
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	.990
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	.980
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	.970
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	.960
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 073	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	.950
	cos		cotg		tang	sin	89°

90°.000—89°.950

Figure 1: Excerpt of Peters's table.

0°200—0°250

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7.542 906	2167	8.241 876	7.542 909	2166	8.241 879	2.457 091	9.999 997	.800
201	7.545 073	2155	8.241 876	7.545 075	2156	8.241 879	2.454 925	9.999 997	799
202	7.547 228	2144	8.241 876	7.547 231	2144	8.241 879	2.452 769	9.999 997	798
203	7.549 372	2135	8.241 876	7.549 375	2134	8.241 879	2.450 625	9.999 997	797
204	7.551 507	2123	8.241 876	7.551 509	2124	8.241 879	2.448 491	9.999 997	796
205	7.553 630	2114	8.241 876	7.553 633	2113	8.241 879	2.446 367	9.999 997	795
206	7.555 744	2103	8.241 876	7.555 746	2104	8.241 879	2.444 254	9.999 997	794
207	7.557 847	2093	8.241 876	7.557 850	2093	8.241 879	2.442 150	9.999 997	793
208	7.559 940	2083	8.241 876	7.559 943	2083	8.241 879	2.440 057	9.999 997	792
209	7.562 023	2073	8.241 876	7.562 026	2073	8.241 879	2.437 974	9.999 997	791
.210	7.564 096	2063	8.241 876	7.564 099	2063	8.241 879	2.435 901	9.999 997	.790
211	7.566 159	2053	8.241 876	7.566 162	2053	8.241 879	2.433 838	9.999 997	789
212	7.568 212	2044	8.241 876	7.568 215	2044	8.241 879	2.431 785	9.999 997	788
213	7.570 256	2034	8.241 876	7.570 259	2034	8.241 879	2.429 741	9.999 997	787
214	7.572 290	2025	8.241 876	7.572 293	2025	8.241 879	2.427 707	9.999 997	786
215	7.574 315	2015	8.241 876	7.574 318	2015	8.241 879	2.425 682	9.999 997	785
216	7.576 330	2006	8.241 876	7.576 333	2006	8.241 879	2.423 667	9.999 997	784
217	7.578 336	1997	8.241 876	7.578 339	1997	8.241 879	2.421 661	9.999 997	783
218	7.580 333	1987	8.241 876	7.580 336	1988	8.241 879	2.419 664	9.999 997	782
219	7.582 320	1979	8.241 876	7.582 324	1978	8.241 879	2.417 676	9.999 997	781
.220	7.584 299	1970	8.241 876	7.584 302	1970	8.241 880	2.415 698	9.999 997	.780
221	7.586 269	1960	8.241 876	7.586 272	1961	8.241 880	2.413 728	9.999 997	779
222	7.588 229	1952	8.241 876	7.588 233	1951	8.241 880	2.411 767	9.999 997	778
223	7.590 181	1943	8.241 876	7.590 184	1944	8.241 880	2.409 816	9.999 997	777
224	7.592 124	1935	8.241 876	7.592 128	1934	8.241 880	2.407 872	9.999 997	776
225	7.594 059	1926	8.241 876	7.594 062	1926	8.241 880	2.405 938	9.999 997	775
226	7.595 985	1917	8.241 876	7.595 988	1917	8.241 880	2.404 012	9.999 997	774
227	7.597 902	1909	8.241 876	7.597 905	1910	8.241 880	2.402 095	9.999 997	773
228	7.599 811	1901	8.241 876	7.599 815	1900	8.241 880	2.400 185	9.999 997	772
229	7.601 712	1892	8.241 876	7.601 715	1893	8.241 880	2.398 285	9.999 997	771
.230	7.603 604	1884	8.241 876	7.603 608	1884	8.241 880	2.396 392	9.999 997	.770
231	7.605 488	1876	8.241 876	7.605 492	1876	8.241 880	2.394 508	9.999 996	769
232	7.607 364	1868	8.241 876	7.607 368	1868	8.241 880	2.392 632	9.999 996	768
233	7.609 232	1860	8.241 876	7.609 236	1860	8.241 880	2.390 764	9.999 996	767
234	7.611 092	1852	8.241 876	7.611 096	1852	8.241 880	2.388 904	9.999 996	766
235	7.612 944	1844	8.241 876	7.612 948	1844	8.241 880	2.387 052	9.999 996	765
236	7.614 788	1836	8.241 876	7.614 792	1836	8.241 880	2.385 208	9.999 996	764
237	7.616 624	1829	8.241 876	7.616 628	1829	8.241 880	2.383 372	9.999 996	763
238	7.618 453	1821	8.241 876	7.618 457	1821	8.241 880	2.381 543	9.999 996	762
239	7.620 274	1813	8.241 876	7.620 278	1813	8.241 880	2.379 722	9.999 996	761
.240	7.622 087	1806	8.241 876	7.622 091	1806	8.241 880	2.377 909	9.999 996	.760
241	7.623 893	1798	8.241 876	7.623 897	1798	8.241 880	2.376 103	9.999 996	759
242	7.625 691	1791	8.241 876	7.625 695	1791	8.241 880	2.374 305	9.999 996	758
243	7.627 482	1784	8.241 876	7.627 486	1784	8.241 880	2.372 514	9.999 996	757
244	7.629 266	1776	8.241 876	7.629 270	1776	8.241 880	2.370 730	9.999 996	756
245	7.631 042	1769	8.241 876	7.631 046	1769	8.241 880	2.368 954	9.999 996	755
246	7.632 811	1762	8.241 876	7.632 815	1762	8.241 880	2.367 185	9.999 996	754
247	7.634 573	1755	8.241 876	7.634 577	1755	8.241 880	2.365 423	9.999 996	753
248	7.636 328	1747	8.241 876	7.636 332	1747	8.241 880	2.363 668	9.999 996	752
249	7.638 075	1741	8.241 876	7.638 079	1741	8.241 880	2.361 921	9.999 996	751
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	.750
	cos	d		cotg	d		tang	sin	89°

89°800—89°750

Figure 2: Excerpt of Peters's table.

0°400—0°450

0°	sin	d	tang	d	cotg	cos	d		P. P.
.400	7.843 934	1084	7.843 944	1085	2.156 056	9.999 989	o	.600	1085 1080 1075
401	7.845 018	1082	7.845 029	1082	2.154 971	9.999 989	o	599	1085 1080 1075
402	7.846 100	1079	7.846 111	1079	2.153 889	9.999 989	o	598	217.0 216.0 215.0
403	7.847 179	1076	7.847 190	1076	2.152 810	9.999 989	o	597	325.5 324.0 322.5
404	7.848 255	1074	7.848 266	1074	2.151 734	9.999 989	o	596	434.0 432.0 430.0
405	7.849 329	1071	7.849 340	1071	2.150 660	9.999 989	o	595	542.5 540.0 537.5
406	7.850 400	1068	7.850 411	1068	2.149 589	9.999 989	o	594	651.0 648.0 645.0
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	o	593	759.5 756.0 752.5
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	o	592	868.0 864.0 860.0
409	7.853 597	1061	7.853 608	1061	2.146 392	9.999 989	o	591	976.5 972.0 967.5
.410	7.854 658	1057	7.854 669	1058	2.145 331	9.999 989	o	.590	1070 1065 1060
411	7.855 715	1056	7.855 727	1055	2.144 273	9.999 989	o	589	107.0 106.5 106.0
412	7.856 771	1053	7.856 782	1053	2.143 218	9.999 989	o	588	214.0 213.0 212.0
413	7.857 824	1050	7.857 835	1050	2.142 165	9.999 989	o	587	321.0 319.5 318.0
414	7.858 874	1048	7.858 885	1048	2.141 115	9.999 989	o	586	428.0 426.0 424.0
415	7.859 922	1045	7.859 933	1045	2.140 067	9.999 989	o	585	535.0 532.5 530.0
416	7.860 967	1043	7.860 978	1043	2.139 022	9.999 989	o	584	642.0 639.0 636.0
417	7.862 010	1040	7.862 021	1040	2.137 979	9.999 988	o	583	749.0 745.5 742.0
418	7.863 050	1038	7.863 061	1038	2.136 939	9.999 988	o	582	856.0 852.0 848.0
419	7.864 088	1035	7.864 099	1035	2.135 901	9.999 988	o	581	963.0 958.5 954.0
.420	7.865 123	1033	7.865 134	1033	2.134 866	9.999 988	o	.580	1055 1050 1045
421	7.866 156	1030	7.866 167	1031	2.133 833	9.999 988	o	579	105.5 105.0 104.5
422	7.867 186	1028	7.867 198	1028	2.132 802	9.999 988	o	578	211.0 210.0 209.0
423	7.868 214	1025	7.868 226	1025	2.131 774	9.999 988	o	577	316.5 315.0 313.5
424	7.869 239	1023	7.869 251	1023	2.130 749	9.999 988	o	576	422.0 420.0 418.0
425	7.870 262	1021	7.870 274	1021	2.129 726	9.999 988	o	575	527.5 525.0 522.5
426	7.871 283	1018	7.871 295	1018	2.128 705	9.999 988	o	574	632.0 630.0 627.0
427	7.872 301	1016	7.872 313	1016	2.127 687	9.999 988	o	573	738.5 735.0 731.5
428	7.873 317	1014	7.873 329	1014	2.126 671	9.999 988	o	572	844.0 840.0 836.0
429	7.874 331	1011	7.874 343	1011	2.125 657	9.999 988	o	571	949.5 945.0 940.5
.430	7.875 342	1009	7.875 354	1009	2.124 646	9.999 988	o	.570	1040 1030 1020
431	7.876 351	1006	7.876 363	1006	2.123 637	9.999 988	o	569	104.0 103.0 102.0
432	7.877 357	1004	7.877 369	1005	2.122 631	9.999 988	o	568	208.0 206.0 204.0
433	7.878 361	1002	7.878 374	1001	2.121 626	9.999 988	o	567	309.0 306.0 303.0
434	7.879 363	999	7.879 375	999	2.120 625	9.999 988	o	566	416.0 412.0 408.0
435	7.880 362	998	7.880 375	997	2.119 625	9.999 987	o	565	520.0 515.0 510.0
436	7.881 360	995	7.881 372	995	2.118 628	9.999 987	o	564	624.0 618.0 612.0
437	7.882 355	992	7.882 367	993	2.117 633	9.999 987	o	563	728.0 721.0 714.0
438	7.883 347	991	7.883 360	990	2.116 640	9.999 987	o	562	832.0 824.0 816.0
439	7.884 338	988	7.884 350	989	2.115 650	9.999 987	o	561	936.0 927.0 918.0
.440	7.885 326	986	7.885 339	986	2.114 661	9.999 987	o	.560	1010 1000 995
441	7.886 312	983	7.886 325	983	2.113 675	9.999 987	o	559	101.0 100.0 99.5
442	7.887 295	982	7.887 308	982	2.112 692	9.999 987	o	558	202.0 200.0 199.0
443	7.888 277	979	7.888 290	979	2.111 710	9.999 987	o	557	303.0 300.0 298.5
444	7.889 256	977	7.889 269	977	2.110 731	9.999 987	o	556	404.0 400.0 398.0
445	7.890 233	975	7.890 246	975	2.109 754	9.999 987	o	555	505.0 500.0 497.5
446	7.891 208	972	7.891 221	973	2.108 779	9.999 987	o	554	606.0 600.0 597.0
447	7.892 180	971	7.892 194	970	2.107 806	9.999 987	o	553	707.0 700.0 696.5
448	7.893 151	968	7.893 164	969	2.106 836	9.999 987	o	552	808.0 800.0 796.0
449	7.894 119	966	7.894 133	966	2.105 867	9.999 987	o	551	909.0 900.0 895.5
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550	990 985 980
88	cos	d	cotg	d	tang	sin	d	89°	P. P.

89°600—89°550

Figure 3: Excerpt of Peters's table.

38°.250—38°.300

38°	sin	d	tang	d	cotg	cos	d	P. P.
.250	9.791 757	9	9.896 712	15	0.103 288	9.895 045	6	.750
251	9.791 766	10	9.896 727	16	0.103 273	9.895 039	6	749
252	9.791 776	10	9.896 743	16	0.103 257	9.895 033	6	748
253	9.791 785	9	9.896 758	15	0.103 242	9.895 027	6	747
254	9.791 795	10	9.896 774	16	0.103 226	9.895 021	6	746
255	9.791 805	9	9.896 790	15	0.103 210	9.895 015	6	745
256	9.791 814	10	9.896 805	16	0.103 195	9.895 009	6	744
257	9.791 824	9	9.896 821	15	0.103 179	9.895 003	6	743
258	9.791 833	10	9.896 836	16	0.103 164	9.894 997	6	742
259	9.791 843	10	9.896 852	15	0.103 148	9.894 991	6	741
.260	9.791 853	9	9.896 867	16	0.103 133	9.894 985	6	.740
261	9.791 862	10	9.896 883	16	0.103 117	9.894 979	6	739
262	9.791 872	10	9.896 899	16	0.103 101	9.894 973	6	738
263	9.791 882	9	9.896 914	15	0.103 086	9.894 967	6	737
264	9.791 891	10	9.896 930	15	0.103 070	9.894 961	6	736
265	9.791 901	9	9.896 945	16	0.103 055	9.894 955	6	735
266	9.791 910	10	9.896 961	16	0.103 039	9.894 949	6	734
267	9.791 920	10	9.896 977	15	0.103 023	9.894 943	6	733
268	9.791 930	9	9.896 992	16	0.103 008	9.894 937	6	732
269	9.791 939	10	9.897 008	15	0.102 992	9.894 931	6	731
.270	9.791 949	9	9.897 023	16	0.102 977	9.894 925	6	.730
271	9.791 958	10	9.897 039	16	0.102 961	9.894 919	6	729
272	9.791 968	10	9.897 055	16	0.102 945	9.894 913	6	728
273	9.791 978	9	9.897 070	15	0.102 930	9.894 907	6	727
274	9.791 987	10	9.897 086	15	0.102 914	9.894 901	5	726
275	9.791 997	9	9.897 101	16	0.102 899	9.894 896	6	725
276	9.792 006	10	9.897 117	15	0.102 883	9.894 890	6	724
277	9.792 016	10	9.897 132	16	0.102 868	9.894 884	6	723
278	9.792 026	9	9.897 148	16	0.102 852	9.894 878	6	722
279	9.792 035	10	9.897 164	15	0.102 836	9.894 872	6	721
.280	9.792 045	9	9.897 179	16	0.102 821	9.894 866	6	.720
281	9.792 054	10	9.897 195	15	0.102 805	9.894 860	6	719
282	9.792 064	10	9.897 210	16	0.102 790	9.894 854	6	718
283	9.792 074	9	9.897 226	16	0.102 774	9.894 848	6	717
284	9.792 083	10	9.897 242	15	0.102 758	9.894 842	6	716
285	9.792 093	9	9.897 257	16	0.102 743	9.894 836	6	715
286	9.792 102	10	9.897 273	15	0.102 727	9.894 830	6	714
287	9.792 112	10	9.897 288	16	0.102 712	9.894 824	6	713
288	9.792 122	9	9.897 304	16	0.102 696	9.894 818	6	712
289	9.792 131	10	9.897 320	15	0.102 680	9.894 812	6	711
.290	9.792 141	9	9.897 335	16	0.102 665	9.894 806	6	.710
291	9.792 150	10	9.897 351	15	0.102 649	9.894 800	6	709
292	9.792 160	10	9.897 366	16	0.102 634	9.894 794	6	708
293	9.792 170	9	9.897 382	15	0.102 618	9.894 788	6	707
294	9.792 179	10	9.897 397	16	0.102 603	9.894 782	6	706
295	9.792 189	9	9.897 413	16	0.102 587	9.894 776	6	705
296	9.792 198	10	9.897 429	15	0.102 571	9.894 770	6	704
297	9.792 208	10	9.897 444	16	0.102 556	9.894 764	6	703
298	9.792 218	9	9.897 460	15	0.102 540	9.894 758	6	702
299	9.792 227	10	9.897 475	16	0.102 525	9.894 752	6	701
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700
	cos	d	cotg	d	tang	sin	d	51°
								P. P.

51°.750—51°.700

Figure 4: Excerpt of Peters's table.

References

The following list covers the most important references² related to Peters’s table. Not all items of this list are mentioned in the text, and the sources which have not been seen are marked so. We have added notes about the contents of the articles in certain cases.

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²**Note on the titles of the works:** Original titles come with many idiosyncrasies and features (line splitting, size, fonts, etc.) which can often not be reproduced in a list of references. It has therefore seemed pointless to capitalize works according to conventions which not only have no relation with the original work, but also do not restore the title entirely. In the following list of references, most title words (except in German) will therefore be left uncapitalized. The names of the authors have also been homogenized and initials expanded, as much as possible.

The reader should keep in mind that this list is not meant as a facsimile of the original works. The original style information could no doubt have been added as a note, but we have not done it here.

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Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.000 — 0°.050

0°	sin	S	tang	T	cotg	cos	
.000	—	8.241 877	—	8.241 877	—	0.000 000	*.000
001	5.241 877	8.241 877	5.241 877	8.241 877	4.758 123	0.000 000	999
002	5.542 907	8.241 877	5.542 907	8.241 877	4.457 093	0.000 000	998
003	5.718 999	8.241 877	5.718 999	8.241 877	4.281 001	0.000 000	997
004	5.843 937	8.241 877	5.843 937	8.241 877	4.156 063	0.000 000	996
005	5.940 847	8.241 877	5.940 847	8.241 877	4.059 153	0.000 000	995
006	6.020 029	8.241 877	6.020 029	8.241 877	3.979 971	0.000 000	994
007	6.086 975	8.241 877	6.086 975	8.241 877	3.913 025	0.000 000	993
008	6.144 967	8.241 877	6.144 967	8.241 877	3.855 033	0.000 000	992
009	6.196 120	8.241 877	6.196 120	8.241 877	3.803 880	0.000 000	991
.010	6.241 877	8.241 877	6.241 877	8.241 877	3.758 123	0.000 000	.990
011	6.283 270	8.241 877	6.283 270	8.241 877	3.716 730	0.000 000	989
012	6.321 059	8.241 877	6.321 059	8.241 877	3.678 941	0.000 000	988
013	6.355 821	8.241 877	6.355 821	8.241 877	3.644 179	0.000 000	987
014	6.388 005	8.241 877	6.388 005	8.241 877	3.611 995	0.000 000	986
015	6.417 969	8.241 877	6.417 969	8.241 877	3.582 031	0.000 000	985
016	6.445 997	8.241 877	6.445 997	8.241 877	3.554 003	0.000 000	984
017	6.472 326	8.241 877	6.472 326	8.241 877	3.527 674	0.000 000	983
018	6.497 150	8.241 877	6.497 150	8.241 877	3.502 850	0.000 000	982
019	6.520 631	8.241 877	6.520 631	8.241 877	3.479 369	0.000 000	981
.020	6.542 907	8.241 877	6.542 907	8.241 877	3.457 093	0.000 000	.980
021	6.564 097	8.241 877	6.564 097	8.241 877	3.435 903	0.000 000	979
022	6.584 300	8.241 877	6.584 300	8.241 877	3.415 700	0.000 000	978
023	6.603 605	8.241 877	6.603 605	8.241 877	3.396 395	0.000 000	977
024	6.622 089	8.241 877	6.622 089	8.241 877	3.377 911	0.000 000	976
025	6.639 817	8.241 877	6.639 817	8.241 877	3.360 183	0.000 000	975
026	6.656 851	8.241 877	6.656 851	8.241 877	3.343 149	0.000 000	974
027	6.673 241	8.241 877	6.673 241	8.241 877	3.326 759	0.000 000	973
028	6.689 035	8.241 877	6.689 035	8.241 877	3.310 965	0.000 000	972
029	6.704 275	8.241 877	6.704 275	8.241 877	3.295 725	0.000 000	971
.030	6.718 999	8.241 877	6.718 999	8.241 877	3.281 001	0.000 000	.970
031	6.733 239	8.241 877	6.733 239	8.241 877	3.266 761	0.000 000	969
032	6.747 027	8.241 877	6.747 027	8.241 877	3.252 973	0.000 000	968
033	6.760 391	8.241 877	6.760 391	8.241 877	3.239 609	0.000 000	967
034	6.773 356	8.241 877	6.773 356	8.241 877	3.226 644	0.000 000	966
035	6.785 945	8.241 877	6.785 945	8.241 877	3.214 055	0.000 000	965
036	6.798 180	8.241 877	6.798 180	8.241 877	3.201 820	0.000 000	964
037	6.810 079	8.241 877	6.810 079	8.241 877	3.189 921	0.000 000	963
038	6.821 661	8.241 877	6.821 661	8.241 877	3.178 339	0.000 000	962
039	6.832 942	8.241 877	6.832 942	8.241 877	3.167 058	0.000 000	961
.040	6.843 937	8.241 877	6.843 937	8.241 877	3.156 063	0.000 000	.960
041	6.854 661	8.241 877	6.854 661	8.241 877	3.145 339	0.000 000	959
042	6.865 127	8.241 877	6.865 127	8.241 877	3.134 873	0.000 000	958
043	6.875 346	8.241 877	6.875 346	8.241 877	3.124 654	0.000 000	957
044	6.885 330	8.241 877	6.885 330	8.241 877	3.114 670	0.000 000	956
045	6.895 090	8.241 877	6.895 090	8.241 877	3.104 910	0.000 000	955
046	6.904 635	8.241 877	6.904 635	8.241 877	3.095 365	0.000 000	954
047	6.913 975	8.241 877	6.913 975	8.241 877	3.086 025	0.000 000	953
048	6.923 119	8.241 877	6.923 119	8.241 877	3.076 881	0.000 000	952
049	6.932 073	8.241 877	6.932 074	8.241 877	3.067 926	0.000 000	951
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	.950
	cos		cotg		tang	sin	89°

90°.000 — 89°.950

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.050 — 0°.100

0°	sin	S	tang	T	cotg	cos	
.050	6.940 847	8.241 877	6.940 847	8.241 877	3.059 153	0.000 000	.950
051	6.949 447	8.241 877	6.949 448	8.241 877	3.050 552	0.000 000	949
052	6.957 881	8.241 877	6.957 881	8.241 877	3.042 119	0.000 000	948
053	6.966 153	8.241 877	6.966 153	8.241 877	3.033 847	0.000 000	947
054	6.974 271	8.241 877	6.974 271	8.241 877	3.025 729	0.000 000	946
055	6.982 240	8.241 877	6.982 240	8.241 878	3.017 760	0.000 000	945
056	6.990 065	8.241 877	6.990 066	8.241 878	3.009 934	0.000 000	944
057	6.997 752	8.241 877	6.997 752	8.241 878	3.002 248	0.000 000	943
058	7.005 305	8.241 877	7.005 306	8.241 878	2.994 694	0.000 000	942
059	7.012 729	8.241 877	7.012 730	8.241 878	2.987 270	0.000 000	941
.060	7.020 029	8.241 877	7.020 029	8.241 878	2.979 971	0.000 000	.940
061	7.027 207	8.241 877	7.027 207	8.241 878	2.972 793	0.000 000	939
062	7.034 269	8.241 877	7.034 269	8.241 878	2.965 731	0.000 000	938
063	7.041 218	8.241 877	7.041 218	8.241 878	2.958 782	0.000 000	937
064	7.048 057	8.241 877	7.048 058	8.241 878	2.951 942	0.000 000	936
065	7.054 791	8.241 877	7.054 791	8.241 878	2.945 209	0.000 000	935
066	7.061 421	8.241 877	7.061 421	8.241 878	2.938 579	0.000 000	934
067	7.067 952	8.241 877	7.067 952	8.241 878	2.932 048	0.000 000	933
068	7.074 386	8.241 877	7.074 386	8.241 878	2.925 614	0.000 000	932
069	7.080 726	8.241 877	7.080 727	8.241 878	2.919 273	0.000 000	931
.070	7.086 975	8.241 877	7.086 976	8.241 878	2.913 024	0.000 000	.930
071	7.093 136	8.241 877	7.093 136	8.241 878	2.906 864	0.000 000	929
072	7.099 210	8.241 877	7.099 210	8.241 878	2.900 790	0.000 000	928
073	7.105 200	8.241 877	7.105 200	8.241 878	2.894 800	0.000 000	927
074	7.111 109	8.241 877	7.111 109	8.241 878	2.888 891	0.000 000	926
075	7.116 939	8.241 877	7.116 939	8.241 878	2.883 061	0.000 000	925
076	7.122 691	8.241 877	7.122 691	8.241 878	2.877 309	0.000 000	924
077	7.128 368	8.241 877	7.128 368	8.241 878	2.871 632	0.000 000	923
078	7.133 972	8.241 877	7.133 972	8.241 878	2.866 028	0.000 000	922
079	7.139 504	8.241 877	7.139 505	8.241 878	2.860 495	0.000 000	921
.080	7.144 967	8.241 877	7.144 968	8.241 878	2.855 032	0.000 000	.920
081	7.150 362	8.241 877	7.150 363	8.241 878	2.849 637	0.000 000	919
082	7.155 691	8.241 877	7.155 692	8.241 878	2.844 308	0.000 000	918
083	7.160 955	8.241 877	7.160 956	8.241 878	2.839 044	0.000 000	917
084	7.166 156	8.241 877	7.166 157	8.241 878	2.833 843	0.000 000	916
085	7.171 296	8.241 877	7.171 297	8.241 878	2.828 703	0.000 000	915
086	7.176 376	8.241 877	7.176 376	8.241 878	2.823 624	0.000 000	914
087	7.181 396	8.241 877	7.181 397	8.241 878	2.818 603	9.999 999	913
088	7.186 360	8.241 877	7.186 360	8.241 878	2.813 640	9.999 999	912
089	7.191 267	8.241 877	7.191 268	8.241 878	2.808 732	9.999 999	911
.090	7.196 120	8.241 877	7.196 120	8.241 878	2.803 880	9.999 999	.910
091	7.200 919	8.241 877	7.200 919	8.241 878	2.799 081	9.999 999	909
092	7.205 665	8.241 877	7.205 666	8.241 878	2.794 334	9.999 999	908
093	7.210 360	8.241 877	7.210 361	8.241 878	2.789 639	9.999 999	907
094	7.215 005	8.241 877	7.215 006	8.241 878	2.784 994	9.999 999	906
095	7.219 601	8.241 877	7.219 601	8.241 878	2.780 399	9.999 999	905
096	7.224 148	8.241 877	7.224 149	8.241 878	2.775 851	9.999 999	904
097	7.228 649	8.241 877	7.228 650	8.241 878	2.771 350	9.999 999	903
098	7.233 103	8.241 877	7.233 104	8.241 878	2.766 896	9.999 999	902
099	7.237 512	8.241 877	7.237 513	8.241 878	2.762 487	9.999 999	901
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	.900
	cos		cotg		tang	sin	89°

89°.950 — 89°.900

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.100 — 0°.150

0°	sin	S	tang	T	cotg	cos	
.100	7.241 877	8.241 877	7.241 878	8.241 878	2.758 122	9.999 999	.900
101	7.246 199	8.241 877	7.246 199	8.241 878	2.753 801	9.999 999	899
102	7.250 477	8.241 877	7.250 478	8.241 878	2.749 522	9.999 999	898
103	7.254 714	8.241 877	7.254 715	8.241 878	2.745 285	9.999 999	897
104	7.258 910	8.241 877	7.258 911	8.241 878	2.741 089	9.999 999	896
105	7.263 066	8.241 877	7.263 067	8.241 878	2.736 933	9.999 999	895
106	7.267 183	8.241 877	7.267 184	8.241 878	2.732 816	9.999 999	894
107	7.271 261	8.241 877	7.271 262	8.241 878	2.728 738	9.999 999	893
108	7.275 301	8.241 877	7.275 302	8.241 878	2.724 698	9.999 999	892
109	7.279 304	8.241 877	7.279 304	8.241 878	2.720 696	9.999 999	891
.110	7.283 270	8.241 877	7.283 271	8.241 878	2.716 729	9.999 999	.890
111	7.287 200	8.241 877	7.287 201	8.241 878	2.712 799	9.999 999	889
112	7.291 095	8.241 877	7.291 096	8.241 878	2.708 904	9.999 999	888
113	7.294 956	8.241 877	7.294 956	8.241 878	2.705 044	9.999 999	887
114	7.298 782	8.241 877	7.298 783	8.241 878	2.701 217	9.999 999	886
115	7.302 575	8.241 877	7.302 576	8.241 878	2.697 424	9.999 999	885
116	7.306 335	8.241 877	7.306 336	8.241 878	2.693 664	9.999 999	884
117	7.310 063	8.241 877	7.310 064	8.241 878	2.689 936	9.999 999	883
118	7.313 759	8.241 877	7.313 760	8.241 878	2.686 240	9.999 999	882
119	7.317 424	8.241 877	7.317 425	8.241 878	2.682 575	9.999 999	881
.120	7.321 058	8.241 877	7.321 059	8.241 878	2.678 941	9.999 999	.880
121	7.324 662	8.241 877	7.324 663	8.241 878	2.675 337	9.999 999	879
122	7.328 237	8.241 877	7.328 238	8.241 878	2.671 762	9.999 999	878
123	7.331 782	8.241 877	7.331 783	8.241 878	2.668 217	9.999 999	877
124	7.335 299	8.241 877	7.335 300	8.241 878	2.664 700	9.999 999	876
125	7.338 787	8.241 877	7.338 788	8.241 878	2.661 212	9.999 999	875
126	7.342 248	8.241 877	7.342 249	8.241 878	2.657 751	9.999 999	874
127	7.345 681	8.241 877	7.345 682	8.241 878	2.654 318	9.999 999	873
128	7.349 087	8.241 877	7.349 088	8.241 878	2.650 912	9.999 999	872
129	7.352 467	8.241 877	7.352 468	8.241 878	2.647 532	9.999 999	871
.130	7.355 820	8.241 877	7.355 821	8.241 878	2.644 179	9.999 999	.870
131	7.359 148	8.241 877	7.359 149	8.241 878	2.640 851	9.999 999	869
132	7.362 451	8.241 877	7.362 452	8.241 878	2.637 548	9.999 999	868
133	7.365 729	8.241 877	7.365 730	8.241 878	2.634 270	9.999 999	867
134	7.368 982	8.241 877	7.368 983	8.241 878	2.631 017	9.999 999	866
135	7.372 211	8.241 877	7.372 212	8.241 878	2.627 788	9.999 999	865
136	7.375 416	8.241 877	7.375 417	8.241 878	2.624 583	9.999 999	864
137	7.378 598	8.241 877	7.378 599	8.241 878	2.621 401	9.999 999	863
138	7.381 756	8.241 877	7.381 757	8.241 878	2.618 243	9.999 999	862
139	7.384 892	8.241 877	7.384 893	8.241 878	2.615 107	9.999 999	861
.140	7.388 005	8.241 877	7.388 006	8.241 878	2.611 994	9.999 999	.860
141	7.391 096	8.241 877	7.391 097	8.241 878	2.608 903	9.999 999	859
142	7.394 165	8.241 877	7.394 167	8.241 878	2.605 833	9.999 999	858
143	7.397 213	8.241 877	7.397 214	8.241 878	2.602 786	9.999 999	857
144	7.400 239	8.241 877	7.400 241	8.241 878	2.599 759	9.999 999	856
145	7.403 245	8.241 877	7.403 246	8.241 878	2.596 754	9.999 999	855
146	7.406 230	8.241 877	7.406 231	8.241 878	2.593 769	9.999 999	854
147	7.409 194	8.241 877	7.409 196	8.241 878	2.590 804	9.999 999	853
148	7.412 139	8.241 877	7.412 140	8.241 878	2.587 860	9.999 999	852
149	7.415 063	8.241 877	7.415 065	8.241 878	2.584 935	9.999 999	851
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	.850
	cos		cotg		tang	sin	89°

89°.900 — 89°.850

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

 $0^\circ.150 - 0^\circ.200$

0°	sin	S	tang	T	cotg	cos	
.150	7.417 968	8.241 877	7.417 970	8.241 878	2.582 030	9.999 999	.850
151	7.420 854	8.241 877	7.420 855	8.241 878	2.579 145	9.999 998	849
152	7.423 720	8.241 877	7.423 722	8.241 878	2.576 278	9.999 998	848
153	7.426 568	8.241 877	7.426 570	8.241 878	2.573 430	9.999 998	847
154	7.429 398	8.241 877	7.429 399	8.241 878	2.570 601	9.999 998	846
155	7.432 209	8.241 877	7.432 210	8.241 878	2.567 790	9.999 998	845
156	7.435 001	8.241 877	7.435 003	8.241 878	2.564 997	9.999 998	844
157	7.437 776	8.241 877	7.437 778	8.241 878	2.562 222	9.999 998	843
158	7.440 534	8.241 877	7.440 536	8.241 878	2.559 464	9.999 998	842
159	7.443 274	8.241 877	7.443 276	8.241 878	2.556 724	9.999 998	841
.160	7.445 997	8.241 877	7.445 998	8.241 878	2.554 002	9.999 998	.840
161	7.448 703	8.241 877	7.448 704	8.241 879	2.551 296	9.999 998	839
162	7.451 392	8.241 877	7.451 394	8.241 879	2.548 606	9.999 998	838
163	7.454 064	8.241 877	7.454 066	8.241 879	2.545 934	9.999 998	837
164	7.456 721	8.241 877	7.456 722	8.241 879	2.543 278	9.999 998	836
165	7.459 361	8.241 877	7.459 363	8.241 879	2.540 637	9.999 998	835
166	7.461 985	8.241 877	7.461 987	8.241 879	2.538 013	9.999 998	834
167	7.464 593	8.241 877	7.464 595	8.241 879	2.535 405	9.999 998	833
168	7.467 186	8.241 877	7.467 188	8.241 879	2.532 812	9.999 998	832
169	7.469 763	8.241 877	7.469 765	8.241 879	2.530 235	9.999 998	831
.170	7.472 326	8.241 877	7.472 328	8.241 879	2.527 672	9.999 998	.830
171	7.474 873	8.241 877	7.474 875	8.241 879	2.525 125	9.999 998	829
172	7.477 405	8.241 877	7.477 407	8.241 879	2.522 593	9.999 998	828
173	7.479 923	8.241 877	7.479 925	8.241 879	2.520 075	9.999 998	827
174	7.482 426	8.241 877	7.482 428	8.241 879	2.517 572	9.999 998	826
175	7.484 915	8.241 877	7.484 917	8.241 879	2.515 083	9.999 998	825
176	7.487 389	8.241 877	7.487 391	8.241 879	2.512 609	9.999 998	824
177	7.489 850	8.241 877	7.489 852	8.241 879	2.510 148	9.999 998	823
178	7.492 297	8.241 877	7.492 299	8.241 879	2.507 701	9.999 998	822
179	7.494 730	8.241 877	7.494 732	8.241 879	2.505 268	9.999 998	821
.180	7.497 149	8.241 877	7.497 151	8.241 879	2.502 849	9.999 998	.820
181	7.499 555	8.241 877	7.499 557	8.241 879	2.500 443	9.999 998	819
182	7.501 948	8.241 877	7.501 950	8.241 879	2.498 050	9.999 998	818
183	7.504 328	8.241 877	7.504 330	8.241 879	2.495 670	9.999 998	817
184	7.506 694	8.241 877	7.506 697	8.241 879	2.493 303	9.999 998	816
185	7.509 048	8.241 877	7.509 051	8.241 879	2.490 949	9.999 998	815
186	7.511 390	8.241 877	7.511 392	8.241 879	2.488 608	9.999 998	814
187	7.513 718	8.241 877	7.513 721	8.241 879	2.486 279	9.999 998	813
188	7.516 034	8.241 877	7.516 037	8.241 879	2.483 963	9.999 998	812
189	7.518 338	8.241 877	7.518 341	8.241 879	2.481 659	9.999 998	811
.190	7.520 630	8.241 877	7.520 633	8.241 879	2.479 367	9.999 998	.810
191	7.522 910	8.241 877	7.522 912	8.241 879	2.477 088	9.999 998	809
192	7.525 178	8.241 877	7.525 180	8.241 879	2.474 820	9.999 998	808
193	7.527 434	8.241 877	7.527 436	8.241 879	2.472 564	9.999 998	807
194	7.529 678	8.241 877	7.529 681	8.241 879	2.470 319	9.999 998	806
195	7.531 911	8.241 877	7.531 914	8.241 879	2.468 086	9.999 997	805
196	7.534 133	8.241 877	7.534 135	8.241 879	2.465 865	9.999 997	804
197	7.536 343	8.241 877	7.536 345	8.241 879	2.463 655	9.999 997	803
198	7.538 542	8.241 877	7.538 544	8.241 879	2.461 456	9.999 997	802
199	7.540 730	8.241 876	7.540 732	8.241 879	2.459 268	9.999 997	801
.200	7.542 906	8.241 876	7.542 909	8.241 879	2.457 091	9.999 997	.800
	cos		cotg		tang	sin	89°

 $89^\circ.850 - 89^\circ.800$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

 $0^{\circ}.200 - 0^{\circ}.250$

0°	sin	d	S	tang	d	T	cotg	cos	
.200	7.542 906		8.241 876	7.542 909		8.241 879	2.457 091	9.999 997	.800
201	7.545 073	2167	8.241 876	7.545 075	2166	8.241 879	2.454 925	9.999 997	799
202	7.547 228	2155	8.241 876	7.547 231	2156	8.241 879	2.452 769	9.999 997	798
203	7.549 372	2144	8.241 876	7.549 375	2144	8.241 879	2.450 625	9.999 997	797
		2135	8.241 876	7.551 509	2134	8.241 879	2.448 491	9.999 997	796
204	7.551 507	2123	8.241 876	7.553 633	2124	8.241 879	2.446 367	9.999 997	795
205	7.553 630	2114	8.241 876	7.555 746	2113	8.241 879	2.444 254	9.999 997	794
206	7.555 744	2103	8.241 876	7.557 850	2104	8.241 879	2.442 150	9.999 997	793
207	7.557 847	2093	8.241 876	7.559 943	2093	8.241 879	2.440 057	9.999 997	792
208	7.559 940	2083	8.241 876	7.562 026	2083	8.241 879	2.437 974	9.999 997	791
209	7.562 023	2073	8.241 876	7.564 099	2073	8.241 879	2.435 901	9.999 997	.790
.210	7.564 096	2063	8.241 876	7.566 162	2063	8.241 879	2.433 838	9.999 997	789
211	7.566 159	2053	8.241 876	7.568 215	2053	8.241 879	2.431 785	9.999 997	788
212	7.568 212	2044	8.241 876	7.570 259	2044	8.241 879	2.429 741	9.999 997	787
213	7.570 256	2034	8.241 876	7.572 293	2034	8.241 879	2.427 707	9.999 997	786
214	7.572 290	2025	8.241 876	7.574 318	2025	8.241 879	2.425 682	9.999 997	785
215	7.574 315	2015	8.241 876	7.576 333	2015	8.241 879	2.423 667	9.999 997	784
216	7.576 330	2006	8.241 876	7.578 339	2006	8.241 879	2.421 661	9.999 997	783
217	7.578 336	1997	8.241 876	7.580 336	1997	8.241 879	2.419 664	9.999 997	782
218	7.580 333	1987	8.241 876	7.582 324	1988	8.241 879	2.417 676	9.999 997	781
219	7.582 320	1979	8.241 876	7.584 302	1978	8.241 880	2.415 698	9.999 997	.780
.220	7.584 299	1970	8.241 876	7.586 272	1970	8.241 880	2.413 728	9.999 997	779
221	7.586 269	1960	8.241 876	7.588 233	1961	8.241 880	2.411 767	9.999 997	778
222	7.588 229	1952	8.241 876	7.590 184	1951	8.241 880	2.409 816	9.999 997	777
223	7.590 181	1943	8.241 876	7.592 128	1944	8.241 880	2.407 872	9.999 997	776
224	7.592 124	1935	8.241 876	7.594 062	1934	8.241 880	2.405 938	9.999 997	775
225	7.594 059	1926	8.241 876	7.595 988	1926	8.241 880	2.404 012	9.999 997	774
226	7.595 985	1917	8.241 876	7.597 905	1917	8.241 880	2.402 095	9.999 997	773
227	7.597 902	1909	8.241 876	7.599 815	1910	8.241 880	2.400 185	9.999 997	772
228	7.599 811	1901	8.241 876	7.601 715	1900	8.241 880	2.398 285	9.999 997	771
229	7.601 712	1892	8.241 876	7.603 608	1893	8.241 880	2.396 392	9.999 997	.770
.230	7.603 604	1884	8.241 876	7.605 492	1884	8.241 880	2.394 508	9.999 996	769
231	7.605 488	1876	8.241 876	7.607 368	1876	8.241 880	2.392 632	9.999 996	768
232	7.607 364	1868	8.241 876	7.609 236	1868	8.241 880	2.390 764	9.999 996	767
233	7.609 232	1860	8.241 876	7.611 096	1860	8.241 880	2.388 904	9.999 996	766
234	7.611 092	1852	8.241 876	7.612 948	1852	8.241 880	2.387 052	9.999 996	765
235	7.612 944	1844	8.241 876	7.614 792	1844	8.241 880	2.385 208	9.999 996	764
236	7.614 788	1836	8.241 876	7.616 628	1836	8.241 880	2.383 372	9.999 996	763
237	7.616 624	1829	8.241 876	7.618 457	1829	8.241 880	2.381 543	9.999 996	762
238	7.618 453	1821	8.241 876	7.620 278	1821	8.241 880	2.379 722	9.999 996	761
239	7.620 274	1813	8.241 876	7.622 091	1813	8.241 880	2.377 909	9.999 996	.760
.240	7.622 087	1806	8.241 876	7.623 897	1806	8.241 880	2.376 103	9.999 996	759
241	7.623 893	1798	8.241 876	7.625 695	1798	8.241 880	2.374 305	9.999 996	758
242	7.625 691	1791	8.241 876	7.627 486	1791	8.241 880	2.372 514	9.999 996	757
243	7.627 482	1784	8.241 876	7.629 270	1784	8.241 880	2.370 730	9.999 996	756
244	7.629 266	1776	8.241 876	7.631 046	1776	8.241 880	2.368 954	9.999 996	755
245	7.631 042	1769	8.241 876	7.632 815	1769	8.241 880	2.367 185	9.999 996	754
246	7.632 811	1762	8.241 876	7.634 577	1762	8.241 880	2.365 423	9.999 996	753
247	7.634 573	1755	8.241 876	7.636 332	1755	8.241 880	2.363 668	9.999 996	752
248	7.636 328	1747	8.241 876	7.638 079	1747	8.241 880	2.361 921	9.999 996	751
249	7.638 075	1741	8.241 876	7.639 820	1741	8.241 880	2.360 180	9.999 996	.750
.250	7.639 816								
	cos	d		cotg	d		tang	sin	89°

 $89^{\circ}.800 - 89^{\circ}.750$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

 $0^\circ.250 - 0^\circ.300$

0°	sin	d	S	tang	d	T	cotg	cos	
.250	7.639 816		8.241 876	7.639 820		8.241 880	2.360 180	9.999 996	.750
251	7.641 550	1734	8.241 876	7.641 554	1734	8.241 880	2.358 446	9.999 996	749
252	7.643 277	1727	8.241 876	7.643 281	1727	8.241 880	2.356 719	9.999 996	748
253	7.644 996	1719	8.241 876	7.645 001	1720	8.241 880	2.354 999	9.999 996	747
		1714	8.241 876	7.646 714	1713	8.241 880	2.353 286	9.999 996	746
254	7.646 710	1706	8.241 876	7.648 420	1706	8.241 880	2.351 580	9.999 996	745
255	7.648 416	1700	8.241 876	7.650 120	1700	8.241 880	2.349 880	9.999 996	744
256	7.650 116	1693	8.241 876	7.651 813	1693	8.241 880	2.348 187	9.999 996	743
257	7.651 809	1687	8.241 876	7.653 500	1687	8.241 880	2.346 500	9.999 996	742
258	7.653 496	1680	8.241 876	7.655 180	1680	8.241 880	2.344 820	9.999 996	741
259	7.655 176								
.260	7.656 849	1673	8.241 876	7.656 854	1674	8.241 880	2.343 146	9.999 996	.740
		1667	8.241 876	7.658 521	1667	8.241 880	2.341 479	9.999 995	739
261	7.658 516	1661	8.241 876	7.660 182	1661	8.241 880	2.339 818	9.999 995	738
262	7.660 177	1655	8.241 876	7.661 836	1654	8.241 880	2.338 164	9.999 995	737
263	7.661 832	1648	8.241 876	7.663 484	1648	8.241 880	2.336 516	9.999 995	736
264	7.663 480	1642	8.241 876	7.665 126	1642	8.241 880	2.334 874	9.999 995	735
265	7.665 122	1635	8.241 876	7.666 762	1636	8.241 880	2.333 238	9.999 995	734
266	7.666 757	1630	8.241 876	7.668 392	1630	8.241 881	2.331 608	9.999 995	733
267	7.668 387	1624	8.241 876	7.670 015	1623	8.241 881	2.329 985	9.999 995	732
268	7.670 011	1617	8.241 876	7.671 633	1618	8.241 881	2.328 367	9.999 995	731
269	7.671 628	1612			1611				
.270	7.673 240	1605	8.241 876	7.673 244	1606	8.241 881	2.326 756	9.999 995	.730
		1600	8.241 876	7.674 850	1600	8.241 881	2.325 150	9.999 995	729
271	7.674 845	1593	8.241 876	7.676 450	1593	8.241 881	2.323 550	9.999 995	728
272	7.676 445	1588	8.241 876	7.678 043	1588	8.241 881	2.321 957	9.999 995	727
273	7.678 038	1582	8.241 876	7.679 631	1582	8.241 881	2.320 369	9.999 995	726
274	7.679 626	1577	8.241 876	7.681 213	1577	8.241 881	2.318 787	9.999 995	725
275	7.681 208	1570	8.241 876	7.682 790	1571	8.241 881	2.317 210	9.999 995	724
276	7.682 785	1565	8.241 876	7.684 361	1565	8.241 881	2.315 639	9.999 995	723
277	7.684 355	1560	8.241 876	7.685 926	1559	8.241 881	2.314 074	9.999 995	722
278	7.685 920	1554	8.241 876	7.687 485	1554	8.241 881	2.312 515	9.999 995	721
279	7.687 480								
.280	7.689 034	1548	8.241 876	7.689 039	1548	8.241 881	2.310 961	9.999 995	.720
		1543	8.241 876	7.690 587	1543	8.241 881	2.309 413	9.999 995	719
281	7.690 582	1537	8.241 876	7.692 130	1537	8.241 881	2.307 870	9.999 995	718
282	7.692 125	1532	8.241 876	7.693 667	1532	8.241 881	2.306 333	9.999 995	717
283	7.693 662	1526	8.241 876	7.695 199	1527	8.241 881	2.304 801	9.999 995	716
284	7.695 194	1522	8.241 876	7.696 726	1521	8.241 881	2.303 274	9.999 995	715
285	7.696 720	1515	8.241 876	7.698 247	1516	8.241 881	2.301 753	9.999 995	714
286	7.698 242	1511	8.241 876	7.699 763	1511	8.241 881	2.300 237	9.999 995	713
287	7.699 757	1505	8.241 876	7.701 274	1505	8.241 881	2.298 726	9.999 995	712
288	7.701 268	1501	8.241 876	7.702 779	1500	8.241 881	2.297 221	9.999 994	711
289	7.702 773								
.290	7.704 274	1494	8.241 876	7.704 279	1495	8.241 881	2.295 721	9.999 994	.710
		1490	8.241 875	7.705 774	1490	8.241 881	2.294 226	9.999 994	709
291	7.705 768	1485	8.241 875	7.707 264	1485	8.241 881	2.292 736	9.999 994	708
292	7.707 258	1480	8.241 875	7.708 749	1480	8.241 881	2.291 251	9.999 994	707
293	7.708 743	1474	8.241 875	7.710 229	1474	8.241 881	2.289 771	9.999 994	706
294	7.710 223	1470	8.241 875	7.711 703	1470	8.241 881	2.288 297	9.999 994	705
295	7.711 697	1465	8.241 875	7.713 173	1465	8.241 881	2.286 827	9.999 994	704
296	7.713 167	1460	8.241 875	7.714 638	1460	8.241 881	2.285 362	9.999 994	703
297	7.714 632	1455	8.241 875	7.716 098	1454	8.241 881	2.283 902	9.999 994	702
298	7.716 092	1450	8.241 875	7.717 552	1451	8.241 881	2.282 448	9.999 994	701
299	7.717 547								
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	.700
	cos	d		cotg	d		tang	sin	89°

 $89^\circ.750 - 89^\circ.700$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.300 — 0°.350

0°	sin	d	S	tang	d	T	cotg	cos	
.300	7.718 997		8.241 875	7.719 003		8.241 881	2.280 997	9.999 994	.700
301	7.720 442	1445	8.241 875	7.720 448	1445	8.241 881	2.279 552	9.999 994	699
302	7.721 882	1440	8.241 875	7.721 888	1440	8.241 881	2.278 112	9.999 994	698
303	7.723 318	1436	8.241 875	7.723 324	1436	8.241 881	2.276 676	9.999 994	697
304	7.724 749	1431	8.241 875	7.724 755	1431	8.241 881	2.275 245	9.999 994	696
305	7.726 175	1426	8.241 875	7.726 181	1426	8.241 881	2.273 819	9.999 994	695
306	7.727 597	1422	8.241 875	7.727 603	1422	8.241 881	2.272 397	9.999 994	694
307	7.729 014	1417	8.241 875	7.729 020	1417	8.241 882	2.270 980	9.999 994	693
308	7.730 426	1412	8.241 875	7.730 432	1412	8.241 882	2.269 568	9.999 994	692
309	7.731 834	1408	8.241 875	7.731 840	1408	8.241 882	2.268 160	9.999 994	691
.310	7.733 237	1403	8.241 875	7.733 243	1403	8.241 882	2.266 757	9.999 994	.690
311	7.734 636	1399	8.241 875	7.734 642	1399	8.241 882	2.265 358	9.999 994	689
312	7.736 030	1394	8.241 875	7.736 036	1394	8.241 882	2.263 964	9.999 994	688
313	7.737 420	1390	8.241 875	7.737 426	1390	8.241 882	2.262 574	9.999 994	687
314	7.738 805	1385	8.241 875	7.738 811	1385	8.241 882	2.261 189	9.999 993	686
315	7.740 186	1381	8.241 875	7.740 192	1381	8.241 882	2.259 808	9.999 993	685
316	7.741 562	1376	8.241 875	7.741 569	1377	8.241 882	2.258 431	9.999 993	684
317	7.742 934	1372	8.241 875	7.742 941	1372	8.241 882	2.257 059	9.999 993	683
318	7.744 302	1368	8.241 875	7.744 309	1368	8.241 882	2.255 691	9.999 993	682
319	7.745 666	1364	8.241 875	7.745 673	1364	8.241 882	2.254 327	9.999 993	681
.320	7.747 025	1359	8.241 875	7.747 032	1359	8.241 882	2.252 968	9.999 993	.680
321	7.748 380	1355	8.241 875	7.748 387	1355	8.241 882	2.251 613	9.999 993	679
322	7.749 731	1351	8.241 875	7.749 738	1351	8.241 882	2.250 262	9.999 993	678
323	7.751 078	1347	8.241 875	7.751 084	1346	8.241 882	2.248 916	9.999 993	677
324	7.752 420	1342	8.241 875	7.752 427	1343	8.241 882	2.247 573	9.999 993	676
325	7.753 758	1338	8.241 875	7.753 765	1338	8.241 882	2.246 235	9.999 993	675
326	7.755 093	1335	8.241 875	7.755 100	1335	8.241 882	2.244 900	9.999 993	674
327	7.756 423	1330	8.241 875	7.756 430	1330	8.241 882	2.243 570	9.999 993	673
328	7.757 749	1326	8.241 875	7.757 756	1326	8.241 882	2.242 244	9.999 993	672
329	7.759 071	1322	8.241 875	7.759 078	1322	8.241 882	2.240 922	9.999 993	671
.330	7.760 389	1318	8.241 875	7.760 396	1318	8.241 882	2.239 604	9.999 993	.670
331	7.761 703	1314	8.241 875	7.761 710	1314	8.241 882	2.238 290	9.999 993	669
332	7.763 013	1310	8.241 875	7.763 020	1310	8.241 882	2.236 980	9.999 993	668
333	7.764 319	1306	8.241 875	7.764 326	1306	8.241 882	2.235 674	9.999 993	667
334	7.765 621	1302	8.241 875	7.765 629	1303	8.241 882	2.234 371	9.999 993	666
335	7.766 920	1299	8.241 875	7.766 927	1298	8.241 882	2.233 073	9.999 993	665
336	7.768 214	1294	8.241 875	7.768 222	1295	8.241 882	2.231 778	9.999 993	664
337	7.769 505	1291	8.241 875	7.769 512	1290	8.241 882	2.230 488	9.999 992	663
338	7.770 792	1287	8.241 875	7.770 799	1287	8.241 882	2.229 201	9.999 992	662
339	7.772 075	1283	8.241 875	7.772 082	1283	8.241 882	2.227 918	9.999 992	661
.340	7.773 354	1279	8.241 875	7.773 361	1279	8.241 882	2.226 639	9.999 992	.660
341	7.774 629	1275	8.241 875	7.774 637	1276	8.241 882	2.225 363	9.999 992	659
342	7.775 901	1272	8.241 875	7.775 909	1272	8.241 883	2.224 091	9.999 992	658
343	7.777 169	1268	8.241 875	7.777 177	1268	8.241 883	2.222 823	9.999 992	657
344	7.778 433	1264	8.241 875	7.778 441	1264	8.241 883	2.221 559	9.999 992	656
345	7.779 694	1261	8.241 875	7.779 702	1261	8.241 883	2.220 298	9.999 992	655
346	7.780 951	1257	8.241 875	7.780 959	1257	8.241 883	2.219 041	9.999 992	654
347	7.782 204	1253	8.241 875	7.782 212	1253	8.241 883	2.217 788	9.999 992	653
348	7.783 454	1250	8.241 875	7.783 462	1250	8.241 883	2.216 538	9.999 992	652
349	7.784 700	1246	8.241 875	7.784 708	1246	8.241 883	2.215 292	9.999 992	651
.350	7.785 943	1243	8.241 875	7.785 951	1243	8.241 883	2.214 049	9.999 992	.650
	cos	d		cotg	d		tang	sin	89°

89°.700 — 89°.650

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.350 — 0°.400

0°	sin	d	S	tang	d	T	cotg	cos	
.350	7.785 943		8.241 875	7.785 951		8.241 883	2.214 049	9.999 992	.650
351	7.787 182	1239	8.241 875	7.787 190	1239	8.241 883	2.212 810	9.999 992	649
352	7.788 417	1235	8.241 875	7.788 425	1235	8.241 883	2.211 575	9.999 992	648
353	7.789 649	1232	8.241 875	7.789 658	1233	8.241 883	2.210 342	9.999 992	647
		1229	8.241 875	7.790 886	1228	8.241 883	2.209 114	9.999 992	646
354	7.790 878	1225	8.241 875	7.792 111	1225	8.241 883	2.207 889	9.999 992	645
355	7.792 103	1222	8.241 875	7.793 333	1222	8.241 883	2.206 667	9.999 992	644
356	7.793 325	1218	8.241 875	7.794 551	1218	8.241 883	2.205 449	9.999 992	643
357	7.794 543	1215	8.241 875	7.795 766	1215	8.241 883	2.204 234	9.999 992	642
358	7.795 758	1211	8.241 875	7.796 977	1211	8.241 883	2.203 023	9.999 991	641
359	7.796 969	1208	8.241 875	7.798 186	1209	8.241 883	2.201 814	9.999 991	.640
.360	7.798 177	1205	8.241 874	7.799 390	1204	8.241 883	2.200 610	9.999 991	639
361	7.799 382	1201	8.241 874	7.800 592	1202	8.241 883	2.199 408	9.999 991	638
362	7.800 583	1198	8.241 874	7.801 790	1198	8.241 883	2.198 210	9.999 991	637
363	7.801 781	1195	8.241 874	7.802 985	1195	8.241 883	2.197 015	9.999 991	636
364	7.802 976	1191	8.241 874	7.804 176	1191	8.241 883	2.195 824	9.999 991	635
365	7.804 167	1188	8.241 874	7.805 364	1188	8.241 883	2.194 636	9.999 991	634
366	7.805 355	1185	8.241 874	7.806 549	1185	8.241 883	2.193 451	9.999 991	633
367	7.806 540	1182	8.241 874	7.807 731	1182	8.241 883	2.192 269	9.999 991	632
368	7.807 722	1179	8.241 874	7.808 910	1179	8.241 883	2.191 090	9.999 991	631
369	7.808 901	1175	8.241 874	7.810 085	1175	8.241 883	2.189 915	9.999 991	.630
.370	7.810 076	1172	8.241 874	7.811 257	1172	8.241 883	2.188 743	9.999 991	629
371	7.811 248	1169	8.241 874	7.812 426	1169	8.241 883	2.187 574	9.999 991	628
372	7.812 417	1166	8.241 874	7.813 592	1166	8.241 884	2.186 408	9.999 991	627
373	7.813 583	1163	8.241 874	7.814 755	1163	8.241 884	2.185 245	9.999 991	626
374	7.814 746	1160	8.241 874	7.815 915	1160	8.241 884	2.184 085	9.999 991	625
375	7.815 906	1156	8.241 874	7.817 071	1156	8.241 884	2.182 929	9.999 991	624
376	7.817 062	1154	8.241 874	7.818 225	1154	8.241 884	2.181 775	9.999 991	623
377	7.818 216	1150	8.241 874	7.819 375	1150	8.241 884	2.180 625	9.999 991	622
378	7.819 366	1147	8.241 874	7.820 523	1148	8.241 884	2.179 477	9.999 990	621
379	7.820 513	1145	8.241 874	7.821 667	1144	8.241 884	2.178 333	9.999 990	.620
.380	7.821 658	1141	8.241 874	7.822 809	1142	8.241 884	2.177 191	9.999 990	619
381	7.822 799	1139	8.241 874	7.823 947	1138	8.241 884	2.176 053	9.999 990	618
382	7.823 938	1135	8.241 874	7.825 083	1136	8.241 884	2.174 917	9.999 990	617
383	7.825 073	1132	8.241 874	7.826 215	1132	8.241 884	2.173 785	9.999 990	616
384	7.826 205	1130	8.241 874	7.827 345	1130	8.241 884	2.172 655	9.999 990	615
385	7.827 335	1126	8.241 874	7.828 471	1126	8.241 884	2.171 529	9.999 990	614
386	7.828 461	1124	8.241 874	7.829 595	1124	8.241 884	2.170 405	9.999 990	613
387	7.829 585	1121	8.241 874	7.830 716	1121	8.241 884	2.169 284	9.999 990	612
388	7.830 706	1118	8.241 874	7.831 834	1118	8.241 884	2.168 166	9.999 990	611
389	7.831 824	1115	8.241 874	7.832 949	1115	8.241 884	2.167 051	9.999 990	.610
.390	7.832 939	1112	8.241 874	7.834 061	1112	8.241 884	2.165 939	9.999 990	609
391	7.834 051	1109	8.241 874	7.835 170	1109	8.241 884	2.164 830	9.999 990	608
392	7.835 160	1107	8.241 874	7.836 277	1107	8.241 884	2.163 723	9.999 990	607
393	7.836 267	1103	8.241 874	7.837 380	1103	8.241 884	2.162 620	9.999 990	606
394	7.837 370	1101	8.241 874	7.838 481	1101	8.241 884	2.161 519	9.999 990	605
395	7.838 471	1098	8.241 874	7.839 579	1098	8.241 884	2.160 421	9.999 990	604
396	7.839 569	1095	8.241 874	7.840 675	1096	8.241 884	2.159 325	9.999 990	603
397	7.840 664	1093	8.241 874	7.841 767	1092	8.241 884	2.158 233	9.999 990	602
398	7.841 757	1090	8.241 874	7.842 857	1090	8.241 884	2.157 143	9.999 989	601
399	7.842 847	1087	8.241 874	7.843 944	1087	8.241 884	2.156 056	9.999 989	.600
.400	7.843 934								89°
	cos	d		cotg	d		tang	sin	

89°.650 — 89°.600

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.400 — 0°.450

0°	sin	d	tang	d	cotg	cos	d		P.P.
.400	7.843 934		7.843 944		2.156 056	9.999 989		.600	
401	7.845 018	1084	7.845 029	1085	2.154 971	9.999 989	0	599	1085 1080 1075
402	7.846 100	1082	7.846 111	1082	2.153 889	9.999 989	0	598	1 108.5 108.0 107.5
403	7.847 179	1079	7.847 190	1079	2.152 810	9.999 989	0	597	2 217.0 216.0 215.0
		1076		1076			0		3 325.5 324.0 322.5
404	7.848 255		7.848 266		2.151 734	9.999 989	0	596	4 434.0 432.0 430.0
405	7.849 329	1074	7.849 340	1074	2.150 660	9.999 989	0	595	5 542.5 540.0 537.5
406	7.850 400	1071	7.850 411	1071	2.149 589	9.999 989	0	594	6 651.0 648.0 645.0
		1068		1068			0		7 759.5 756.0 752.5
407	7.851 468	1066	7.851 479	1066	2.148 521	9.999 989	0	593	8 868.0 864.0 860.0
408	7.852 534	1063	7.852 545	1063	2.147 455	9.999 989	0	592	9 976.5 972.0 967.5
409	7.853 597		7.853 608		2.146 392	9.999 989		591	1070 1065 1060
.410	7.854 658	1061	7.854 669	1061	2.145 331	9.999 989	0	.590	1 107.0 106.5 106.0
		1057		1058			0		2 214.0 213.0 212.0
411	7.855 715		7.855 727		2.144 273	9.999 989	0	589	3 321.0 319.5 318.0
412	7.856 771	1056	7.856 782	1055	2.143 218	9.999 989	0	588	4 428.0 426.0 424.0
413	7.857 824	1053	7.857 835	1053	2.142 165	9.999 989	0	587	5 535.0 532.5 530.0
		1050		1050			0		6 642.0 639.0 636.0
414	7.858 874		7.858 885		2.141 115	9.999 989	0	586	7 749.0 745.5 742.0
415	7.859 922	1048	7.859 933	1048	2.140 067	9.999 989	0	585	8 856.0 852.0 848.0
416	7.860 967	1045	7.860 978	1045	2.139 022	9.999 989	0	584	9 963.0 958.5 954.0
		1043		1043			1		1055 1050 1045
417	7.862 010		7.862 021		2.137 979	9.999 988	0	583	1 105.5 105.0 104.5
418	7.863 050	1040	7.863 061	1040	2.136 939	9.999 988	0	582	2 211.0 210.0 209.0
419	7.864 088	1038	7.864 099	1038	2.135 901	9.999 988	0	581	3 316.5 315.0 313.5
		1035		1035			0		4 422.0 420.0 418.0
.420	7.865 123		7.865 134		2.134 866	9.999 988		.580	5 527.5 525.0 522.5
		1033		1033			0		6 633.0 630.0 627.0
421	7.866 156		7.866 167		2.133 833	9.999 988	0	579	7 738.5 735.0 731.5
422	7.867 186	1030	7.867 198	1031	2.132 802	9.999 988	0	578	8 844.0 840.0 836.0
423	7.868 214	1028	7.868 226	1028	2.131 774	9.999 988	0	577	9 949.5 945.0 940.5
		1025		1025			0		1040 1030 1020
424	7.869 239		7.869 251		2.130 749	9.999 988	0	576	1 104.0 103.0 102.0
425	7.870 262	1023	7.870 274	1023	2.129 726	9.999 988	0	575	2 208.0 206.0 204.0
426	7.871 283	1021	7.871 295	1021	2.128 705	9.999 988	0	574	3 312.0 309.0 306.0
		1018		1018			0		4 416.0 412.0 408.0
427	7.872 301		7.872 313		2.127 687	9.999 988	0	573	5 520.0 515.0 510.0
428	7.873 317	1016	7.873 329	1016	2.126 671	9.999 988	0	572	6 624.0 618.0 612.0
429	7.874 331	1014	7.874 343	1014	2.125 657	9.999 988	0	571	7 728.0 721.0 714.0
		1011		1011			0		8 832.0 824.0 816.0
.430	7.875 342		7.875 354		2.124 646	9.999 988		.570	9 936.0 927.0 918.0
		1009		1009			0		1010 1000 995
431	7.876 351		7.876 363		2.123 637	9.999 988	0	569	1 101.0 100.0 99.5
432	7.877 357	1006	7.877 369	1006	2.122 631	9.999 988	0	568	2 202.0 200.0 199.0
433	7.878 361	1004	7.878 374	1005	2.121 626	9.999 988	0	567	3 303.0 300.0 298.5
		1002		1001			0		4 404.0 400.0 398.0
434	7.879 363		7.879 375		2.120 625	9.999 988	0	566	5 505.0 500.0 497.5
435	7.880 362	999	7.880 375	1000	2.119 625	9.999 987	1	565	6 606.0 600.0 597.0
436	7.881 360	998	7.881 372	997	2.118 628	9.999 987	0	564	7 707.0 700.0 696.5
		995		995			0		8 808.0 800.0 796.0
437	7.882 355		7.882 367		2.117 633	9.999 987	0	563	9 909.0 900.0 895.5
438	7.883 347	992	7.883 360	993	2.116 640	9.999 987	0	562	990 985 980
439	7.884 338	991	7.884 350	990	2.115 650	9.999 987	0	561	1 99.0 98.5 98.0
		988		989			0		2 198.0 197.0 196.0
.440	7.885 326		7.885 339		2.114 661	9.999 987		.560	3 297.0 295.5 294.0
		986		986			0		4 396.0 394.0 392.0
441	7.886 312		7.886 325		2.113 675	9.999 987	0	559	5 495.0 492.5 490.0
442	7.887 295	983	7.887 308	983	2.112 692	9.999 987	0	558	6 594.0 591.0 588.0
443	7.888 277	982	7.888 290	982	2.111 710	9.999 987	0	557	7 693.0 689.5 686.0
		979		979			0		8 792.0 788.0 784.0
444	7.889 256		7.889 269		2.110 731	9.999 987	0	556	9 891.0 886.5 882.0
445	7.890 233	977	7.890 246	977	2.109 754	9.999 987	0	555	975 970 966
446	7.891 208	975	7.891 221	975	2.108 779	9.999 987	0	554	1 97.5 97.0 96.6
		972		973			0		2 195.0 194.0 193.2
447	7.892 180		7.892 194		2.107 806	9.999 987	0	553	3 292.5 291.0 289.8
448	7.893 151	971	7.893 164	970	2.106 836	9.999 987	0	552	4 390.0 388.0 386.4
449	7.894 119	968	7.894 133	969	2.105 867	9.999 987	0	551	5 487.5 485.0 483.0
		966		966			0		6 585.0 582.0 579.6
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550	7 682.5 679.0 676.2
							0		8 780.0 776.0 772.8
	cos	d	cotg	d	tang	sin	d	89°	9 877.5 873.0 869.4
									P.P.

89°.600 — 89°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.450 — 0°.500

0°	sin	d	tang	d	cotg	cos	d		P.P.
.450	7.895 085		7.895 099		2.104 901	9.999 987		.550	
451	7.896 049	964	7.896 063	964	2.103 937	9.999 987	0	549	
452	7.897 011	962	7.897 025	962	2.102 975	9.999 986	1	548	
453	7.897 971	960	7.897 985	960	2.102 015	9.999 986	0	547	
454	7.898 929	958	7.898 942	957	2.101 058	9.999 986	0	546	
455	7.899 884	955	7.899 898	956	2.100 102	9.999 986	0	545	
456	7.900 838	954	7.900 851	953	2.099 149	9.999 986	0	544	
457	7.901 789	951	7.901 803	952	2.098 197	9.999 986	0	543	
458	7.902 738	949	7.902 752	949	2.097 248	9.999 986	0	542	
459	7.903 685	947	7.903 699	947	2.096 301	9.999 986	0	541	
.460	7.904 631	946	7.904 645	946	2.095 355	9.999 986	0	.540	
461	7.905 574	943	7.905 588	943	2.094 412	9.999 986	0	539	
462	7.906 515	941	7.906 529	941	2.093 471	9.999 986	0	538	
463	7.907 454	939	7.907 468	939	2.092 532	9.999 986	0	537	
464	7.908 391	937	7.908 405	937	2.091 595	9.999 986	0	536	
465	7.909 326	935	7.909 340	935	2.090 660	9.999 986	0	535	
466	7.910 258	932	7.910 273	933	2.089 727	9.999 986	0	534	
467	7.911 189	931	7.911 204	931	2.088 796	9.999 986	0	533	
468	7.912 118	929	7.912 133	929	2.087 867	9.999 986	0	532	
469	7.913 045	927	7.913 060	927	2.086 940	9.999 985	1	531	
.470	7.913 970	925	7.913 985	925	2.086 015	9.999 985	0	.530	
471	7.914 893	923	7.914 908	923	2.085 092	9.999 985	0	529	
472	7.915 814	921	7.915 829	921	2.084 171	9.999 985	0	528	
473	7.916 734	920	7.916 748	919	2.083 252	9.999 985	0	527	
474	7.917 651	917	7.917 666	918	2.082 334	9.999 985	0	526	
475	7.918 566	915	7.918 581	915	2.081 419	9.999 985	0	525	
476	7.919 479	913	7.919 494	913	2.080 506	9.999 985	0	524	
477	7.920 391	912	7.920 406	912	2.079 594	9.999 985	0	523	
478	7.921 300	909	7.921 315	909	2.078 685	9.999 985	0	522	
479	7.922 208	908	7.922 223	908	2.077 777	9.999 985	0	521	
.480	7.923 114	906	7.923 129	906	2.076 871	9.999 985	0	.520	
481	7.924 017	903	7.924 033	904	2.075 967	9.999 985	0	519	
482	7.924 919	902	7.924 935	902	2.075 065	9.999 985	0	518	
483	7.925 819	900	7.925 835	900	2.074 165	9.999 985	0	517	
484	7.926 718	899	7.926 733	898	2.073 267	9.999 985	0	516	
485	7.927 614	896	7.927 629	896	2.072 371	9.999 984	1	515	
486	7.928 508	894	7.928 524	895	2.071 476	9.999 984	0	514	
487	7.929 401	893	7.929 417	893	2.070 583	9.999 984	0	513	
488	7.930 292	891	7.930 308	891	2.069 692	9.999 984	0	512	
489	7.931 181	889	7.931 197	889	2.068 803	9.999 984	0	511	
.490	7.932 068	887	7.932 084	887	2.067 916	9.999 984	0	.510	
491	7.932 954	886	7.932 969	885	2.067 031	9.999 984	0	509	
492	7.933 837	883	7.933 853	884	2.066 147	9.999 984	0	508	
493	7.934 719	882	7.934 735	882	2.065 265	9.999 984	0	507	
494	7.935 599	880	7.935 615	880	2.064 385	9.999 984	0	506	
495	7.936 477	878	7.936 493	878	2.063 507	9.999 984	0	505	
496	7.937 354	877	7.937 370	877	2.062 630	9.999 984	0	504	
497	7.938 228	874	7.938 245	875	2.061 755	9.999 984	0	503	
498	7.939 101	873	7.939 118	873	2.060 882	9.999 984	0	502	
499	7.939 972	871	7.939 989	871	2.060 011	9.999 984	0	501	
.500	7.940 842	870	7.940 858	869	2.059 142	9.999 983	1	.500	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.550 — 89°.500

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.500 — 0°.550

0°	sin	d	tang	d	cotg	cos	d		P.P.
·500	7.940 842		7.940 858		2.059 142	9.999 983		·500	
501	7.941 710	868	7.941 726	868	2.058 274	9.999 983	0	499	868 865 860
502	7.942 576	866	7.942 592	866	2.057 408	9.999 983	0	498	1 86.8 86.5 86.0
503	7.943 440	864	7.943 457	865	2.056 543	9.999 983	0	497	2 173.6 173.0 172.0
		862		862			0		3 260.4 259.5 258.0
504	7.944 302	861	7.944 319	861	2.055 681	9.999 983	0	496	4 347.2 346.0 344.0
505	7.945 163	859	7.945 180	859	2.054 820	9.999 983	0	495	5 434.0 432.5 430.0
506	7.946 022	858	7.946 039	858	2.053 961	9.999 983	0	494	6 520.8 519.0 516.0
		855		855			0		7 607.6 605.5 602.0
507	7.946 880	854	7.946 897	854	2.053 103	9.999 983	0	493	8 694.4 692.0 688.0
508	7.947 735	853	7.947 752	853	2.052 248	9.999 983	0	492	9 781.2 778.5 774.0
509	7.948 589	852	7.948 607	852	2.051 393	9.999 983	0	491	858 855 850
·510	7.949 442	851	7.949 459	851	2.050 541	9.999 983	0	·490	1 85.8 85.5 85.0
511	7.950 293	849	7.950 310	849	2.049 690	9.999 983	0	489	2 171.6 171.0 170.0
512	7.951 142	847	7.951 159	847	2.048 841	9.999 983	0	488	3 257.4 256.5 255.0
513	7.951 989	846	7.952 006	846	2.047 994	9.999 983	0	487	4 343.2 342.0 340.0
		844		844			0		5 429.0 427.5 425.0
514	7.952 835	842	7.952 852	842	2.047 148	9.999 982	1	486	6 514.8 513.0 510.0
515	7.953 679	841	7.953 696	841	2.046 304	9.999 982	0	485	7 600.6 598.5 595.0
516	7.954 521	839	7.954 539	839	2.045 461	9.999 982	0	484	8 686.4 684.0 680.0
		838		838			0		9 772.2 769.5 765.0
517	7.955 362	836	7.955 380	836	2.044 620	9.999 982	0	483	845 840 838
518	7.956 201	834	7.956 219	834	2.043 781	9.999 982	0	482	1 84.5 84.0 83.8
519	7.957 039	833	7.957 057	833	2.042 943	9.999 982	0	481	2 169.0 168.0 167.6
·520	7.957 875	831	7.957 893	831	2.042 107	9.999 982	0	·480	3 253.5 252.0 251.4
521	7.958 709	830	7.958 727	830	2.041 273	9.999 982	0	479	4 338.0 336.0 335.2
522	7.959 542	828	7.959 560	828	2.040 440	9.999 982	0	478	5 422.5 420.0 419.0
523	7.960 373	826	7.960 391	826	2.039 609	9.999 982	0	477	6 507.0 504.0 502.8
		825		825			0		7 591.5 588.0 586.6
524	7.961 203	823	7.961 221	823	2.038 779	9.999 982	1	476	8 676.0 672.0 670.4
525	7.962 031	822	7.962 049	822	2.037 951	9.999 982	0	475	9 760.5 756.0 754.2
526	7.962 857	820	7.962 875	820	2.037 125	9.999 982	0	474	835 830 825
		819		819			0		1 83.5 83.0 82.5
527	7.963 682	817	7.963 700	817	2.036 300	9.999 982	0	473	2 167.0 166.0 165.0
528	7.964 505	815	7.964 524	815	2.035 476	9.999 982	0	472	3 250.5 249.0 247.5
529	7.965 327	813	7.965 345	813	2.034 655	9.999 981	0	471	4 334.0 332.0 330.0
·530	7.966 147	811	7.966 166	811	2.033 834	9.999 981	0	·470	5 417.5 415.0 412.5
531	7.966 966	809	7.966 984	809	2.033 016	9.999 981	0	470	6 501.0 498.0 495.0
532	7.967 783	808	7.967 801	808	2.032 199	9.999 981	0	469	7 584.5 581.0 577.5
533	7.968 598	807	7.968 617	807	2.031 383	9.999 981	0	468	8 668.0 664.0 660.0
		805		805			1		9 751.5 747.0 742.5
534	7.969 412	803	7.969 431	803	2.030 569	9.999 981	0	467	820 818 815
535	7.970 225	801	7.970 244	801	2.029 756	9.999 981	0	466	1 82.0 81.8 81.5
536	7.971 036	799	7.971 055	799	2.028 945	9.999 981	0	465	2 164.0 163.6 163.0
		797		797			0		3 246.0 245.4 244.5
537	7.971 845	795	7.971 864	795	2.028 136	9.999 981	0	464	4 328.0 327.2 326.0
538	7.972 653	793	7.972 672	793	2.027 328	9.999 981	0	463	5 410.0 409.0 407.5
539	7.973 460	792	7.973 479	792	2.026 521	9.999 981	0	462	6 492.0 490.8 489.0
·540	7.974 265	790	7.974 284	790	2.025 716	9.999 981	0	·460	7 574.0 572.6 570.5
541	7.975 068	804	7.975 088	804	2.024 912	9.999 981	0	461	8 656.0 654.4 652.0
542	7.975 870	802	7.975 890	802	2.024 110	9.999 980	1	460	9 738.0 736.2 733.5
543	7.976 671	800	7.976 690	800	2.023 310	9.999 980	0	459	810 805 800
		799		799			0		1 81.0 80.5 80.0
544	7.977 470	797	7.977 489	797	2.022 511	9.999 980	0	458	2 162.0 161.0 160.0
545	7.978 267	796	7.978 287	796	2.021 713	9.999 980	0	457	3 243.0 241.5 240.0
546	7.979 063	795	7.979 083	795	2.020 917	9.999 980	0	456	4 324.0 322.0 320.0
		793		793			0		5 405.0 402.5 400.0
547	7.979 858	792	7.979 878	792	2.020 122	9.999 980	0	455	6 486.0 483.0 480.0
548	7.980 651	790	7.980 671	790	2.019 329	9.999 980	0	454	7 567.0 563.5 560.0
549	7.981 443	790	7.981 463	790	2.018 537	9.999 980	0	453	8 648.0 644.0 640.0
·550	7.982 233	790	7.982 253	790	2.017 747	9.999 980	0	·450	9 729.0 724.5 720.0
	cos	d	cotg	d	tang	sin	d	89°	798 795 790
									1 79.8 79.5 79.0
									2 159.6 159.0 158.0
									3 239.4 238.5 237.0
									4 319.2 318.0 316.0
									5 399.0 397.5 395.0
									6 478.8 477.0 474.0
									7 558.6 556.5 553.0
									8 638.4 636.0 632.0
									9 718.2 715.5 711.0
									P.P.

89°.500 — 89°.450

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.550 — 0°.600

0°	sin	d	tang	d	cotg	cos	d		P.P.
.550	7.982 233		7.982 253		2.017 747	9.999 980		.450	
551	7.983 022	789	7.983 042	789	2.016 958	9.999 980	0	449	789 786 783
552	7.983 810	788	7.983 830	788	2.016 170	9.999 980	0	448	1 78.9 78.6 78.3
553	7.984 596	786	7.984 616	786	2.015 384	9.999 980	0	447	2 157.8 157.2 156.6
		784		785			0		3 236.7 235.8 234.9
554	7.985 380		7.985 401		2.014 599	9.999 980	0	446	4 315.6 314.4 313.2
555	7.986 164	784	7.986 184	783	2.013 816	9.999 980	0	445	5 394.5 393.0 391.5
556	7.986 945	781	7.986 966	782	2.013 034	9.999 980	0	444	6 473.4 471.6 469.8
		781		780			0		7 552.3 550.2 548.1
557	7.987 726		7.987 746		2.012 254	9.999 979	1	443	8 631.2 628.8 626.4
558	7.988 505	779	7.988 525	779	2.011 475	9.999 979	0	442	9 710.1 707.4 704.7
559	7.989 282	777	7.989 303	778	2.010 697	9.999 979	0	441	
		776		776			0		780 775 770
.560	7.990 058		7.990 079		2.009 921	9.999 979		.440	
		775		775			0		1 78.0 77.5 77.0
561	7.990 833	774	7.990 854	774	2.009 146	9.999 979	0	439	2 156.0 155.0 154.0
562	7.991 607	774	7.991 628	774	2.008 372	9.999 979	0	438	3 234.0 232.5 231.0
563	7.992 379	772	7.992 400	772	2.007 600	9.999 979	0	437	4 312.0 310.0 308.0
		770		770			0		5 390.0 387.5 385.0
564	7.993 149		7.993 170		2.006 830	9.999 979	0	436	6 468.0 465.0 462.0
565	7.993 919	770	7.993 940	770	2.006 060	9.999 979	0	435	7 546.0 542.5 539.0
566	7.994 687	768	7.994 708	768	2.005 292	9.999 979	0	434	8 624.0 620.0 616.0
		766		767			0		9 702.0 697.5 693.0
567	7.995 453		7.995 475		2.004 525	9.999 979	0	433	767 764 760
568	7.996 219	766	7.996 240	765	2.003 760	9.999 979	0	432	1 76.7 76.4 76.0
569	7.996 982	763	7.997 004	764	2.002 996	9.999 979	0	431	2 153.4 152.8 152.0
		763		763			0		3 230.1 229.2 228.0
.570	7.997 745		7.997 767		2.002 233	9.999 979		.430	
		761		761			1	429	4 306.8 305.6 304.0
571	7.998 506	760	7.998 528	760	2.001 472	9.999 978	0	428	5 383.5 382.0 380.0
572	7.999 266	759	7.999 288	758	2.000 712	9.999 978	0	427	6 460.2 458.4 456.0
573	8.000 025	757	8.000 046	758	1.999 954	9.999 978	0	426	7 536.9 534.8 532.0
		757		756			0		8 613.6 611.2 608.0
574	8.000 782		8.000 804		1.999 196	9.999 978	0	425	9 690.3 687.6 684.0
575	8.001 538	756	8.001 560	756	1.998 440	9.999 978	0	424	
576	8.002 293	755	8.002 314	754	1.997 686	9.999 978	0	423	1 75.8 75.5 75.2
		753		754			0		2 151.6 151.0 150.4
577	8.003 046		8.003 068		1.996 932	9.999 978	0	422	3 227.4 226.5 225.6
578	8.003 798	752	8.003 820	752	1.996 180	9.999 978	0	421	4 303.2 302.0 300.8
579	8.004 549	751	8.004 571	751	1.995 429	9.999 978	0	420	5 379.0 377.5 376.0
		749		749			0		6 454.8 453.0 451.2
.580	8.005 298		8.005 320		1.994 680	9.999 978		.420	
		748		748			0	419	7 530.6 528.5 526.4
581	8.006 046	747	8.006 068	747	1.993 932	9.999 978	0	418	8 606.4 604.0 601.6
582	8.006 793	745	8.006 815	746	1.993 185	9.999 978	0	417	9 682.2 679.5 676.8
583	8.007 538	745	8.007 561	744	1.992 439	9.999 978	1	416	
		745		743			0		1 75.0 74.6 74.2
584	8.008 283		8.008 305		1.991 695	9.999 977	0	415	2 150.0 149.2 148.4
585	8.009 026	743	8.009 048	742	1.990 952	9.999 977	0	414	3 225.0 223.8 222.6
586	8.009 767	741	8.009 790	741	1.990 210	9.999 977	0	413	4 300.0 298.4 296.8
		741		739			0		5 375.0 373.0 371.0
587	8.010 508		8.010 531		1.989 469	9.999 977	0	412	6 450.0 447.6 445.2
588	8.011 247	739	8.011 270	738	1.988 730	9.999 977	0	411	7 525.0 522.2 519.4
589	8.011 985	738	8.012 008	737	1.987 992	9.999 977	0	410	8 600.0 596.8 593.6
		737		735			0		9 675.0 671.4 667.8
.590	8.012 722		8.012 745		1.987 255	9.999 977		.410	
		735		735			0	409	740 736 733
591	8.013 457	734	8.013 480	735	1.986 520	9.999 977	0	408	1 74.0 73.6 73.3
592	8.014 191	733	8.014 215	733	1.985 785	9.999 977	0	407	2 148.0 147.2 146.6
593	8.014 924	732	8.014 948	731	1.985 052	9.999 977	0	406	3 222.0 220.8 219.9
		731		729			0		4 296.0 294.4 293.2
594	8.015 656		8.015 679		1.984 321	9.999 977	0	405	5 370.0 368.0 366.5
595	8.016 387	729	8.016 410	729	1.983 590	9.999 977	0	404	6 444.0 441.6 439.8
596	8.017 116	728	8.017 139	728	1.982 861	9.999 977	1	403	7 518.0 515.2 513.1
		727		727			0		8 592.0 588.8 586.4
597	8.017 844		8.017 867		1.982 133	9.999 976	0	402	9 666.0 662.4 659.7
598	8.018 571	725	8.018 594	726	1.981 406	9.999 976	0	401	
599	8.019 296	725	8.019 320	724	1.980 680	9.999 976	0	400	730 727 724
		725		724			0		1 73.0 72.7 72.4
.600	8.020 021		8.020 044		1.979 956	9.999 976		.400	
								89°	P.P.
	cos	d	cotg	d	tang	sin	d		

89°.450 — 89°.400

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.600 — 0°.650

0°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.020 021		8.020 044		1.979 956	9.999 976		.400	
601	8.020 744	723	8.020 768	724	1.979 232	9.999 976	0	399	
602	8.021 466	722	8.021 490	722	1.978 510	9.999 976	0	398	
603	8.022 187	721	8.022 211	721	1.977 789	9.999 976	0	397	
604	8.022 906	719	8.022 930	719	1.977 070	9.999 976	0	396	
605	8.023 625	719	8.023 649	719	1.976 351	9.999 976	0	395	
606	8.024 342	717	8.024 366	717	1.975 634	9.999 976	0	394	
607	8.025 058	716	8.025 082	716	1.974 918	9.999 976	0	393	
608	8.025 773	715	8.025 797	715	1.974 203	9.999 976	0	392	
609	8.026 486	713	8.026 511	714	1.973 489	9.999 975	1	391	
.610	8.027 199	713	8.027 224	713	1.972 776	9.999 975	0	.390	
611	8.027 910	711	8.027 935	711	1.972 065	9.999 975	0	389	
612	8.028 621	711	8.028 645	710	1.971 355	9.999 975	0	388	
613	8.029 330	709	8.029 354	709	1.970 646	9.999 975	0	387	
614	8.030 037	707	8.030 062	708	1.969 938	9.999 975	0	386	
615	8.030 744	707	8.030 769	707	1.969 231	9.999 975	0	385	
616	8.031 450	706	8.031 475	706	1.968 525	9.999 975	0	384	
617	8.032 154	704	8.032 179	704	1.967 821	9.999 975	0	383	
618	8.032 857	703	8.032 883	704	1.967 117	9.999 975	0	382	
619	8.033 560	703	8.033 585	702	1.966 415	9.999 975	0	381	
.620	8.034 261	701	8.034 286	701	1.965 714	9.999 975	0	.380	
621	8.034 960	699	8.034 986	700	1.965 014	9.999 974	1	379	
622	8.035 659	699	8.035 685	699	1.964 315	9.999 974	0	378	
623	8.036 357	698	8.036 383	698	1.963 617	9.999 974	0	377	
624	8.037 053	696	8.037 079	696	1.962 921	9.999 974	0	376	
625	8.037 749	696	8.037 775	696	1.962 225	9.999 974	0	375	
626	8.038 443	694	8.038 469	694	1.961 531	9.999 974	0	374	
627	8.039 136	693	8.039 162	693	1.960 838	9.999 974	0	373	
628	8.039 828	692	8.039 854	692	1.960 146	9.999 974	0	372	
629	8.040 519	691	8.040 545	691	1.959 455	9.999 974	0	371	
.630	8.041 209	690	8.041 235	690	1.958 765	9.999 974	0	.370	
631	8.041 898	689	8.041 924	689	1.958 076	9.999 974	0	369	
632	8.042 586	688	8.042 612	688	1.957 388	9.999 974	0	368	
633	8.043 272	686	8.043 299	687	1.956 701	9.999 973	1	367	
634	8.043 958	686	8.043 984	685	1.956 016	9.999 973	0	366	
635	8.044 642	684	8.044 669	685	1.955 331	9.999 973	0	365	
636	8.045 326	684	8.045 352	683	1.954 648	9.999 973	0	364	
637	8.046 008	682	8.046 035	683	1.953 965	9.999 973	0	363	
638	8.046 689	681	8.046 716	681	1.953 284	9.999 973	0	362	
639	8.047 369	680	8.047 396	680	1.952 604	9.999 973	0	361	
.640	8.048 048	679	8.048 075	679	1.951 925	9.999 973	0	.360	
641	8.048 726	678	8.048 754	679	1.951 246	9.999 973	0	359	
642	8.049 403	677	8.049 431	677	1.950 569	9.999 973	0	358	
643	8.050 079	676	8.050 107	676	1.949 893	9.999 973	0	357	
644	8.050 754	675	8.050 782	675	1.949 218	9.999 973	0	356	
645	8.051 428	674	8.051 455	673	1.948 545	9.999 972	1	355	
646	8.052 101	673	8.052 128	673	1.947 872	9.999 972	0	354	
647	8.052 772	671	8.052 800	672	1.947 200	9.999 972	0	353	
648	8.053 443	671	8.053 471	671	1.946 529	9.999 972	0	352	
649	8.054 113	670	8.054 141	670	1.945 859	9.999 972	0	351	
.650	8.054 781	668	8.054 809	668	1.945 191	9.999 972	0	.350	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.400 — 89°.350

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.650 — 0°.700

0°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.054 781		8.054 809		1.945 191	9.999 972		.350	
651	8.055 449	668	8.055 477	668	1.944 523	9.999 972	0	349	668 667 665
652	8.056 116	667	8.056 144	667	1.943 856	9.999 972	0	348	1 66.8 66.7 66.5
653	8.056 781	665	8.056 809	665	1.943 191	9.999 972	0	347	2 133.6 133.4 133.0
654	8.057 446	665	8.057 474	665	1.942 526	9.999 972	0	346	3 200.4 200.1 199.5
655	8.058 109	663	8.058 138	664	1.941 862	9.999 972	0	345	4 267.2 266.8 266.0
656	8.058 772	663	8.058 800	662	1.941 200	9.999 972	0	344	5 334.0 333.5 332.5
657	8.059 433	661	8.059 462	660	1.940 538	9.999 971	1	343	6 400.8 400.2 399.0
658	8.060 094	659	8.060 122	660	1.939 878	9.999 971	0	342	7 467.6 466.9 465.5
659	8.060 753	659	8.060 782	660	1.939 218	9.999 971	0	341	8 534.4 533.6 532.0
.660	8.061 412	657	8.061 441	659	1.938 559	9.999 971	0	.340	9 601.2 600.3 598.5
661	8.062 069	657	8.062 098	657	1.937 902	9.999 971	0	339	662 660 657
662	8.062 726	657	8.062 755	657	1.937 245	9.999 971	0	338	1 66.2 66.0 65.7
663	8.063 381	655	8.063 410	655	1.936 590	9.999 971	0	337	2 132.4 132.0 131.4
664	8.064 036	655	8.064 065	655	1.935 935	9.999 971	0	336	3 198.6 198.0 197.1
665	8.064 689	653	8.064 719	654	1.935 281	9.999 971	0	335	4 264.8 264.0 262.8
666	8.065 342	653	8.065 371	652	1.934 629	9.999 971	0	334	5 331.0 330.0 328.5
667	8.065 993	651	8.066 023	652	1.933 977	9.999 971	0	333	6 397.2 396.0 394.2
668	8.066 644	651	8.066 674	651	1.933 326	9.999 970	1	332	7 463.4 462.0 459.9
669	8.067 294	650	8.067 323	649	1.932 677	9.999 970	0	331	8 529.6 528.0 525.6
.670	8.067 942	648	8.067 972	649	1.932 028	9.999 970	0	.330	9 595.8 594.0 591.3
671	8.068 590	648	8.068 620	648	1.931 380	9.999 970	0	329	655 652 650
672	8.069 237	647	8.069 267	647	1.930 733	9.999 970	0	328	1 65.5 65.2 65.0
673	8.069 882	645	8.069 912	645	1.930 088	9.999 970	0	327	2 131.0 130.4 130.0
674	8.070 527	645	8.070 557	645	1.929 443	9.999 970	0	326	3 196.5 195.6 195.0
675	8.071 171	644	8.071 201	644	1.928 799	9.999 970	0	325	4 262.0 260.8 260.0
676	8.071 814	643	8.071 844	643	1.928 156	9.999 970	0	324	5 327.5 326.0 325.0
677	8.072 456	642	8.072 486	642	1.927 514	9.999 970	0	323	6 393.0 391.2 390.0
678	8.073 097	641	8.073 127	641	1.926 873	9.999 970	0	322	7 458.5 456.4 455.0
679	8.073 737	640	8.073 767	640	1.926 233	9.999 970	0	321	8 524.0 521.6 520.0
.680	8.074 376	639	8.074 407	640	1.925 593	9.999 969	1	.320	9 589.5 586.8 585.0
681	8.075 014	638	8.075 045	638	1.924 955	9.999 969	0	319	647 645 642
682	8.075 651	637	8.075 682	637	1.924 318	9.999 969	0	318	1 64.7 64.5 64.2
683	8.076 288	637	8.076 319	637	1.923 681	9.999 969	0	317	2 129.4 129.0 128.4
684	8.076 923	635	8.076 954	635	1.923 046	9.999 969	0	316	3 194.1 193.5 192.6
685	8.077 558	635	8.077 589	635	1.922 411	9.999 969	0	315	4 258.8 258.0 256.8
686	8.078 191	633	8.078 222	633	1.921 778	9.999 969	0	314	5 323.5 322.5 321.0
687	8.078 824	633	8.078 855	633	1.921 145	9.999 969	0	313	6 388.2 387.0 385.2
688	8.079 455	631	8.079 487	632	1.920 513	9.999 969	0	312	7 452.9 451.5 449.4
689	8.080 086	631	8.080 118	631	1.919 882	9.999 969	0	311	8 517.6 516.0 513.6
.690	8.080 716	630	8.080 747	629	1.919 253	9.999 969	0	.310	9 582.3 580.5 577.8
691	8.081 345	629	8.081 376	629	1.918 624	9.999 968	1	309	640 637 635
692	8.081 973	628	8.082 005	629	1.917 995	9.999 968	0	308	1 64.0 63.7 63.5
693	8.082 600	627	8.082 632	627	1.917 368	9.999 968	0	307	2 128.0 127.4 127.0
694	8.083 226	626	8.083 258	626	1.916 742	9.999 968	0	306	3 192.0 191.1 190.5
695	8.083 852	626	8.083 883	625	1.916 117	9.999 968	0	305	4 256.0 254.8 254.0
696	8.084 476	624	8.084 508	625	1.915 492	9.999 968	0	304	5 320.0 318.5 317.5
697	8.085 099	623	8.085 132	624	1.914 868	9.999 968	0	303	6 384.0 382.2 381.0
698	8.085 722	623	8.085 754	622	1.914 246	9.999 968	0	302	7 448.0 445.9 444.5
699	8.086 344	622	8.086 376	622	1.913 624	9.999 968	0	301	8 512.0 509.6 508.0
.700	8.086 965	621	8.086 997	621	1.913 003	9.999 968	0	.300	9 576.0 573.3 571.5
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.350 — 89°.300

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.700 — 0°.750

0°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.086 965		8.086 997		1.913 003	9.999 968		.300	
701	8.087 585	620	8.087 617	620	1.912 383	9.999 967	1	299	
702	8.088 204	619	8.088 236	619	1.911 764	9.999 967	0	298	
703	8.088 822	618	8.088 854	618	1.911 146	9.999 967	0	297	
704	8.089 439	617	8.089 472	616	1.910 528	9.999 967	0	296	
705	8.090 056	617	8.090 088	616	1.909 912	9.999 967	0	295	
706	8.090 671	615	8.090 704	616	1.909 296	9.999 967	0	294	
707	8.091 286	615	8.091 319	615	1.908 681	9.999 967	0	293	
708	8.091 900	614	8.091 933	614	1.908 067	9.999 967	0	292	
709	8.092 513	613	8.092 546	613	1.907 454	9.999 967	0	291	
.710	8.093 125	612	8.093 158	612	1.906 842	9.999 967	0	.290	
711	8.093 736	611	8.093 769	611	1.906 231	9.999 967	0	289	
712	8.094 346	610	8.094 380	611	1.905 620	9.999 966	1	288	
713	8.094 956	610	8.094 989	609	1.905 011	9.999 966	0	287	
714	8.095 564	608	8.095 598	609	1.904 402	9.999 966	0	286	
715	8.096 172	608	8.096 206	608	1.903 794	9.999 966	0	285	
716	8.096 779	607	8.096 813	607	1.903 187	9.999 966	0	284	
717	8.097 385	606	8.097 419	606	1.902 581	9.999 966	0	283	
718	8.097 990	605	8.098 025	606	1.901 975	9.999 966	0	282	
719	8.098 595	605	8.098 629	604	1.901 371	9.999 966	0	281	
.720	8.099 198	603	8.099 233	604	1.900 767	9.999 966	0	.280	
721	8.099 801	603	8.099 836	603	1.900 164	9.999 966	0	279	
722	8.100 403	602	8.100 438	602	1.899 562	9.999 966	0	278	
723	8.101 004	601	8.101 039	601	1.898 961	9.999 965	1	277	
724	8.101 604	600	8.101 639	600	1.898 361	9.999 965	0	276	
725	8.102 204	600	8.102 239	600	1.897 761	9.999 965	0	275	
726	8.102 802	598	8.102 837	598	1.897 163	9.999 965	0	274	
727	8.103 400	598	8.103 435	598	1.896 565	9.999 965	0	273	
728	8.103 997	597	8.104 032	597	1.895 968	9.999 965	0	272	
729	8.104 593	596	8.104 628	596	1.895 372	9.999 965	0	271	
.730	8.105 188	595	8.105 224	596	1.894 776	9.999 965	0	.270	
731	8.105 783	595	8.105 818	594	1.894 182	9.999 965	0	269	
732	8.106 377	594	8.106 412	594	1.893 588	9.999 965	0	268	
733	8.106 969	592	8.107 005	593	1.892 995	9.999 964	1	267	
734	8.107 562	593	8.107 597	592	1.892 403	9.999 964	0	266	
735	8.108 153	591	8.108 189	592	1.891 811	9.999 964	0	265	
736	8.108 743	590	8.108 779	590	1.891 221	9.999 964	0	264	
737	8.109 333	590	8.109 369	590	1.890 631	9.999 964	0	263	
738	8.109 922	589	8.109 958	589	1.890 042	9.999 964	0	262	
739	8.110 510	588	8.110 546	588	1.889 454	9.999 964	0	261	
.740	8.111 097	587	8.111 133	587	1.888 867	9.999 964	0	.260	
741	8.111 683	586	8.111 720	587	1.888 280	9.999 964	0	259	
742	8.112 269	586	8.112 306	586	1.887 694	9.999 964	0	258	
743	8.112 854	585	8.112 891	585	1.887 109	9.999 963	1	257	
744	8.113 438	584	8.113 475	584	1.886 525	9.999 963	0	256	
745	8.114 021	583	8.114 058	583	1.885 942	9.999 963	0	255	
746	8.114 604	583	8.114 641	583	1.885 359	9.999 963	0	254	
747	8.115 186	582	8.115 223	582	1.884 777	9.999 963	0	253	
748	8.115 767	581	8.115 804	581	1.884 196	9.999 963	0	252	
749	8.116 347	580	8.116 384	580	1.883 616	9.999 963	0	251	
.750	8.116 926	579	8.116 963	579	1.883 037	9.999 963	0	.250	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.300 — 89°.250

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.750 — 0°.800

0°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.116 926		8.116 963		1.883 037	9.999 963		.250	
751	8.117 505	579	8.117 542	579	1.882 458	9.999 963	0	249	579
752	8.118 083	578	8.118 120	578	1.881 880	9.999 963	0	248	578
753	8.118 660	577	8.118 697	577	1.881 303	9.999 962	1	247	577
754	8.119 236	576	8.119 274	577	1.880 726	9.999 962	0	246	576
755	8.119 812	576	8.119 849	575	1.880 151	9.999 962	0	245	575
756	8.120 387	575	8.120 424	575	1.879 576	9.999 962	0	244	574
757	8.120 961	574	8.120 999	575	1.879 001	9.999 962	0	243	573
758	8.121 534	573	8.121 572	573	1.878 428	9.999 962	0	242	572
759	8.122 106	572	8.122 145	573	1.877 855	9.999 962	0	241	571
.760	8.122 678	572	8.122 716	571	1.877 284	9.999 962	0	.240	
761	8.123 249	571	8.123 288	572	1.876 712	9.999 962	0	239	570
762	8.123 820	571	8.123 858	570	1.876 142	9.999 962	0	238	569
763	8.124 389	569	8.124 428	570	1.875 572	9.999 961	1	237	568
764	8.124 958	569	8.124 996	568	1.875 004	9.999 961	0	236	567
765	8.125 526	568	8.125 565	569	1.874 435	9.999 961	0	235	566
766	8.126 093	567	8.126 132	567	1.873 868	9.999 961	0	234	565
767	8.126 660	567	8.126 699	567	1.873 301	9.999 961	0	233	564
768	8.127 226	566	8.127 265	566	1.872 735	9.999 961	0	232	563
769	8.127 791	565	8.127 830	565	1.872 170	9.999 961	0	231	562
.770	8.128 355	564	8.128 394	564	1.871 606	9.999 961	0	.230	
771	8.128 919	564	8.128 958	564	1.871 042	9.999 961	0	229	561
772	8.129 482	563	8.129 521	563	1.870 479	9.999 961	0	228	560
773	8.130 044	562	8.130 083	562	1.869 917	9.999 960	1	227	559
774	8.130 605	561	8.130 645	562	1.869 355	9.999 960	0	226	558
775	8.131 166	561	8.131 206	561	1.868 794	9.999 960	0	225	557
776	8.131 726	560	8.131 766	560	1.868 234	9.999 960	0	224	556
777	8.132 285	559	8.132 325	559	1.867 675	9.999 960	0	223	555
778	8.132 844	559	8.132 884	559	1.867 116	9.999 960	0	222	554
779	8.133 401	557	8.133 442	558	1.866 558	9.999 960	0	221	553
.780	8.133 959	558	8.133 999	557	1.866 001	9.999 960	0	.220	
781	8.134 515	556	8.134 555	556	1.865 445	9.999 960	0	219	552
782	8.135 071	556	8.135 111	556	1.864 889	9.999 960	0	218	551
783	8.135 626	555	8.135 666	555	1.864 334	9.999 959	1	217	550
784	8.136 180	554	8.136 221	555	1.863 779	9.999 959	0	216	549
785	8.136 733	553	8.136 774	553	1.863 226	9.999 959	0	215	548
786	8.137 286	553	8.137 327	553	1.862 673	9.999 959	0	214	547
787	8.137 838	552	8.137 879	552	1.862 121	9.999 959	0	213	546
788	8.138 390	552	8.138 431	552	1.861 569	9.999 959	0	212	545
789	8.138 941	551	8.138 982	551	1.861 018	9.999 959	0	211	544
.790	8.139 491	550	8.139 532	550	1.860 468	9.999 959	0	.210	
791	8.140 040	549	8.140 081	549	1.859 919	9.999 959	0	209	543
792	8.140 589	549	8.140 630	549	1.859 370	9.999 959	0	208	542
793	8.141 137	548	8.141 178	548	1.858 822	9.999 958	1	207	541
794	8.141 684	547	8.141 726	548	1.858 274	9.999 958	0	206	540
795	8.142 231	547	8.142 272	546	1.857 728	9.999 958	0	205	539
796	8.142 776	545	8.142 818	546	1.857 182	9.999 958	0	204	538
797	8.143 322	546	8.143 364	546	1.856 636	9.999 958	0	203	537
798	8.143 866	544	8.143 908	544	1.856 092	9.999 958	0	202	536
799	8.144 410	544	8.144 452	544	1.855 548	9.999 958	0	201	535
.800	8.144 953	543	8.144 996	544	1.855 004	9.999 958	0	.200	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.250 — 89°.200

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.800 — 0°.850

0°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.144 953		8.144 996		1.855 004	9.999 958		.200	
801	8.145 496	543	8.145 538	542	1.854 462	9.999 958	0	199	
802	8.146 038	542	8.146 080	542	1.853 920	9.999 957	1	198	
803	8.146 579	541	8.146 621	541	1.853 379	9.999 957	0	197	
804	8.147 119	540	8.147 162	541	1.852 838	9.999 957	0	196	
805	8.147 659	540	8.147 702	540	1.852 298	9.999 957	0	195	
806	8.148 198	539	8.148 241	539	1.851 759	9.999 957	0	194	
807	8.148 737	539	8.148 780	539	1.851 220	9.999 957	0	193	
808	8.149 274	537	8.149 318	538	1.850 682	9.999 957	0	192	
809	8.149 811	537	8.149 855	537	1.850 145	9.999 957	0	191	
.810	8.150 348	537	8.150 391	536	1.849 609	9.999 957	0	.190	
811	8.150 884	536	8.150 927	536	1.849 073	9.999 956	1	189	
812	8.151 419	535	8.151 462	535	1.848 538	9.999 956	0	188	
813	8.151 953	534	8.151 997	535	1.848 003	9.999 956	0	187	
814	8.152 487	534	8.152 531	534	1.847 469	9.999 956	0	186	
815	8.153 020	533	8.153 064	533	1.846 936	9.999 956	0	185	
816	8.153 553	533	8.153 597	533	1.846 403	9.999 956	0	184	
817	8.154 085	532	8.154 129	532	1.845 871	9.999 956	0	183	
818	8.154 616	531	8.154 660	531	1.845 340	9.999 956	0	182	
819	8.155 146	530	8.155 191	531	1.844 809	9.999 956	0	181	
.820	8.155 676	530	8.155 721	530	1.844 279	9.999 956	0	.180	
821	8.156 206	530	8.156 250	529	1.843 750	9.999 955	1	179	
822	8.156 734	528	8.156 779	529	1.843 221	9.999 955	0	178	
823	8.157 262	528	8.157 307	528	1.842 693	9.999 955	0	177	
824	8.157 790	528	8.157 835	528	1.842 165	9.999 955	0	176	
825	8.158 316	526	8.158 361	526	1.841 639	9.999 955	0	175	
826	8.158 842	526	8.158 888	527	1.841 112	9.999 955	0	174	
827	8.159 368	526	8.159 413	525	1.840 587	9.999 955	0	173	
828	8.159 893	525	8.159 938	525	1.840 062	9.999 955	0	172	
829	8.160 417	524	8.160 462	524	1.839 538	9.999 955	0	171	
.830	8.160 940	523	8.160 986	524	1.839 014	9.999 954	1	.170	
831	8.161 463	523	8.161 509	523	1.838 491	9.999 954	0	169	
832	8.161 985	522	8.162 031	522	1.837 969	9.999 954	0	168	
833	8.162 507	522	8.162 553	522	1.837 447	9.999 954	0	167	
834	8.163 028	521	8.163 074	521	1.836 926	9.999 954	0	166	
835	8.163 548	520	8.163 595	521	1.836 405	9.999 954	0	165	
836	8.164 068	520	8.164 114	519	1.835 886	9.999 954	0	164	
837	8.164 587	519	8.164 634	520	1.835 366	9.999 954	0	163	
838	8.165 106	519	8.165 152	518	1.834 848	9.999 954	0	162	
839	8.165 624	518	8.165 670	518	1.834 330	9.999 953	1	161	
.840	8.166 141	517	8.166 188	518	1.833 812	9.999 953	0	.160	
841	8.166 658	517	8.166 705	517	1.833 295	9.999 953	0	159	
842	8.167 174	516	8.167 221	516	1.832 779	9.999 953	0	158	
843	8.167 689	515	8.167 736	515	1.832 264	9.999 953	0	157	
844	8.168 204	515	8.168 251	515	1.831 749	9.999 953	0	156	
845	8.168 718	514	8.168 766	515	1.831 234	9.999 953	0	155	
846	8.169 232	514	8.169 279	513	1.830 721	9.999 953	0	154	
847	8.169 745	513	8.169 792	513	1.830 208	9.999 953	0	153	
848	8.170 257	512	8.170 305	513	1.829 695	9.999 952	1	152	
849	8.170 769	512	8.170 817	512	1.829 183	9.999 952	0	151	
.850	8.171 280	511	8.171 328	511	1.828 672	9.999 952	0	.150	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.200 — 89°.150

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.850 — 0°.900

0°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.171 280		8.171 328		1.828 672	9.999 952		.150	
851	8.171 791	511	8.171 839	511	1.828 161	9.999 952	0	149	
852	8.172 301	510	8.172 349	510	1.827 651	9.999 952	0	148	
853	8.172 810	509	8.172 858	509	1.827 142	9.999 952	0	147	
854	8.173 319	509	8.173 367	509	1.826 633	9.999 952	0	146	
855	8.173 827	508	8.173 876	509	1.826 124	9.999 952	0	145	
856	8.174 335	508	8.174 383	507	1.825 617	9.999 952	0	144	
857	8.174 842	507	8.174 891	508	1.825 109	9.999 951	1	143	
858	8.175 348	506	8.175 397	506	1.824 603	9.999 951	0	142	
859	8.175 854	506	8.175 903	506	1.824 097	9.999 951	0	141	
.860	8.176 360	506	8.176 408	505	1.823 592	9.999 951	0	.140	
861	8.176 864	504	8.176 913	505	1.823 087	9.999 951	0	139	
862	8.177 368	504	8.177 417	504	1.822 583	9.999 951	0	138	
863	8.177 872	504	8.177 921	504	1.822 079	9.999 951	0	137	
864	8.178 375	503	8.178 424	503	1.821 576	9.999 951	0	136	
865	8.178 877	502	8.178 926	502	1.821 074	9.999 951	0	135	
866	8.179 379	502	8.179 428	502	1.820 572	9.999 950	1	134	
867	8.179 880	501	8.179 930	502	1.820 070	9.999 950	0	133	
868	8.180 380	500	8.180 430	500	1.819 570	9.999 950	0	132	
869	8.180 880	500	8.180 930	500	1.819 070	9.999 950	0	131	
.870	8.181 380	500	8.181 430	500	1.818 570	9.999 950	0	.130	
871	8.181 879	499	8.181 929	499	1.818 071	9.999 950	0	129	
872	8.182 377	498	8.182 427	498	1.817 573	9.999 950	0	128	
873	8.182 875	498	8.182 925	498	1.817 075	9.999 950	0	127	
874	8.183 372	497	8.183 422	497	1.816 578	9.999 949	1	126	
875	8.183 869	497	8.183 919	497	1.816 081	9.999 949	0	125	
876	8.184 365	496	8.184 415	496	1.815 585	9.999 949	0	124	
877	8.184 860	495	8.184 911	496	1.815 089	9.999 949	0	123	
878	8.185 355	495	8.185 406	495	1.814 594	9.999 949	0	122	
879	8.185 849	494	8.185 900	494	1.814 100	9.999 949	0	121	
.880	8.186 343	494	8.186 394	494	1.813 606	9.999 949	0	.120	
881	8.186 836	493	8.186 888	494	1.813 112	9.999 949	0	119	
882	8.187 329	493	8.187 380	492	1.812 620	9.999 949	0	118	
883	8.187 821	492	8.187 872	492	1.812 128	9.999 948	1	117	
884	8.188 312	491	8.188 364	492	1.811 636	9.999 948	0	116	
885	8.188 803	491	8.188 855	491	1.811 145	9.999 948	0	115	
886	8.189 294	491	8.189 346	491	1.810 654	9.999 948	0	114	
887	8.189 784	490	8.189 836	490	1.810 164	9.999 948	0	113	
888	8.190 273	489	8.190 325	489	1.809 675	9.999 948	0	112	
889	8.190 762	489	8.190 814	489	1.809 186	9.999 948	0	111	
.890	8.191 250	488	8.191 302	488	1.808 698	9.999 948	0	.110	
891	8.191 738	488	8.191 790	488	1.808 210	9.999 947	1	109	
892	8.192 225	487	8.192 277	487	1.807 723	9.999 947	0	108	
893	8.192 711	486	8.192 764	487	1.807 236	9.999 947	0	107	
894	8.193 197	486	8.193 250	486	1.806 750	9.999 947	0	106	
895	8.193 683	486	8.193 736	486	1.806 264	9.999 947	0	105	
896	8.194 168	485	8.194 221	485	1.805 779	9.999 947	0	104	
897	8.194 652	484	8.194 705	484	1.805 295	9.999 947	0	103	
898	8.195 136	484	8.195 189	484	1.804 811	9.999 947	0	102	
899	8.195 619	483	8.195 673	484	1.804 327	9.999 947	0	101	
.900	8.196 102	483	8.196 156	483	1.803 844	9.999 946	1	.100	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.150 — 89°.100

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.900 — 0°.950

0°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.196 102		8.196 156		1.803 844	9.999 946		.100	
901	8.196 584	482	8.196 638	482	1.803 362	9.999 946	0	099	482 480 478
902	8.197 066	482	8.197 120	482	1.802 880	9.999 946	0	098	1 48.2 48.0 47.8
903	8.197 547	481	8.197 601	481	1.802 399	9.999 946	0	097	2 96.4 96.0 95.6
904	8.198 028	481	8.198 082	481	1.801 918	9.999 946	0	096	3 144.6 144.0 143.4
905	8.198 508	480	8.198 562	480	1.801 438	9.999 946	0	095	4 192.8 192.0 191.2
906	8.198 987	479	8.199 042	480	1.800 958	9.999 946	0	094	5 241.0 240.0 239.0
907	8.199 467	480	8.199 521	479	1.800 479	9.999 946	0	093	6 289.2 288.0 286.8
908	8.199 945	478	8.200 000	479	1.800 000	9.999 945	1	092	7 337.4 336.0 334.6
909	8.200 423	478	8.200 478	478	1.799 522	9.999 945	0	091	8 385.6 384.0 382.4
.910	8.200 901	478	8.200 955	477	1.799 045	9.999 945	0	.090	9 433.8 432.0 430.2
911	8.201 377	476	8.201 432	477	1.798 568	9.999 945	0	089	476 474 472
912	8.201 854	477	8.201 909	477	1.798 091	9.999 945	0	088	1 47.6 47.4 47.2
913	8.202 330	476	8.202 385	476	1.797 615	9.999 945	0	087	2 95.2 94.8 94.4
914	8.202 805	475	8.202 860	475	1.797 140	9.999 945	0	086	3 142.8 142.2 141.6
915	8.203 280	475	8.203 335	475	1.796 665	9.999 945	0	085	4 190.4 189.6 188.8
916	8.203 754	474	8.203 810	475	1.796 190	9.999 944	1	084	5 238.0 237.0 236.0
917	8.204 228	474	8.204 284	474	1.795 716	9.999 944	0	083	6 285.6 284.4 283.2
918	8.204 701	473	8.204 757	473	1.795 243	9.999 944	0	082	7 333.2 331.8 330.4
919	8.205 174	473	8.205 230	473	1.794 770	9.999 944	0	081	8 380.8 379.2 377.6
.920	8.205 647	473	8.205 703	473	1.794 297	9.999 944	0	.080	9 428.4 426.6 424.8
921	8.206 118	471	8.206 174	471	1.793 826	9.999 944	0	079	471 470 469
922	8.206 590	472	8.206 646	472	1.793 354	9.999 944	0	078	1 47.1 47.0 46.9
923	8.207 060	470	8.207 117	471	1.792 883	9.999 944	0	077	2 94.2 94.0 93.8
924	8.207 531	471	8.207 587	470	1.792 413	9.999 944	1	076	3 141.3 141.0 140.7
925	8.208 000	469	8.208 057	470	1.791 943	9.999 943	0	075	4 188.4 188.0 187.6
926	8.208 469	469	8.208 526	469	1.791 474	9.999 943	0	074	5 235.5 235.0 234.5
927	8.208 938	469	8.208 995	469	1.791 005	9.999 943	0	073	6 282.6 282.0 281.4
928	8.209 406	468	8.209 463	468	1.790 537	9.999 943	0	072	7 329.7 329.0 328.3
929	8.209 874	468	8.209 931	468	1.790 069	9.999 943	0	071	8 376.8 376.0 375.2
.930	8.210 341	467	8.210 398	467	1.789 602	9.999 943	0	.070	9 423.9 423.0 422.1
931	8.210 808	467	8.210 865	467	1.789 135	9.999 943	0	069	465 464 463
932	8.211 274	466	8.211 332	467	1.788 668	9.999 943	0	068	1 46.5 46.4 46.3
933	8.211 740	466	8.211 797	465	1.788 203	9.999 942	1	067	2 93.0 92.8 92.6
934	8.212 205	465	8.212 263	466	1.787 737	9.999 942	0	066	3 139.5 139.2 138.9
935	8.212 670	465	8.212 728	465	1.787 272	9.999 942	0	065	4 186.0 185.6 185.2
936	8.213 134	464	8.213 192	464	1.786 808	9.999 942	0	064	5 232.5 232.0 231.5
937	8.213 598	464	8.213 656	464	1.786 344	9.999 942	0	063	6 279.0 278.4 277.8
938	8.214 061	463	8.214 119	463	1.785 881	9.999 942	0	062	7 325.5 324.8 324.1
939	8.214 524	463	8.214 582	463	1.785 418	9.999 942	0	061	8 372.0 371.2 370.4
.940	8.214 986	462	8.215 044	462	1.784 956	9.999 942	0	.060	9 418.5 417.6 416.7
941	8.215 447	461	8.215 506	462	1.784 494	9.999 941	1	059	462 461 460
942	8.215 909	462	8.215 967	461	1.784 033	9.999 941	0	058	1 46.2 46.1 46.0
943	8.216 369	460	8.216 428	461	1.783 572	9.999 941	0	057	2 92.4 92.2 92.0
944	8.216 830	461	8.216 889	461	1.783 111	9.999 941	0	056	3 138.6 138.3 138.0
945	8.217 289	459	8.217 349	460	1.782 651	9.999 941	0	055	4 184.8 184.4 184.0
946	8.217 749	460	8.217 808	459	1.782 192	9.999 941	0	054	5 231.0 230.5 230.0
947	8.218 208	459	8.218 267	459	1.781 733	9.999 941	0	053	6 277.2 276.6 276.0
948	8.218 666	458	8.218 725	458	1.781 275	9.999 941	0	052	7 323.4 322.7 322.0
949	8.219 124	458	8.219 183	458	1.780 817	9.999 940	1	051	8 369.6 368.8 368.0
.950	8.219 581	457	8.219 641	458	1.780 359	9.999 940	0	.050	9 415.8 414.9 414.0
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.100 — 89°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

0°.950 — 1°.000

0°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.219 581		8.219 641		1.780 359	9.999 940		.050	
951	8.220 038	457	8.220 098	457	1.779 902	9.999 940	0	049	
952	8.220 494	456	8.220 554	456	1.779 446	9.999 940	0	048	
953	8.220 950	456	8.221 010	456	1.778 990	9.999 940	0	047	
954	8.221 406	456	8.221 466	456	1.778 534	9.999 940	0	046	
955	8.221 861	455	8.221 921	455	1.778 079	9.999 940	0	045	
956	8.222 315	454	8.222 376	455	1.777 624	9.999 940	0	044	
957	8.222 769	454	8.222 830	454	1.777 170	9.999 939	1	043	
958	8.223 223	454	8.223 283	453	1.776 717	9.999 939	0	042	
959	8.223 676	453	8.223 737	454	1.776 263	9.999 939	0	041	
.960	8.224 128	452	8.224 189	452	1.775 811	9.999 939	0	.040	
961	8.224 580	452	8.224 641	452	1.775 359	9.999 939	0	039	
962	8.225 032	452	8.225 093	452	1.774 907	9.999 939	0	038	
963	8.225 483	451	8.225 545	452	1.774 455	9.999 939	0	037	
964	8.225 934	451	8.225 995	450	1.774 005	9.999 939	0	036	
965	8.226 384	450	8.226 446	451	1.773 554	9.999 938	1	035	
966	8.226 834	450	8.226 896	450	1.773 104	9.999 938	0	034	
967	8.227 283	449	8.227 345	449	1.772 655	9.999 938	0	033	
968	8.227 732	449	8.227 794	449	1.772 206	9.999 938	0	032	
969	8.228 180	448	8.228 243	449	1.771 757	9.999 938	0	031	
.970	8.228 628	448	8.228 691	448	1.771 309	9.999 938	0	.030	
971	8.229 076	448	8.229 138	447	1.770 862	9.999 938	0	029	
972	8.229 523	447	8.229 585	447	1.770 415	9.999 938	0	028	
973	8.229 969	446	8.230 032	447	1.769 968	9.999 937	1	027	
974	8.230 415	446	8.230 478	446	1.769 522	9.999 937	0	026	
975	8.230 861	446	8.230 924	446	1.769 076	9.999 937	0	025	
976	8.231 306	445	8.231 369	445	1.768 631	9.999 937	0	024	
977	8.231 751	445	8.231 814	445	1.768 186	9.999 937	0	023	
978	8.232 195	444	8.232 258	444	1.767 742	9.999 937	0	022	
979	8.232 639	444	8.232 702	444	1.767 298	9.999 937	0	021	
.980	8.233 082	443	8.233 146	444	1.766 854	9.999 936	1	.020	
981	8.233 525	443	8.233 589	443	1.766 411	9.999 936	0	019	
982	8.233 968	443	8.234 031	442	1.765 969	9.999 936	0	018	
983	8.234 410	442	8.234 473	442	1.765 527	9.999 936	0	017	
984	8.234 851	441	8.234 915	442	1.765 085	9.999 936	0	016	
985	8.235 292	441	8.235 356	441	1.764 644	9.999 936	0	015	
986	8.235 733	441	8.235 797	441	1.764 203	9.999 936	0	014	
987	8.236 173	440	8.236 237	440	1.763 763	9.999 936	0	013	
988	8.236 613	440	8.236 677	440	1.763 323	9.999 935	1	012	
989	8.237 052	439	8.237 117	440	1.762 883	9.999 935	0	011	
.990	8.237 491	439	8.237 556	439	1.762 444	9.999 935	0	.010	
991	8.237 929	438	8.237 994	438	1.762 006	9.999 935	0	009	
992	8.238 367	438	8.238 432	438	1.761 568	9.999 935	0	008	
993	8.238 805	438	8.238 870	438	1.761 130	9.999 935	0	007	
994	8.239 242	437	8.239 307	437	1.760 693	9.999 935	0	006	
995	8.239 679	437	8.239 744	437	1.760 256	9.999 935	0	005	
996	8.240 115	436	8.240 180	436	1.759 820	9.999 934	1	004	
997	8.240 551	436	8.240 616	436	1.759 384	9.999 934	0	003	
998	8.240 986	435	8.241 052	436	1.758 948	9.999 934	0	002	
999	8.241 421	435	8.241 487	435	1.758 513	9.999 934	0	001	
*.000	8.241 855	434	8.241 921	434	1.758 079	9.999 934	0	.000	
	cos	d	cotg	d	tang	sin	d	89°	P.P.

89°.050 — 89°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.000 — 1°.050

1°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.241 855		8.241 921		1.758 079	9.999 934		*.000	
001	8.242 289	434	8.242 356	435	1.757 644	9.999 934	0	999	435 434 433
002	8.242 723	434	8.242 789	433	1.757 211	9.999 934	0	998	1 43.5 43.4 43.3
003	8.243 156	433	8.243 223	434	1.756 777	9.999 933	1	997	2 87.0 86.8 86.6
004	8.243 589	433	8.243 656	433	1.756 344	9.999 933	0	996	3 130.5 130.2 129.9
005	8.244 021	432	8.244 088	432	1.755 912	9.999 933	0	995	4 174.0 173.6 173.2
006	8.244 453	432	8.244 520	432	1.755 480	9.999 933	0	994	5 217.5 217.0 216.5
007	8.244 884	431	8.244 952	432	1.755 048	9.999 933	0	993	6 261.0 260.4 259.8
008	8.245 315	431	8.245 383	431	1.754 617	9.999 933	0	992	7 304.5 303.8 303.1
009	8.245 746	431	8.245 813	430	1.754 187	9.999 933	0	991	8 348.0 347.2 346.4
.010	8.246 176	430	8.246 244	431	1.753 756	9.999 933	0	.990	9 391.5 390.6 389.7
011	8.246 606	430	8.246 674	430	1.753 326	9.999 932	1	989	432 430 429
012	8.247 035	429	8.247 103	429	1.752 897	9.999 932	0	988	1 43.2 43.0 42.9
013	8.247 464	429	8.247 532	429	1.752 468	9.999 932	0	987	2 86.4 86.0 85.8
014	8.247 893	429	8.247 961	429	1.752 039	9.999 932	0	986	3 129.6 129.0 128.7
015	8.248 321	428	8.248 389	428	1.751 611	9.999 932	0	985	4 172.8 172.0 171.6
016	8.248 748	427	8.248 817	428	1.751 183	9.999 932	0	984	5 216.0 215.0 214.5
017	8.249 176	428	8.249 244	427	1.750 756	9.999 932	0	983	6 259.2 258.0 257.4
018	8.249 602	426	8.249 671	427	1.750 329	9.999 931	1	982	7 302.4 301.0 300.3
019	8.250 029	427	8.250 097	426	1.749 903	9.999 931	0	981	8 345.6 344.0 343.2
.020	8.250 455	426	8.250 523	426	1.749 477	9.999 931	0	.980	9 388.8 387.0 386.1
021	8.250 880	425	8.250 949	426	1.749 051	9.999 931	0	979	428 427 426
022	8.251 305	425	8.251 374	425	1.748 626	9.999 931	0	978	1 42.8 42.7 42.6
023	8.251 730	425	8.251 799	425	1.748 201	9.999 931	0	977	2 85.6 85.4 85.2
024	8.252 154	424	8.252 224	425	1.747 776	9.999 931	0	976	3 128.4 128.1 127.8
025	8.252 578	424	8.252 648	424	1.747 352	9.999 931	0	975	4 171.2 170.8 170.4
026	8.253 002	424	8.253 071	423	1.746 929	9.999 930	1	974	5 214.0 213.5 213.0
027	8.253 425	423	8.253 494	423	1.746 506	9.999 930	0	973	6 256.8 256.2 255.6
028	8.253 847	422	8.253 917	423	1.746 083	9.999 930	0	972	7 299.6 298.9 298.2
029	8.254 269	422	8.254 339	422	1.745 661	9.999 930	0	971	8 342.4 341.6 340.8
.030	8.254 691	422	8.254 761	422	1.745 239	9.999 930	0	.970	9 385.2 384.3 383.4
031	8.255 113	422	8.255 183	422	1.744 817	9.999 930	0	969	425 424 423
032	8.255 534	421	8.255 604	421	1.744 396	9.999 930	0	968	1 42.5 42.4 42.3
033	8.255 954	420	8.256 025	421	1.743 975	9.999 929	1	967	2 85.0 84.8 84.6
034	8.256 374	420	8.256 445	420	1.743 555	9.999 929	0	966	3 127.5 127.2 126.9
035	8.256 794	420	8.256 865	420	1.743 135	9.999 929	0	965	4 170.0 169.6 169.2
036	8.257 213	419	8.257 284	419	1.742 716	9.999 929	0	964	5 212.5 212.0 211.5
037	8.257 632	419	8.257 704	420	1.742 296	9.999 929	0	963	6 255.0 254.4 253.8
038	8.258 051	418	8.258 122	418	1.741 878	9.999 929	0	962	7 297.5 296.8 296.1
039	8.258 469	418	8.258 541	417	1.741 459	9.999 929	1	961	8 340.0 339.2 338.4
.040	8.258 887	417	8.258 958	418	1.741 042	9.999 928	0	.960	9 382.5 381.6 380.7
041	8.259 304	417	8.259 376	418	1.740 624	9.999 928	0	959	422 420 419
042	8.259 721	417	8.259 793	417	1.740 207	9.999 928	0	958	1 42.2 42.0 41.9
043	8.260 138	417	8.260 210	417	1.739 790	9.999 928	0	957	2 84.4 84.0 83.8
044	8.260 554	416	8.260 626	416	1.739 374	9.999 928	0	956	3 126.6 126.0 125.7
045	8.260 970	416	8.261 042	416	1.738 958	9.999 928	0	955	4 168.8 168.0 167.6
046	8.261 385	415	8.261 457	415	1.738 543	9.999 928	0	954	5 211.0 210.0 209.5
047	8.261 800	415	8.261 872	415	1.738 128	9.999 927	1	953	6 253.2 252.0 251.4
048	8.262 214	414	8.262 287	415	1.737 713	9.999 927	0	952	7 295.4 294.0 293.3
049	8.262 629	415	8.262 701	414	1.737 299	9.999 927	0	951	8 337.6 336.0 335.2
.050	8.263 042	413	8.263 115	414	1.736 885	9.999 927	0	.950	9 379.8 378.0 377.1
	cos	d	cotg	d	tang	sin	d	88°	P.P.

89°.000 — 88°.950

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.050 — 1°.100

1°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.263 042		8.263 115		1.736 885	9.999 927		.950	
051	8.263 456	414	8.263 529	414	1.736 471	9.999 927	0	949	414 413 412
052	8.263 869	413	8.263 942	413	1.736 058	9.999 927	0	948	1 41.4 41.3 41.2
053	8.264 281	412	8.264 355	413	1.735 645	9.999 927	0	947	2 82.8 82.6 82.4
		412		412			0		3 124.2 123.9 123.6
054	8.264 693	412	8.264 767	412	1.735 233	9.999 927	1	946	4 165.6 165.2 164.8
055	8.265 105	412	8.265 179	412	1.734 821	9.999 926	0	945	5 207.0 206.5 206.0
056	8.265 517	412	8.265 590	411	1.734 410	9.999 926	0	944	6 248.4 247.8 247.2
		411		412			0		7 289.8 289.1 288.4
057	8.265 928	410	8.266 002	410	1.733 998	9.999 926	0	943	8 331.2 330.4 329.6
058	8.266 338	411	8.266 412	411	1.733 588	9.999 926	0	942	9 372.6 371.7 370.8
059	8.266 749	409	8.266 823	410	1.733 177	9.999 926	0	941	411 410 409
.060	8.267 158	410	8.267 233	409	1.732 767	9.999 926	0	.940	
061	8.267 568	409	8.267 642	409	1.732 358	9.999 926	0	939	1 41.1 41.0 40.9
062	8.267 977	409	8.268 052	410	1.731 948	9.999 925	1	938	2 82.2 82.0 81.8
063	8.268 386	409	8.268 460	408	1.731 540	9.999 925	0	937	3 123.3 123.0 122.7
		408		409			0		4 164.4 164.0 163.6
064	8.268 794	408	8.268 869	409	1.731 131	9.999 925	0	936	5 205.5 205.0 204.5
065	8.269 202	408	8.269 277	408	1.730 723	9.999 925	0	935	6 246.6 246.0 245.4
066	8.269 610	408	8.269 685	408	1.730 315	9.999 925	0	934	7 287.7 287.0 286.3
		407		407			0		8 328.8 328.0 327.2
067	8.270 017	407	8.270 092	407	1.729 908	9.999 925	1	933	9 369.9 369.0 368.1
068	8.270 423	406	8.270 499	406	1.729 501	9.999 925	0	932	408 407 406
069	8.270 830	406	8.270 905	406	1.729 095	9.999 924	0	931	1 40.8 40.7 40.6
.070	8.271 236	406	8.271 312	407	1.728 688	9.999 924	0	.930	
071	8.271 642	406	8.271 717	405	1.728 283	9.999 924	0	929	2 81.6 81.4 81.2
072	8.272 047	405	8.272 123	406	1.727 877	9.999 924	0	928	3 122.4 122.1 121.8
073	8.272 452	405	8.272 528	405	1.727 472	9.999 924	0	927	4 163.2 162.8 162.4
		404		405			0		5 204.0 203.5 203.0
074	8.272 856	404	8.272 933	404	1.727 067	9.999 924	0	926	6 244.8 244.2 243.6
075	8.273 260	404	8.273 337	404	1.726 663	9.999 924	1	925	7 285.6 284.9 284.2
076	8.273 664	404	8.273 741	404	1.726 259	9.999 923	0	924	8 326.4 325.6 324.8
		403		403			0		9 367.2 366.3 365.4
077	8.274 067	403	8.274 144	403	1.725 856	9.999 923	0	923	405 404
078	8.274 471	404	8.274 547	403	1.725 453	9.999 923	0	922	1 40.5 40.4 40.3
079	8.274 873	402	8.274 950	403	1.725 050	9.999 923	0	921	2 81.0 80.8 80.6
.080	8.275 275	402	8.275 353	403	1.724 647	9.999 923	0	.920	
081	8.275 677	402	8.275 755	402	1.724 245	9.999 923	0	919	3 121.5 121.2 120.9
082	8.276 079	401	8.276 156	401	1.723 844	9.999 923	1	918	4 162.0 161.6 161.2
083	8.276 480	401	8.276 558	400	1.723 442	9.999 922	0	917	5 202.5 202.0 201.5
		400		401			0		6 243.0 242.4 241.8
084	8.276 881	400	8.276 958	401	1.723 042	9.999 922	0	916	7 283.5 282.8 282.1
085	8.277 281	400	8.277 359	400	1.722 641	9.999 922	0	915	8 323.2 322.4 321.6
086	8.277 681	400	8.277 759	400	1.722 241	9.999 922	0	914	9 363.6 362.7 361.8
		400		400			0		400 399 398
087	8.278 081	399	8.278 159	399	1.721 841	9.999 922	0	913	1 40.0 39.9 39.8
088	8.278 480	399	8.278 558	399	1.721 442	9.999 922	0	912	2 80.0 79.8 79.6
089	8.278 879	399	8.278 958	398	1.721 042	9.999 922	1	911	3 120.0 119.7 119.4
.090	8.279 278	398	8.279 356	399	1.720 644	9.999 921	0	.910	
091	8.279 676	398	8.279 755	398	1.720 245	9.999 921	0	909	4 160.0 159.6 159.2
092	8.280 074	397	8.280 153	397	1.719 847	9.999 921	0	908	5 200.0 199.5 199.0
093	8.280 471	397	8.280 550	397	1.719 450	9.999 921	0	907	6 240.0 239.4 238.8
		397		397			0		7 280.0 279.3 278.6
094	8.280 868	397	8.280 947	397	1.719 053	9.999 921	0	906	8 320.0 319.2 318.4
095	8.281 265	397	8.281 344	397	1.718 656	9.999 921	0	905	9 360.0 359.1 358.2
096	8.281 661	396	8.281 741	397	1.718 259	9.999 921	0	904	397 396 395
		396		396			1		1 39.7 39.6 39.5
097	8.282 057	396	8.282 137	396	1.717 863	9.999 920	0	903	2 79.4 79.2 79.0
098	8.282 453	396	8.282 533	396	1.717 467	9.999 920	0	902	3 119.1 118.8 118.5
099	8.282 848	395	8.282 928	395	1.717 072	9.999 920	0	901	4 158.8 158.4 158.0
.100	8.283 243	395	8.283 323	395	1.716 677	9.999 920	0	.900	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.950 — 88°.900

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.100 — 1°.150

1°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.283 243		8.283 323		1.716 677	9.999 920		.900	
101	8.283 638	395	8.283 718	395	1.716 282	9.999 920	0	899	
102	8.284 032	394	8.284 113	395	1.715 887	9.999 920	0	898	
103	8.284 426	394	8.284 507	394	1.715 493	9.999 920	0	897	
104	8.284 820	394	8.284 900	393	1.715 100	9.999 919	1	896	
105	8.285 213	393	8.285 293	393	1.714 707	9.999 919	0	895	
106	8.285 606	393	8.285 686	393	1.714 314	9.999 919	0	894	
107	8.285 998	392	8.286 079	393	1.713 921	9.999 919	0	893	
108	8.286 390	392	8.286 471	392	1.713 529	9.999 919	0	892	
109	8.286 782	392	8.286 863	392	1.713 137	9.999 919	0	891	
.110	8.287 173	391	8.287 255	392	1.712 745	9.999 918	1	.890	
111	8.287 564	391	8.287 646	391	1.712 354	9.999 918	0	889	
112	8.287 955	391	8.288 037	391	1.711 963	9.999 918	0	888	
113	8.288 345	390	8.288 427	390	1.711 573	9.999 918	0	887	
114	8.288 735	390	8.288 817	390	1.711 183	9.999 918	0	886	
115	8.289 125	390	8.289 207	390	1.710 793	9.999 918	0	885	
116	8.289 514	389	8.289 596	389	1.710 404	9.999 918	0	884	
117	8.289 903	389	8.289 986	390	1.710 014	9.999 917	1	883	
118	8.290 292	389	8.290 374	388	1.709 626	9.999 917	0	882	
119	8.290 680	388	8.290 763	389	1.709 237	9.999 917	0	881	
.120	8.291 068	388	8.291 151	388	1.708 849	9.999 917	0	.880	
121	8.291 455	387	8.291 538	387	1.708 462	9.999 917	0	879	
122	8.291 842	387	8.291 926	388	1.708 074	9.999 917	0	878	
123	8.292 229	387	8.292 313	387	1.707 687	9.999 917	0	877	
124	8.292 616	387	8.292 699	386	1.707 301	9.999 916	1	876	
125	8.293 002	386	8.293 086	387	1.706 914	9.999 916	0	875	
126	8.293 388	386	8.293 472	386	1.706 528	9.999 916	0	874	
127	8.293 773	385	8.293 857	385	1.706 143	9.999 916	0	873	
128	8.294 158	385	8.294 243	386	1.705 757	9.999 916	0	872	
129	8.294 543	385	8.294 628	385	1.705 372	9.999 916	0	871	
.130	8.294 928	385	8.295 012	384	1.704 988	9.999 916	0	.870	
131	8.295 312	384	8.295 396	384	1.704 604	9.999 915	1	869	
132	8.295 696	384	8.295 780	384	1.704 220	9.999 915	0	868	
133	8.296 079	383	8.296 164	384	1.703 836	9.999 915	0	867	
134	8.296 462	383	8.296 547	383	1.703 453	9.999 915	0	866	
135	8.296 845	383	8.296 930	383	1.703 070	9.999 915	0	865	
136	8.297 227	382	8.297 313	383	1.702 687	9.999 915	0	864	
137	8.297 609	382	8.297 695	382	1.702 305	9.999 914	1	863	
138	8.297 991	382	8.298 077	382	1.701 923	9.999 914	0	862	
139	8.298 372	381	8.298 458	381	1.701 542	9.999 914	0	861	
.140	8.298 754	382	8.298 840	382	1.701 160	9.999 914	0	.860	
141	8.299 134	380	8.299 220	380	1.700 780	9.999 914	0	859	
142	8.299 515	381	8.299 601	381	1.700 399	9.999 914	0	858	
143	8.299 895	380	8.299 981	380	1.700 019	9.999 914	0	857	
144	8.300 275	380	8.300 361	380	1.699 639	9.999 913	1	856	
145	8.300 654	379	8.300 741	380	1.699 259	9.999 913	0	855	
146	8.301 033	379	8.301 120	379	1.698 880	9.999 913	0	854	
147	8.301 412	379	8.301 499	379	1.698 501	9.999 913	0	853	
148	8.301 790	378	8.301 877	378	1.698 123	9.999 913	0	852	
149	8.302 168	378	8.302 256	379	1.697 744	9.999 913	0	851	
.150	8.302 546	378	8.302 634	378	1.697 366	9.999 913	0	.850	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.900 — 88°.850

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.150 — 1°.200

1°	sin	d	tang	d	cotg	cos	d		P.P.																																								
.150	8.302 546		8.302 634		1.697 366	9.999 913		.850																																									
151	8.302 923	377	8.303 011	377	1.696 989	9.999 912	1	849	<table><tr><td></td><td>378</td><td>377</td></tr><tr><td>1</td><td>37.8</td><td>37.7</td></tr><tr><td>2</td><td>75.6</td><td>75.4</td></tr><tr><td>3</td><td>113.4</td><td>113.1</td></tr><tr><td>4</td><td>151.2</td><td>150.8</td></tr><tr><td>5</td><td>189.0</td><td>188.5</td></tr><tr><td>6</td><td>226.8</td><td>226.2</td></tr><tr><td>7</td><td>264.6</td><td>263.9</td></tr><tr><td>8</td><td>302.4</td><td>301.6</td></tr><tr><td>9</td><td>340.2</td><td>339.3</td></tr></table>		378	377	1	37.8	37.7	2	75.6	75.4	3	113.4	113.1	4	151.2	150.8	5	189.0	188.5	6	226.8	226.2	7	264.6	263.9	8	302.4	301.6	9	340.2	339.3										
	378	377																																															
1	37.8	37.7																																															
2	75.6	75.4																																															
3	113.4	113.1																																															
4	151.2	150.8																																															
5	189.0	188.5																																															
6	226.8	226.2																																															
7	264.6	263.9																																															
8	302.4	301.6																																															
9	340.2	339.3																																															
152	8.303 301	378	8.303 388	377	1.696 612	9.999 912	0	848																																									
153	8.303 677	376	8.303 765	377	1.696 235	9.999 912	0	847																																									
154	8.304 054	377	8.304 142	377	1.695 858	9.999 912	0	846																																									
155	8.304 430	376	8.304 518	376	1.695 482	9.999 912	0	845																																									
156	8.304 806	376	8.304 894	376	1.695 106	9.999 912	0	844																																									
157	8.305 181	375	8.305 270	376	1.694 730	9.999 911	1	843																																									
158	8.305 556	375	8.305 645	375	1.694 355	9.999 911	0	842																																									
159	8.305 931	375	8.306 020	375	1.693 980	9.999 911	0	841	<table><tr><td></td><td>376</td><td>375</td><td>374</td></tr><tr><td>1</td><td>37.6</td><td>37.5</td><td>37.4</td></tr><tr><td>2</td><td>75.2</td><td>75.0</td><td>74.8</td></tr><tr><td>3</td><td>112.8</td><td>112.5</td><td>112.2</td></tr><tr><td>4</td><td>150.4</td><td>150.0</td><td>149.6</td></tr><tr><td>5</td><td>188.0</td><td>187.5</td><td>187.0</td></tr><tr><td>6</td><td>225.6</td><td>225.0</td><td>224.4</td></tr><tr><td>7</td><td>263.2</td><td>262.5</td><td>261.8</td></tr><tr><td>8</td><td>300.8</td><td>300.0</td><td>299.2</td></tr><tr><td>9</td><td>338.4</td><td>337.5</td><td>336.6</td></tr></table>		376	375	374	1	37.6	37.5	37.4	2	75.2	75.0	74.8	3	112.8	112.5	112.2	4	150.4	150.0	149.6	5	188.0	187.5	187.0	6	225.6	225.0	224.4	7	263.2	262.5	261.8	8	300.8	300.0	299.2	9	338.4	337.5	336.6
	376	375	374																																														
1	37.6	37.5	37.4																																														
2	75.2	75.0	74.8																																														
3	112.8	112.5	112.2																																														
4	150.4	150.0	149.6																																														
5	188.0	187.5	187.0																																														
6	225.6	225.0	224.4																																														
7	263.2	262.5	261.8																																														
8	300.8	300.0	299.2																																														
9	338.4	337.5	336.6																																														
.160	8.306 306	375	8.306 395	375	1.693 605	9.999 911	0	.840																																									
161	8.306 680	374	8.306 769	374	1.693 231	9.999 911	0	839																																									
162	8.307 054	374	8.307 143	374	1.692 857	9.999 911	0	838																																									
163	8.307 427	373	8.307 517	374	1.692 483	9.999 911	0	837																																									
164	8.307 800	373	8.307 890	373	1.692 110	9.999 910	1	836																																									
165	8.308 173	373	8.308 263	373	1.691 737	9.999 910	0	835																																									
166	8.308 546	373	8.308 636	373	1.691 364	9.999 910	0	834	<table><tr><td></td><td>373</td><td>372</td></tr><tr><td>1</td><td>37.3</td><td>37.2</td></tr><tr><td>2</td><td>74.6</td><td>74.4</td></tr><tr><td>3</td><td>111.9</td><td>111.6</td></tr><tr><td>4</td><td>149.2</td><td>148.8</td></tr><tr><td>5</td><td>186.5</td><td>186.0</td></tr><tr><td>6</td><td>223.8</td><td>223.2</td></tr><tr><td>7</td><td>261.1</td><td>260.4</td></tr><tr><td>8</td><td>298.4</td><td>297.6</td></tr><tr><td>9</td><td>335.7</td><td>334.8</td></tr></table>		373	372	1	37.3	37.2	2	74.6	74.4	3	111.9	111.6	4	149.2	148.8	5	186.5	186.0	6	223.8	223.2	7	261.1	260.4	8	298.4	297.6	9	335.7	334.8										
	373	372																																															
1	37.3	37.2																																															
2	74.6	74.4																																															
3	111.9	111.6																																															
4	149.2	148.8																																															
5	186.5	186.0																																															
6	223.8	223.2																																															
7	261.1	260.4																																															
8	298.4	297.6																																															
9	335.7	334.8																																															
167	8.308 918	372	8.309 008	372	1.690 992	9.999 910	0	833																																									
168	8.309 290	372	8.309 380	372	1.690 620	9.999 910	0	832																																									
169	8.309 662	372	8.309 752	372	1.690 248	9.999 910	0	831																																									
.170	8.310 033	371	8.310 124	372	1.689 876	9.999 909	1	.830																																									
171	8.310 404	371	8.310 495	371	1.689 505	9.999 909	0	829																																									
172	8.310 775	371	8.310 866	371	1.689 134	9.999 909	0	828	<table><tr><td></td><td>371</td><td>370</td><td>369</td></tr><tr><td>1</td><td>37.1</td><td>37.0</td><td>36.9</td></tr><tr><td>2</td><td>74.2</td><td>74.0</td><td>73.8</td></tr><tr><td>3</td><td>111.3</td><td>111.0</td><td>110.7</td></tr><tr><td>4</td><td>148.4</td><td>148.0</td><td>147.6</td></tr><tr><td>5</td><td>185.5</td><td>185.0</td><td>184.5</td></tr><tr><td>6</td><td>222.6</td><td>222.0</td><td>221.4</td></tr><tr><td>7</td><td>259.7</td><td>259.0</td><td>258.3</td></tr><tr><td>8</td><td>296.8</td><td>296.0</td><td>295.2</td></tr><tr><td>9</td><td>333.9</td><td>333.0</td><td>332.1</td></tr></table>		371	370	369	1	37.1	37.0	36.9	2	74.2	74.0	73.8	3	111.3	111.0	110.7	4	148.4	148.0	147.6	5	185.5	185.0	184.5	6	222.6	222.0	221.4	7	259.7	259.0	258.3	8	296.8	296.0	295.2	9	333.9	333.0	332.1
	371	370	369																																														
1	37.1	37.0	36.9																																														
2	74.2	74.0	73.8																																														
3	111.3	111.0	110.7																																														
4	148.4	148.0	147.6																																														
5	185.5	185.0	184.5																																														
6	222.6	222.0	221.4																																														
7	259.7	259.0	258.3																																														
8	296.8	296.0	295.2																																														
9	333.9	333.0	332.1																																														
173	8.311 145	370	8.311 236	370	1.688 764	9.999 909	0	827																																									
174	8.311 515	370	8.311 606	370	1.688 394	9.999 909	0	826																																									
175	8.311 885	370	8.311 976	370	1.688 024	9.999 909	0	825																																									
176	8.312 254	369	8.312 346	370	1.687 654	9.999 909	0	824																																									
177	8.312 623	369	8.312 715	369	1.687 285	9.999 908	1	823																																									
178	8.312 992	369	8.313 084	369	1.686 916	9.999 908	0	822																																									
179	8.313 361	369	8.313 452	368	1.686 548	9.999 908	0	821	<table><tr><td></td><td>368</td><td>367</td></tr><tr><td>1</td><td>36.8</td><td>36.7</td></tr><tr><td>2</td><td>73.6</td><td>73.4</td></tr><tr><td>3</td><td>110.4</td><td>110.1</td></tr><tr><td>4</td><td>147.2</td><td>146.8</td></tr><tr><td>5</td><td>184.0</td><td>183.5</td></tr><tr><td>6</td><td>220.8</td><td>220.2</td></tr><tr><td>7</td><td>257.6</td><td>256.9</td></tr><tr><td>8</td><td>294.4</td><td>293.6</td></tr><tr><td>9</td><td>331.2</td><td>330.3</td></tr></table>		368	367	1	36.8	36.7	2	73.6	73.4	3	110.4	110.1	4	147.2	146.8	5	184.0	183.5	6	220.8	220.2	7	257.6	256.9	8	294.4	293.6	9	331.2	330.3										
	368	367																																															
1	36.8	36.7																																															
2	73.6	73.4																																															
3	110.4	110.1																																															
4	147.2	146.8																																															
5	184.0	183.5																																															
6	220.8	220.2																																															
7	257.6	256.9																																															
8	294.4	293.6																																															
9	331.2	330.3																																															
.180	8.313 729	368	8.313 821	369	1.686 179	9.999 908	0	.820																																									
181	8.314 097	368	8.314 189	368	1.685 811	9.999 908	0	819																																									
182	8.314 464	367	8.314 556	367	1.685 444	9.999 908	0	818																																									
183	8.314 831	367	8.314 924	368	1.685 076	9.999 907	1	817																																									
184	8.315 198	367	8.315 291	367	1.684 709	9.999 907	0	816																																									
185	8.315 565	367	8.315 658	367	1.684 342	9.999 907	0	815																																									
186	8.315 931	366	8.316 024	366	1.683 976	9.999 907	0	814	<table><tr><td></td><td>366</td><td>365</td><td>364</td></tr><tr><td>1</td><td>36.6</td><td>36.5</td><td>36.4</td></tr><tr><td>2</td><td>73.2</td><td>73.0</td><td>72.8</td></tr><tr><td>3</td><td>109.8</td><td>109.5</td><td>109.2</td></tr><tr><td>4</td><td>146.4</td><td>146.0</td><td>145.6</td></tr><tr><td>5</td><td>183.0</td><td>182.5</td><td>182.0</td></tr><tr><td>6</td><td>219.6</td><td>219.0</td><td>218.4</td></tr><tr><td>7</td><td>256.2</td><td>255.5</td><td>254.8</td></tr><tr><td>8</td><td>292.8</td><td>292.0</td><td>291.2</td></tr><tr><td>9</td><td>329.4</td><td>328.5</td><td>327.6</td></tr></table>		366	365	364	1	36.6	36.5	36.4	2	73.2	73.0	72.8	3	109.8	109.5	109.2	4	146.4	146.0	145.6	5	183.0	182.5	182.0	6	219.6	219.0	218.4	7	256.2	255.5	254.8	8	292.8	292.0	291.2	9	329.4	328.5	327.6
	366	365	364																																														
1	36.6	36.5	36.4																																														
2	73.2	73.0	72.8																																														
3	109.8	109.5	109.2																																														
4	146.4	146.0	145.6																																														
5	183.0	182.5	182.0																																														
6	219.6	219.0	218.4																																														
7	256.2	255.5	254.8																																														
8	292.8	292.0	291.2																																														
9	329.4	328.5	327.6																																														
187	8.316 297	366	8.316 390	366	1.683 610	9.999 907	0	813																																									
188	8.316 663	366	8.316 756	366	1.683 244	9.999 907	0	812																																									
189	8.317 028	365	8.317 122	366	1.682 878	9.999 906	1	811																																									
.190	8.317 393	365	8.317 487	365	1.682 513	9.999 906	0	.810																																									
191	8.317 758	365	8.317 852	365	1.682 148	9.999 906	0	809																																									
192	8.318 122	364	8.318 216	364	1.681 784	9.999 906	0	808																																									
193	8.318 486	364	8.318 581	365	1.681 419	9.999 906	0	807																																									
194	8.318 850	364	8.318 945	364	1.681 055	9.999 906	0	806																																									
195	8.319 214	364	8.319 308	363	1.680 692	9.999 906	0	805																																									
196	8.319 577	363	8.319 672	364	1.680 328	9.999 905	1	804																																									
197	8.319 940	363	8.320 035	363	1.679 965	9.999 905	0	803																																									
198	8.320 303	363	8.320 397	362	1.679 603	9.999 905	0	802																																									
199	8.320 665	362	8.320 760	363	1.679 240	9.999 905	0	801																																									
.200	8.321 027	362	8.321 122	362	1.678 878	9.999 905	0	.800																																									
	cos	d	cotg	d	tang	sin	d	88°	P.P.																																								

88°.850 — 88°.800

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.200 — 1°.250

1°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.321 027		8.321 122		1.678 878	9.999 905		.800	
201	8.321 389	362	8.321 484	362	1.678 516	9.999 905	0	799	
202	8.321 750	361	8.321 846	362	1.678 154	9.999 904	1	798	
203	8.322 111	361	8.322 207	361	1.677 793	9.999 904	0	797	
204	8.322 472	361	8.322 568	361	1.677 432	9.999 904	0	796	
205	8.322 832	360	8.322 928	360	1.677 072	9.999 904	0	795	
206	8.323 193	361	8.323 289	361	1.676 711	9.999 904	0	794	
207	8.323 553	360	8.323 649	360	1.676 351	9.999 904	0	793	
208	8.323 912	359	8.324 009	360	1.675 991	9.999 903	1	792	
209	8.324 271	359	8.324 368	359	1.675 632	9.999 903	0	791	
.210	8.324 630	359	8.324 727	359	1.675 273	9.999 903	0	.790	
211	8.324 989	359	8.325 086	359	1.674 914	9.999 903	0	789	
212	8.325 348	359	8.325 445	359	1.674 555	9.999 903	0	788	
213	8.325 706	358	8.325 803	358	1.674 197	9.999 903	0	787	
214	8.326 064	358	8.326 161	358	1.673 839	9.999 903	0	786	
215	8.326 421	357	8.326 519	358	1.673 481	9.999 902	1	785	
216	8.326 778	357	8.326 876	357	1.673 124	9.999 902	0	784	
217	8.327 135	357	8.327 233	357	1.672 767	9.999 902	0	783	
218	8.327 492	357	8.327 590	357	1.672 410	9.999 902	0	782	
219	8.327 848	356	8.327 947	357	1.672 053	9.999 902	0	781	
.220	8.328 204	356	8.328 303	356	1.671 697	9.999 902	0	.780	
221	8.328 560	356	8.328 659	356	1.671 341	9.999 901	1	779	
222	8.328 916	356	8.329 014	355	1.670 986	9.999 901	0	778	
223	8.329 271	355	8.329 370	356	1.670 630	9.999 901	0	777	
224	8.329 626	355	8.329 725	355	1.670 275	9.999 901	0	776	
225	8.329 980	354	8.330 080	355	1.669 920	9.999 901	0	775	
226	8.330 335	355	8.330 434	354	1.669 566	9.999 901	0	774	
227	8.330 689	354	8.330 788	354	1.669 212	9.999 900	1	773	
228	8.331 042	353	8.331 142	354	1.668 858	9.999 900	0	772	
229	8.331 396	354	8.331 496	354	1.668 504	9.999 900	0	771	
.230	8.331 749	353	8.331 849	353	1.668 151	9.999 900	0	.770	
231	8.332 102	353	8.332 202	353	1.667 798	9.999 900	0	769	
232	8.332 455	353	8.332 555	353	1.667 445	9.999 900	0	768	
233	8.332 807	352	8.332 907	352	1.667 093	9.999 899	1	767	
234	8.333 159	352	8.333 260	353	1.666 740	9.999 899	0	766	
235	8.333 511	352	8.333 612	352	1.666 388	9.999 899	0	765	
236	8.333 862	351	8.333 963	351	1.666 037	9.999 899	0	764	
237	8.334 213	351	8.334 315	352	1.665 685	9.999 899	0	763	
238	8.334 564	351	8.334 666	351	1.665 334	9.999 899	0	762	
239	8.334 915	351	8.335 016	350	1.664 984	9.999 898	1	761	
.240	8.335 265	350	8.335 367	351	1.664 633	9.999 898	0	.760	
241	8.335 615	350	8.335 717	351	1.664 283	9.999 898	0	759	
242	8.335 965	350	8.336 067	350	1.663 933	9.999 898	0	758	
243	8.336 314	349	8.336 417	350	1.663 583	9.999 898	0	757	
244	8.336 664	350	8.336 766	349	1.663 234	9.999 898	0	756	
245	8.337 013	349	8.337 115	349	1.662 885	9.999 897	1	755	
246	8.337 361	348	8.337 464	349	1.662 536	9.999 897	0	754	
247	8.337 710	349	8.337 812	348	1.662 188	9.999 897	0	753	
248	8.338 058	348	8.338 161	349	1.661 839	9.999 897	0	752	
249	8.338 405	347	8.338 509	348	1.661 491	9.999 897	0	751	
.250	8.338 753	348	8.338 856	347	1.661 144	9.999 897	0	.750	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.800 — 88°.750

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.250 — 1°.300

1°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.338 753		8.338 856		1.661 144	9.999 897		.750	
251	8.339 100	347	8.339 204	348	1.660 796	9.999 896	1	749	
252	8.339 447	347	8.339 551	347	1.660 449	9.999 896	0	748	348 347 346
253	8.339 794	347	8.339 898	347	1.660 102	9.999 896	0	747	1 34.8 34.7 34.6
		346		346			0		2 69.6 69.4 69.2
254	8.340 140		8.340 244		1.659 756	9.999 896	0	746	3 104.4 104.1 103.8
255	8.340 486	346	8.340 591	347	1.659 409	9.999 896	0	745	4 139.2 138.8 138.4
256	8.340 832	346	8.340 937	346	1.659 063	9.999 896	0	744	5 174.0 173.5 173.0
		346		345			1		6 208.8 208.2 207.6
257	8.341 178		8.341 282		1.658 718	9.999 895	0	743	7 243.6 242.9 242.2
258	8.341 523	345	8.341 628	346	1.658 372	9.999 895	0	742	8 278.4 277.6 276.8
259	8.341 868	345	8.341 973	345	1.658 027	9.999 895	0	741	9 313.2 312.3 311.4
.260	8.342 213	345	8.342 318	345	1.657 682	9.999 895		.740	
		344		345			0		
261	8.342 557		8.342 663		1.657 337	9.999 895	0	739	345 344 343
262	8.342 902	345	8.343 007	344	1.656 993	9.999 895	0	738	
263	8.343 246	344	8.343 351	344	1.656 649	9.999 894	1	737	1 34.5 34.4 34.3
		343		344			0		2 69.0 68.8 68.6
264	8.343 589		8.343 695		1.656 305	9.999 894	0	736	3 103.5 103.2 102.9
265	8.343 933	344	8.344 038	343	1.655 962	9.999 894	0	735	4 138.0 137.6 137.2
266	8.344 276	343	8.344 382	344	1.655 618	9.999 894	0	734	5 172.5 172.0 171.5
		343		343			0		6 207.0 206.4 205.8
267	8.344 619		8.344 725		1.655 275	9.999 894	0	733	7 241.5 240.8 240.1
268	8.344 961	342	8.345 068	343	1.654 932	9.999 894	0	732	8 276.0 275.2 274.4
269	8.345 303	342	8.345 410	342	1.654 590	9.999 893	1	731	9 310.5 309.6 308.7
.270	8.345 646	343	8.345 752	342	1.654 248	9.999 893		.730	
		341		342			0		
271	8.345 987		8.346 094		1.653 906	9.999 893	0	729	342 341 340
272	8.346 329	342	8.346 436	342	1.653 564	9.999 893	0	728	
273	8.346 670	341	8.346 777	341	1.653 223	9.999 893	0	727	1 34.2 34.1 34.0
		341		341			0		2 68.4 68.2 68.0
274	8.347 011		8.347 118		1.652 882	9.999 893	1	726	3 102.6 102.3 102.0
275	8.347 352	341	8.347 459	341	1.652 541	9.999 892	0	725	4 136.8 136.4 136.0
276	8.347 692	340	8.347 800	341	1.652 200	9.999 892	0	724	5 171.0 170.5 170.0
		340		340			0		6 205.2 204.6 204.0
277	8.348 032		8.348 140		1.651 860	9.999 892	0	723	7 239.4 238.7 238.0
278	8.348 372	340	8.348 480	340	1.651 520	9.999 892	0	722	8 273.6 272.8 272.0
279	8.348 712	340	8.348 820	340	1.651 180	9.999 892	0	721	9 307.8 306.9 306.0
.280	8.349 051	339	8.349 160	340	1.650 840	9.999 892		.720	
		339		339			1		
281	8.349 390		8.349 499		1.650 501	9.999 891	0	719	339 338 337
282	8.349 729	339	8.349 838	339	1.650 162	9.999 891	0	718	
283	8.350 068	339	8.350 177	339	1.649 823	9.999 891	0	717	1 33.9 33.8 33.7
		338		338			0		2 67.8 67.6 67.4
284	8.350 406		8.350 515		1.649 485	9.999 891	0	716	3 101.7 101.4 101.1
285	8.350 744	338	8.350 853	338	1.649 147	9.999 891	0	715	4 135.6 135.2 134.8
286	8.351 082	338	8.351 191	338	1.648 809	9.999 891	0	714	5 169.5 169.0 168.5
		337		338			1		6 203.4 202.8 202.2
287	8.351 419		8.351 529		1.648 471	9.999 890	0	713	7 237.3 236.6 235.9
288	8.351 757	338	8.351 866	337	1.648 134	9.999 890	0	712	8 271.2 270.4 269.6
289	8.352 094	337	8.352 204	338	1.647 796	9.999 890	0	711	9 305.1 304.2 303.3
.290	8.352 430	336	8.352 540	336	1.647 460	9.999 890		.710	
		337		337			0		
291	8.352 767		8.352 877		1.647 123	9.999 890	0	709	336 335 334
292	8.353 103	336	8.353 214	337	1.646 786	9.999 890	0	708	
293	8.353 439	336	8.353 550	336	1.646 450	9.999 889	1	707	1 33.6 33.5 33.4
		336		335			0		2 67.2 67.0 66.8
294	8.353 775		8.353 885		1.646 115	9.999 889	0	706	3 100.8 100.5 100.2
295	8.354 110	335	8.354 221	336	1.645 779	9.999 889	0	705	4 134.4 134.0 133.6
296	8.354 445	335	8.354 556	335	1.645 444	9.999 889	0	704	5 168.0 167.5 167.0
		335		336			0		6 201.6 201.0 200.4
297	8.354 780		8.354 892		1.645 108	9.999 889	0	703	7 235.2 234.5 233.8
298	8.355 115	335	8.355 226	334	1.644 774	9.999 889	0	702	8 268.8 268.0 267.2
299	8.355 449	334	8.355 561	335	1.644 439	9.999 888	1	701	9 302.4 301.5 300.6
.300	8.355 783	334	8.355 895	334	1.644 105	9.999 888		.700	
							0		
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.750 — 88°.700

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.300 — 1°.350

1°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.355 783		8.355 895		1.644 105	9.999 888		.700	
301	8.356 117	334	8.356 229	334	1.643 771	9.999 888	0	699	
302	8.356 451	334	8.356 563	334	1.643 437	9.999 888	0	698	334 333 332
303	8.356 784	333	8.356 897	334	1.643 103	9.999 888	0	697	1 33.4 33.3 33.2
304	8.357 117	333	8.357 230	333	1.642 770	9.999 888	0	696	2 66.8 66.6 66.4
305	8.357 450	333	8.357 563	333	1.642 437	9.999 887	1	695	3 100.2 99.9 99.6
306	8.357 783	333	8.357 896	333	1.642 104	9.999 887	0	694	4 133.6 133.2 132.8
307	8.358 115	332	8.358 228	332	1.641 772	9.999 887	0	693	5 167.0 166.5 166.0
308	8.358 447	332	8.358 561	333	1.641 439	9.999 887	0	692	6 200.4 199.8 199.2
309	8.358 779	332	8.358 893	332	1.641 107	9.999 887	0	691	7 233.8 233.1 232.4
.310	8.359 111	332	8.359 224	331	1.640 776	9.999 886	1	.690	8 267.2 266.4 265.6
311	8.359 442	331	8.359 556	332	1.640 444	9.999 886	0	689	9 300.6 299.7 298.8
312	8.359 773	331	8.359 887	331	1.640 113	9.999 886	0	688	
313	8.360 104	331	8.360 218	331	1.639 782	9.999 886	0	687	331 330
314	8.360 435	331	8.360 549	331	1.639 451	9.999 886	0	686	1 33.1 33.0
315	8.360 765	330	8.360 879	330	1.639 121	9.999 886	0	685	2 66.2 66.0
316	8.361 095	330	8.361 210	331	1.638 790	9.999 885	0	684	3 99.3 99.0
317	8.361 425	330	8.361 540	330	1.638 460	9.999 885	1	683	4 132.4 132.0
318	8.361 754	329	8.361 869	329	1.638 131	9.999 885	0	682	5 165.5 165.0
319	8.362 084	330	8.362 199	330	1.637 801	9.999 885	0	681	6 198.6 198.0
.320	8.362 413	329	8.362 528	329	1.637 472	9.999 885	0	.680	7 231.7 231.0
321	8.362 742	329	8.362 857	329	1.637 143	9.999 885	0	679	8 264.8 264.0
322	8.363 070	328	8.363 186	329	1.636 814	9.999 884	1	678	9 297.9 297.0
323	8.363 399	329	8.363 514	328	1.636 486	9.999 884	0	677	
324	8.363 727	328	8.363 843	329	1.636 157	9.999 884	0	676	329 328 327
325	8.364 055	328	8.364 171	328	1.635 829	9.999 884	0	675	1 32.9 32.8 32.7
326	8.364 382	327	8.364 498	327	1.635 502	9.999 884	0	674	2 65.8 65.6 65.4
327	8.364 709	327	8.364 826	328	1.635 174	9.999 884	0	673	3 98.7 98.4 98.1
328	8.365 037	328	8.365 153	327	1.634 847	9.999 883	0	672	4 131.6 131.2 130.8
329	8.365 363	326	8.365 480	327	1.634 520	9.999 883	0	671	5 164.5 164.0 163.5
.330	8.365 690	327	8.365 807	327	1.634 193	9.999 883	0	.670	6 197.4 196.8 196.2
331	8.366 016	326	8.366 134	327	1.633 866	9.999 883	1	669	7 230.3 229.6 228.9
332	8.366 342	326	8.366 460	326	1.633 540	9.999 883	0	668	8 263.2 262.4 261.6
333	8.366 668	326	8.366 786	326	1.633 214	9.999 882	0	667	9 296.1 295.2 294.3
334	8.366 994	326	8.367 112	326	1.632 888	9.999 882	0	666	
335	8.367 319	325	8.367 437	325	1.632 563	9.999 882	0	665	326 325
336	8.367 644	325	8.367 763	326	1.632 237	9.999 882	0	664	1 32.6 32.5
337	8.367 969	325	8.368 088	325	1.631 912	9.999 882	0	663	2 65.2 65.0
338	8.368 294	325	8.368 412	324	1.631 588	9.999 882	0	662	3 97.8 97.5
339	8.368 618	324	8.368 737	325	1.631 263	9.999 881	0	661	4 130.4 130.0
.340	8.368 943	325	8.369 061	324	1.630 939	9.999 881	1	.660	5 163.0 162.5
341	8.369 266	323	8.369 385	324	1.630 615	9.999 881	0	659	6 195.6 195.0
342	8.369 590	324	8.369 709	324	1.630 291	9.999 881	0	658	7 228.2 227.5
343	8.369 914	324	8.370 033	324	1.629 967	9.999 881	0	657	8 260.8 260.0
344	8.370 237	323	8.370 356	323	1.629 644	9.999 881	0	656	9 293.4 292.5
345	8.370 560	323	8.370 679	323	1.629 321	9.999 880	1	655	
346	8.370 882	322	8.371 002	323	1.628 998	9.999 880	0	654	324 323 322
347	8.371 205	323	8.371 325	323	1.628 675	9.999 880	0	653	1 32.4 32.3 32.2
348	8.371 527	322	8.371 647	322	1.628 353	9.999 880	0	652	2 64.8 64.6 64.4
349	8.371 849	322	8.371 970	323	1.628 030	9.999 880	0	651	3 97.2 96.9 96.6
.350	8.372 171	322	8.372 292	322	1.627 708	9.999 879	1	.650	4 129.6 129.2 128.8
	cos	d	cotg	d	tang	sin	d	88°	

88°.700 — 88°.650

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$1^{\circ}.350 - 1^{\circ}.400$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.372 171		8.372 292		1.627 708	9.999 879		.650	
351	8.372 492	321	8.372 613	321	1.627 387	9.999 879	0	649	
352	8.372 814	322	8.372 935	322	1.627 065	9.999 879	0	648	322 321 320
353	8.373 135	321	8.373 256	321	1.626 744	9.999 879	0	647	1 32.2 32.1 32.0
		321		321			0		2 64.4 64.2 64.0
354	8.373 456	320	8.373 577	321	1.626 423	9.999 879	0	646	3 96.6 96.3 96.0
355	8.373 776	321	8.373 898	320	1.626 102	9.999 879	1	645	4 128.8 128.4 128.0
356	8.374 097	320	8.374 218	320	1.625 782	9.999 878	0	644	5 161.0 160.5 160.0
		320		320			0		6 193.2 192.6 192.0
357	8.374 417	319	8.374 538	320	1.625 462	9.999 878	0	643	7 225.4 224.7 224.0
358	8.374 736	320	8.374 858	320	1.625 142	9.999 878	0	642	8 257.6 256.8 256.0
359	8.375 056	319	8.375 178	320	1.624 822	9.999 878	0	641	9 289.8 288.9 288.0
.360	8.375 375	320	8.375 498	319	1.624 502	9.999 878	1	.640	
361	8.375 695	319	8.375 817	319	1.624 183	9.999 877	0	639	319 318
362	8.376 014	318	8.376 136	319	1.623 864	9.999 877	0	638	
363	8.376 332	319	8.376 455	319	1.623 545	9.999 877	0	637	1 31.9 31.8
		319		319			0		2 63.8 63.6
364	8.376 651	318	8.376 774	318	1.623 226	9.999 877	0	636	3 95.7 95.4
365	8.376 969	318	8.377 092	318	1.622 908	9.999 877	0	635	4 127.6 127.2
366	8.377 287	318	8.377 410	318	1.622 590	9.999 877	0	634	5 159.5 159.0
		318		318			1		6 191.4 190.8
367	8.377 605	317	8.377 728	318	1.622 272	9.999 876	0	633	7 223.3 222.6
368	8.377 922	317	8.378 046	317	1.621 954	9.999 876	0	632	8 255.2 254.4
369	8.378 239	318	8.378 363	318	1.621 637	9.999 876	0	631	9 287.1 286.2
.370	8.378 557	316	8.378 681	317	1.621 319	9.999 876	0	.630	
371	8.378 873	317	8.378 998	316	1.621 002	9.999 876	1	629	317 316 315
372	8.379 190	316	8.379 314	317	1.620 686	9.999 875	0	628	
373	8.379 506	316	8.379 631	316	1.620 369	9.999 875	0	627	1 31.7 31.6 31.5
		316		316			0		2 63.4 63.2 63.0
374	8.379 822	316	8.379 947	316	1.620 053	9.999 875	0	626	3 95.1 94.8 94.5
375	8.380 138	316	8.380 263	316	1.619 737	9.999 875	0	625	4 126.8 126.4 126.0
376	8.380 454	315	8.380 579	316	1.619 421	9.999 875	0	624	5 158.5 158.0 157.5
		315		316			0		6 190.2 189.6 189.0
377	8.380 769	316	8.380 895	315	1.619 105	9.999 875	1	623	7 221.9 221.2 220.5
378	8.381 085	315	8.381 210	316	1.618 790	9.999 874	0	622	8 253.6 252.8 252.0
379	8.381 400	314	8.381 526	314	1.618 474	9.999 874	0	621	9 285.3 284.4 283.5
.380	8.381 714	315	8.381 840	315	1.618 160	9.999 874	0	.620	
381	8.382 029	314	8.382 155	314	1.617 845	9.999 874	0	619	314 313
382	8.382 343	314	8.382 470	314	1.617 530	9.999 874	1	618	
383	8.382 657	314	8.382 784	314	1.617 216	9.999 873	0	617	1 31.4 31.3
		314		314			0		2 62.8 62.6
384	8.382 971	313	8.383 098	313	1.616 902	9.999 873	0	616	3 94.2 93.9
385	8.383 285	313	8.383 412	313	1.616 588	9.999 873	0	615	4 125.6 125.2
386	8.383 598	313	8.383 725	313	1.616 275	9.999 873	0	614	5 157.0 156.5
		313		313			0		6 188.4 187.8
387	8.383 911	313	8.384 039	312	1.615 961	9.999 873	0	613	7 219.8 219.1
388	8.384 224	313	8.384 352	312	1.615 648	9.999 873	1	612	8 251.2 250.4
389	8.384 537	312	8.384 665	312	1.615 335	9.999 872	0	611	9 282.6 281.7
.390	8.384 850	312	8.384 977	313	1.615 023	9.999 872	0	.610	
391	8.385 162	312	8.385 290	312	1.614 710	9.999 872	0	609	312 311 310
392	8.385 474	312	8.385 602	312	1.614 398	9.999 872	0	608	
393	8.385 786	311	8.385 914	312	1.614 086	9.999 872	0	607	1 31.2 31.1 31.0
		311		312			1		2 62.4 62.2 62.0
394	8.386 097	312	8.386 226	311	1.613 774	9.999 871	0	606	3 93.6 93.3 93.0
395	8.386 409	311	8.386 537	312	1.613 463	9.999 871	0	605	4 124.8 124.4 124.0
396	8.386 720	311	8.386 849	311	1.613 151	9.999 871	0	604	5 156.0 155.5 155.0
		311		311			0		6 187.2 186.6 186.0
397	8.387 031	310	8.387 160	311	1.612 840	9.999 871	0	603	7 218.4 217.7 217.0
398	8.387 341	311	8.387 471	310	1.612 529	9.999 871	0	602	8 249.6 248.8 248.0
399	8.387 652	310	8.387 781	311	1.612 219	9.999 871	0	601	9 280.8 279.9 279.0
.400	8.387 962		8.388 092		1.611 908	9.999 870	1	.600	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

$88^{\circ}.650 - 88^{\circ}.600$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.400 — 1°.450

1°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.387 962		8.388 092		1.611 908	9.999 870		.600	
401	8.388 272	310	8.388 402	310	1.611 598	9.999 870	0	599	
402	8.388 582	310	8.388 712	310	1.611 288	9.999 870	0	598	
403	8.388 892	310	8.389 022	310	1.610 978	9.999 870	0	597	
404	8.389 201	309	8.389 331	309	1.610 669	9.999 870	0	596	
405	8.389 510	309	8.389 641	310	1.610 359	9.999 869	1	595	
406	8.389 819	309	8.389 950	309	1.610 050	9.999 869	0	594	
407	8.390 128	309	8.390 259	309	1.609 741	9.999 869	0	593	
408	8.390 436	308	8.390 567	308	1.609 433	9.999 869	0	592	
409	8.390 745	309	8.390 876	309	1.609 124	9.999 869	0	591	
.410	8.391 053	308	8.391 184	308	1.608 816	9.999 868	1	.590	
411	8.391 360	307	8.391 492	308	1.608 508	9.999 868	0	589	
412	8.391 668	308	8.391 800	308	1.608 200	9.999 868	0	588	
413	8.391 976	308	8.392 108	308	1.607 892	9.999 868	0	587	
414	8.392 283	307	8.392 415	307	1.607 585	9.999 868	0	586	
415	8.392 590	307	8.392 722	307	1.607 278	9.999 868	0	585	
416	8.392 896	306	8.393 029	307	1.606 971	9.999 867	1	584	
417	8.393 203	307	8.393 336	307	1.606 664	9.999 867	0	583	
418	8.393 509	306	8.393 642	306	1.606 358	9.999 867	0	582	
419	8.393 815	306	8.393 949	307	1.606 051	9.999 867	0	581	
.420	8.394 121	306	8.394 255	306	1.605 745	9.999 867	0	.580	
421	8.394 427	306	8.394 561	306	1.605 439	9.999 866	1	579	
422	8.394 732	305	8.394 866	305	1.605 134	9.999 866	0	578	
423	8.395 038	306	8.395 172	306	1.604 828	9.999 866	0	577	
424	8.395 343	305	8.395 477	305	1.604 523	9.999 866	0	576	
425	8.395 647	304	8.395 782	305	1.604 218	9.999 866	0	575	
426	8.395 952	305	8.396 087	305	1.603 913	9.999 865	1	574	
427	8.396 256	304	8.396 391	304	1.603 609	9.999 865	0	573	
428	8.396 561	305	8.396 696	305	1.603 304	9.999 865	0	572	
429	8.396 865	304	8.397 000	304	1.603 000	9.999 865	0	571	
.430	8.397 168	303	8.397 304	304	1.602 696	9.999 865	0	.570	
431	8.397 472	304	8.397 607	303	1.602 393	9.999 865	0	569	
432	8.397 775	303	8.397 911	304	1.602 089	9.999 864	1	568	
433	8.398 078	303	8.398 214	303	1.601 786	9.999 864	0	567	
434	8.398 381	303	8.398 517	303	1.601 483	9.999 864	0	566	
435	8.398 684	303	8.398 820	303	1.601 180	9.999 864	0	565	
436	8.398 986	302	8.399 123	303	1.600 877	9.999 864	0	564	
437	8.399 289	303	8.399 425	302	1.600 575	9.999 863	1	563	
438	8.399 591	302	8.399 727	302	1.600 273	9.999 863	0	562	
439	8.399 893	302	8.400 029	302	1.599 971	9.999 863	0	561	
.440	8.400 194	301	8.400 331	302	1.599 669	9.999 863	0	.560	
441	8.400 496	302	8.400 633	302	1.599 367	9.999 863	0	559	
442	8.400 797	301	8.400 934	301	1.599 066	9.999 862	1	558	
443	8.401 098	301	8.401 236	302	1.598 764	9.999 862	0	557	
444	8.401 399	301	8.401 537	301	1.598 463	9.999 862	0	556	
445	8.401 699	300	8.401 837	300	1.598 163	9.999 862	0	555	
446	8.402 000	301	8.402 138	301	1.597 862	9.999 862	0	554	
447	8.402 300	300	8.402 438	300	1.597 562	9.999 861	1	553	
448	8.402 600	300	8.402 738	300	1.597 262	9.999 861	0	552	
449	8.402 899	299	8.403 038	300	1.596 962	9.999 861	0	551	
.450	8.403 199	300	8.403 338	300	1.596 662	9.999 861	0	.550	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.600 — 88°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$1^{\circ}.450 - 1^{\circ}.500$

1°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.403 199		8.403 338		1.596 662	9.999 861		.550	
451	8.403 498	299	8.403 638	300	1.596 362	9.999 861	0	549	
452	8.403 797	299	8.403 937	299	1.596 063	9.999 861	0	548	
453	8.404 096	299	8.404 236	299	1.595 764	9.999 860	1	547	
		299		299			0		
454	8.404 395	299	8.404 535	299	1.595 465	9.999 860	0	546	
455	8.404 694	299	8.404 834	299	1.595 166	9.999 860	0	545	
456	8.404 992	298	8.405 132	298	1.594 868	9.999 860	0	544	
		298		299			0		
457	8.405 290	298	8.405 431	298	1.594 569	9.999 860	1	543	
458	8.405 588	298	8.405 729	298	1.594 271	9.999 859	0	542	
459	8.405 886	298	8.406 027	298	1.593 973	9.999 859	0	541	
		297		297			0		
.460	8.406 183	297	8.406 324	297	1.593 676	9.999 859	0	.540	
		298		298			0		
461	8.406 481	297	8.406 622	297	1.593 378	9.999 859	0	539	
462	8.406 778	296	8.406 919	297	1.593 081	9.999 859	1	538	
463	8.407 074	297	8.407 216	297	1.592 784	9.999 858	0	537	
		297		297			0		
464	8.407 371	297	8.407 513	297	1.592 487	9.999 858	0	536	
465	8.407 668	296	8.407 810	296	1.592 190	9.999 858	0	535	
466	8.407 964	296	8.408 106	296	1.591 894	9.999 858	0	534	
		296		296			0		
467	8.408 260	296	8.408 402	296	1.591 598	9.999 858	1	533	
468	8.408 556	296	8.408 698	296	1.591 302	9.999 857	0	532	
469	8.408 852	295	8.408 994	296	1.591 006	9.999 857	0	531	
		295		295			0		
.470	8.409 147	295	8.409 290	295	1.590 710	9.999 857	0	.530	
		295		296			0		
471	8.409 442	295	8.409 585	296	1.590 415	9.999 857	1	529	
472	8.409 737	295	8.409 881	295	1.590 119	9.999 857	0	528	
473	8.410 032	295	8.410 176	295	1.589 824	9.999 856	0	527	
		295		295			0		
474	8.410 327	294	8.410 471	294	1.589 529	9.999 856	0	526	
475	8.410 621	295	8.410 765	295	1.589 235	9.999 856	0	525	
476	8.410 916	294	8.411 060	294	1.588 940	9.999 856	0	524	
		294		294			0		
477	8.411 210	294	8.411 354	294	1.588 646	9.999 856	1	523	
478	8.411 504	293	8.411 648	294	1.588 352	9.999 855	0	522	
479	8.411 797	294	8.411 942	294	1.588 058	9.999 855	0	521	
		293		294			0		
.480	8.412 091	293	8.412 236	293	1.587 764	9.999 855	0	.520	
		293		293			0		
481	8.412 384	293	8.412 529	293	1.587 471	9.999 855	0	519	
482	8.412 677	293	8.412 822	294	1.587 178	9.999 855	0	518	
483	8.412 970	293	8.413 116	292	1.586 884	9.999 855	1	517	
		293		293			0		
484	8.413 263	292	8.413 408	293	1.586 592	9.999 854	0	516	
485	8.413 555	292	8.413 701	293	1.586 299	9.999 854	0	515	
486	8.413 847	293	8.413 994	292	1.586 006	9.999 854	0	514	
		293		292			0		
487	8.414 140	291	8.414 286	292	1.585 714	9.999 854	0	513	
488	8.414 431	292	8.414 578	292	1.585 422	9.999 854	1	512	
489	8.414 723	292	8.414 870	292	1.585 130	9.999 853	0	511	
		291		291			0		
.490	8.415 015	291	8.415 162	291	1.584 838	9.999 853	0	.510	
		291		291			0		
491	8.415 306	291	8.415 453	291	1.584 547	9.999 853	0	509	
492	8.415 597	291	8.415 744	291	1.584 256	9.999 853	0	508	
493	8.415 888	291	8.416 035	291	1.583 965	9.999 853	1	507	
		291		291			0		
494	8.416 179	290	8.416 326	291	1.583 674	9.999 852	0	506	
495	8.416 469	291	8.416 617	291	1.583 383	9.999 852	0	505	
496	8.416 760	290	8.416 908	290	1.583 092	9.999 852	0	504	
		290		290			0		
497	8.417 050	290	8.417 198	290	1.582 802	9.999 852	0	503	
498	8.417 340	289	8.417 488	290	1.582 512	9.999 852	1	502	
499	8.417 629	290	8.417 778	290	1.582 222	9.999 851	0	501	
		290		290			0		
.500	8.417 919		8.418 068		1.581 932	9.999 851		.500	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

$88^{\circ}.550 - 88^{\circ}.500$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.500 — 1°.550

1°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.417 919		8.418 068		1.581 932	9.999 851		.500	
501	8.418 208	289	8.418 357	289	1.581 643	9.999 851	0	499	
502	8.418 498	290	8.418 647	290	1.581 353	9.999 851	0	498	
503	8.418 787	289	8.418 936	289	1.581 064	9.999 851	0	497	
504	8.419 075	288	8.419 225	289	1.580 775	9.999 850	1	496	
505	8.419 364	289	8.419 514	289	1.580 486	9.999 850	0	495	
506	8.419 652	288	8.419 802	288	1.580 198	9.999 850	0	494	
507	8.419 941	289	8.420 091	289	1.579 909	9.999 850	0	493	
508	8.420 229	288	8.420 379	288	1.579 621	9.999 850	0	492	
509	8.420 516	287	8.420 667	288	1.579 333	9.999 849	1	491	
.510	8.420 804	288	8.420 955	288	1.579 045	9.999 849	0	.490	
511	8.421 091	287	8.421 243	288	1.578 757	9.999 849	0	489	
512	8.421 379	288	8.421 530	287	1.578 470	9.999 849	0	488	
513	8.421 666	287	8.421 817	287	1.578 183	9.999 849	0	487	
514	8.421 953	287	8.422 104	287	1.577 896	9.999 848	1	486	
515	8.422 239	286	8.422 391	287	1.577 609	9.999 848	0	485	
516	8.422 526	287	8.422 678	287	1.577 322	9.999 848	0	484	
517	8.422 812	286	8.422 964	286	1.577 036	9.999 848	0	483	
518	8.423 098	286	8.423 251	287	1.576 749	9.999 848	0	482	
519	8.423 384	286	8.423 537	286	1.576 463	9.999 847	1	481	
.520	8.423 670	286	8.423 823	286	1.576 177	9.999 847	0	.480	
521	8.423 956	286	8.424 109	286	1.575 891	9.999 847	0	479	
522	8.424 241	285	8.424 394	285	1.575 606	9.999 847	0	478	
523	8.424 526	285	8.424 680	286	1.575 320	9.999 847	0	477	
524	8.424 811	285	8.424 965	285	1.575 035	9.999 846	1	476	
525	8.425 096	285	8.425 250	285	1.574 750	9.999 846	0	475	
526	8.425 381	285	8.425 535	285	1.574 465	9.999 846	0	474	
527	8.425 665	284	8.425 819	284	1.574 181	9.999 846	0	473	
528	8.425 949	284	8.426 104	285	1.573 896	9.999 846	0	472	
529	8.426 233	284	8.426 388	284	1.573 612	9.999 845	1	471	
.530	8.426 517	284	8.426 672	284	1.573 328	9.999 845	0	.470	
531	8.426 801	284	8.426 956	284	1.573 044	9.999 845	0	469	
532	8.427 084	283	8.427 240	284	1.572 760	9.999 845	0	468	
533	8.427 368	284	8.427 523	283	1.572 477	9.999 845	0	467	
534	8.427 651	283	8.427 807	284	1.572 193	9.999 844	1	466	
535	8.427 934	283	8.428 090	283	1.571 910	9.999 844	0	465	
536	8.428 217	283	8.428 373	283	1.571 627	9.999 844	0	464	
537	8.428 499	282	8.428 655	282	1.571 345	9.999 844	0	463	
538	8.428 782	283	8.428 938	283	1.571 062	9.999 844	0	462	
539	8.429 064	282	8.429 220	282	1.570 780	9.999 843	1	461	
.540	8.429 346	282	8.429 503	283	1.570 497	9.999 843	0	.460	
541	8.429 628	282	8.429 785	282	1.570 215	9.999 843	0	459	
542	8.429 909	281	8.430 067	282	1.569 933	9.999 843	0	458	
543	8.430 191	282	8.430 348	281	1.569 652	9.999 842	1	457	
544	8.430 472	281	8.430 630	282	1.569 370	9.999 842	0	456	
545	8.430 753	281	8.430 911	281	1.569 089	9.999 842	0	455	
546	8.431 034	281	8.431 192	281	1.568 808	9.999 842	0	454	
547	8.431 315	281	8.431 473	281	1.568 527	9.999 842	0	453	
548	8.431 595	280	8.431 754	281	1.568 246	9.999 841	1	452	
549	8.431 876	281	8.432 035	281	1.567 965	9.999 841	0	451	
.550	8.432 156	280	8.432 315	280	1.567 685	9.999 841	0	.450	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.500 — 88°.450

1°.550 — 1°.600

1°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.432 156		8.432 315		1.567 685	9.999 841		.450	
551	8.432 436	280	8.432 595	280	1.567 405	9.999 841	0	449	
552	8.432 716	280	8.432 875	280	1.567 125	9.999 841	0	448	
553	8.432 996	280	8.433 155	280	1.566 845	9.999 840	1	447	
554	8.433 275	279	8.433 435	280	1.566 565	9.999 840	0	446	
555	8.433 554	279	8.433 714	279	1.566 286	9.999 840	0	445	
556	8.433 834	280	8.433 994	280	1.566 006	9.999 840	0	444	
557	8.434 113	279	8.434 273	279	1.565 727	9.999 840	0	443	
558	8.434 391	278	8.434 552	279	1.565 448	9.999 839	1	442	
559	8.434 670	279	8.434 831	279	1.565 169	9.999 839	0	441	
.560	8.434 948	278	8.435 109	278	1.564 891	9.999 839	0	.440	
561	8.435 227	279	8.435 388	279	1.564 612	9.999 839	0	439	
562	8.435 505	278	8.435 666	278	1.564 334	9.999 839	0	438	
563	8.435 782	277	8.435 944	278	1.564 056	9.999 838	1	437	
564	8.436 060	278	8.436 222	278	1.563 778	9.999 838	0	436	
565	8.436 338	278	8.436 500	278	1.563 500	9.999 838	0	435	
566	8.436 615	277	8.436 777	277	1.563 223	9.999 838	0	434	
567	8.436 892	277	8.437 055	278	1.562 945	9.999 838	0	433	
568	8.437 169	277	8.437 332	277	1.562 668	9.999 837	1	432	
569	8.437 446	277	8.437 609	277	1.562 391	9.999 837	0	431	
.570	8.437 723	277	8.437 886	277	1.562 114	9.999 837	0	.430	
571	8.437 999	276	8.438 162	276	1.561 838	9.999 837	0	429	
572	8.438 275	276	8.438 439	277	1.561 561	9.999 837	0	428	
573	8.438 552	277	8.438 715	276	1.561 285	9.999 836	1	427	
574	8.438 827	275	8.438 991	276	1.561 009	9.999 836	0	426	
575	8.439 103	276	8.439 267	276	1.560 733	9.999 836	0	425	
576	8.439 379	276	8.439 543	276	1.560 457	9.999 836	0	424	
577	8.439 654	275	8.439 819	276	1.560 181	9.999 835	1	423	
578	8.439 929	275	8.440 094	275	1.559 906	9.999 835	0	422	
579	8.440 205	276	8.440 369	275	1.559 631	9.999 835	0	421	
.580	8.440 479	274	8.440 645	276	1.559 355	9.999 835	0	.420	
581	8.440 754	275	8.440 919	274	1.559 081	9.999 835	0	419	
582	8.441 029	275	8.441 194	275	1.558 806	9.999 834	1	418	
583	8.441 303	274	8.441 469	275	1.558 531	9.999 834	0	417	
584	8.441 577	274	8.441 743	274	1.558 257	9.999 834	0	416	
585	8.441 851	274	8.442 017	274	1.557 983	9.999 834	0	415	
586	8.442 125	274	8.442 291	274	1.557 709	9.999 834	0	414	
587	8.442 399	274	8.442 565	274	1.557 435	9.999 833	1	413	
588	8.442 672	273	8.442 839	274	1.557 161	9.999 833	0	412	
589	8.442 946	274	8.443 113	274	1.556 887	9.999 833	0	411	
.590	8.443 219	273	8.443 386	273	1.556 614	9.999 833	0	.410	
591	8.443 492	273	8.443 659	273	1.556 341	9.999 833	0	409	
592	8.443 765	273	8.443 932	273	1.556 068	9.999 832	1	408	
593	8.444 037	272	8.444 205	273	1.555 795	9.999 832	0	407	
594	8.444 310	273	8.444 478	273	1.555 522	9.999 832	0	406	
595	8.444 582	272	8.444 750	272	1.555 250	9.999 832	0	405	
596	8.444 854	272	8.445 023	273	1.554 977	9.999 831	1	404	
597	8.445 126	272	8.445 295	272	1.554 705	9.999 831	0	403	
598	8.445 398	272	8.445 567	272	1.554 433	9.999 831	0	402	
599	8.445 669	271	8.445 839	272	1.554 161	9.999 831	0	401	
.600	8.445 941	272	8.446 110	271	1.553 890	9.999 831	0	.400	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.600 — 1°.650

1°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.445 941		8.446 110		1.553 890	9.999 831		.400	
601	8.446 212	271	8.446 382	272	1.553 618	9.999 830	1	399	
602	8.446 483	271	8.446 653	271	1.553 347	9.999 830	0	398	272 271
603	8.446 754	271	8.446 924	271	1.553 076	9.999 830	0	397	1 27.2 27.1
604	8.447 025	271	8.447 195	271	1.552 805	9.999 830	0	396	2 54.4 54.2
605	8.447 296	271	8.447 466	271	1.552 534	9.999 830	0	395	3 81.6 81.3
606	8.447 566	270	8.447 737	271	1.552 263	9.999 829	1	394	4 108.8 108.4
607	8.447 836	270	8.448 007	270	1.551 993	9.999 829	0	393	5 136.0 135.5
608	8.448 106	270	8.448 277	270	1.551 723	9.999 829	0	392	6 163.2 162.6
609	8.448 376	270	8.448 548	271	1.551 452	9.999 829	0	391	7 190.4 189.7
.610	8.448 646	270	8.448 818	270	1.551 182	9.999 829	0	.390	8 217.6 216.8
611	8.448 916	270	8.449 087	269	1.550 913	9.999 828	1	389	9 244.8 243.9
612	8.449 185	269	8.449 357	270	1.550 643	9.999 828	0	388	
613	8.449 454	269	8.449 626	269	1.550 374	9.999 828	0	387	270 269
614	8.449 723	269	8.449 896	270	1.550 104	9.999 828	0	386	1 27.0 26.9
615	8.449 992	269	8.450 165	269	1.549 835	9.999 827	1	385	2 54.0 53.8
616	8.450 261	269	8.450 434	269	1.549 566	9.999 827	0	384	3 81.0 80.7
617	8.450 530	269	8.450 703	269	1.549 297	9.999 827	0	383	4 108.0 107.6
618	8.450 798	268	8.450 971	268	1.549 029	9.999 827	0	382	5 135.0 134.5
619	8.451 066	268	8.451 240	269	1.548 760	9.999 827	0	381	6 162.0 161.4
.620	8.451 335	269	8.451 508	268	1.548 492	9.999 826	1	.380	7 189.0 188.3
621	8.451 602	267	8.451 776	268	1.548 224	9.999 826	0	379	8 216.0 215.2
622	8.451 870	268	8.452 044	268	1.547 956	9.999 826	0	378	9 243.0 242.1
623	8.452 138	268	8.452 312	268	1.547 688	9.999 826	0	377	
624	8.452 405	267	8.452 580	268	1.547 420	9.999 826	0	376	268 267
625	8.452 673	268	8.452 847	267	1.547 153	9.999 825	0	375	1 26.8 26.7
626	8.452 940	267	8.453 115	268	1.546 885	9.999 825	0	374	2 53.6 53.4
627	8.453 207	267	8.453 382	267	1.546 618	9.999 825	1	373	3 80.4 80.1
628	8.453 473	266	8.453 649	267	1.546 351	9.999 825	0	372	4 107.2 106.8
629	8.453 740	267	8.453 915	266	1.546 085	9.999 824	0	371	5 134.0 133.5
.630	8.454 006	266	8.454 182	267	1.545 818	9.999 824	1	.370	6 160.8 160.2
631	8.454 273	267	8.454 449	267	1.545 551	9.999 824	0	369	7 187.6 186.9
632	8.454 539	266	8.454 715	266	1.545 285	9.999 824	0	368	8 214.4 213.6
633	8.454 805	266	8.454 981	266	1.545 019	9.999 824	1	367	9 241.2 240.3
634	8.455 071	266	8.455 247	266	1.544 753	9.999 823	0	366	
635	8.455 336	265	8.455 513	266	1.544 487	9.999 823	0	365	266 265
636	8.455 602	266	8.455 779	266	1.544 221	9.999 823	0	364	1 26.6 26.5
637	8.455 867	265	8.456 044	265	1.543 956	9.999 823	0	363	2 53.2 53.0
638	8.456 132	265	8.456 310	266	1.543 690	9.999 823	1	362	3 79.8 79.5
639	8.456 397	265	8.456 575	265	1.543 425	9.999 822	0	361	4 106.4 106.0
.640	8.456 662	265	8.456 840	265	1.543 160	9.999 822	0	.360	5 133.0 132.5
641	8.456 927	264	8.457 105	265	1.542 895	9.999 822	0	359	6 159.6 159.0
642	8.457 191	264	8.457 369	264	1.542 631	9.999 822	0	358	7 186.2 185.5
643	8.457 455	264	8.457 634	265	1.542 366	9.999 821	1	357	8 212.8 212.0
644	8.457 720	265	8.457 898	264	1.542 102	9.999 821	0	356	9 239.4 238.5
645	8.457 984	264	8.458 163	265	1.541 837	9.999 821	0	355	
646	8.458 247	263	8.458 427	264	1.541 573	9.999 821	0	354	264 263
647	8.458 511	264	8.458 691	264	1.541 309	9.999 821	0	353	1 26.4 26.3
648	8.458 775	264	8.458 954	263	1.541 046	9.999 820	1	352	2 52.8 52.6
649	8.459 038	263	8.459 218	264	1.540 782	9.999 820	0	351	3 79.2 78.9
.650	8.459 301	263	8.459 481	263	1.540 519	9.999 820	0	.350	4 105.6 105.2
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.400 — 88°.350

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.650 — 1°.700

1°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.459 301		8.459 481		1.540 519	9.999 820		.350	
651	8.459 564	263	8.459 745	264	1.540 255	9.999 820	0	349	
652	8.459 827	263	8.460 008	263	1.539 992	9.999 819	1	348	
653	8.460 090	263	8.460 271	263	1.539 729	9.999 819	0	347	
654	8.460 353	263	8.460 534	263	1.539 466	9.999 819	0	346	
655	8.460 615	262	8.460 796	262	1.539 204	9.999 819	0	345	
656	8.460 877	262	8.461 059	263	1.538 941	9.999 819	0	344	
657	8.461 139	262	8.461 321	262	1.538 679	9.999 818	1	343	
658	8.461 401	262	8.461 583	262	1.538 417	9.999 818	0	342	
659	8.461 663	262	8.461 845	262	1.538 155	9.999 818	0	341	
.660	8.461 925	262	8.462 107	262	1.537 893	9.999 818	0	.340	
661	8.462 186	261	8.462 369	262	1.537 631	9.999 817	1	339	
662	8.462 447	261	8.462 630	261	1.537 370	9.999 817	0	338	
663	8.462 709	262	8.462 892	262	1.537 108	9.999 817	0	337	
664	8.462 970	261	8.463 153	261	1.536 847	9.999 817	0	336	
665	8.463 230	260	8.463 414	261	1.536 586	9.999 817	0	335	
666	8.463 491	261	8.463 675	261	1.536 325	9.999 816	1	334	
667	8.463 752	261	8.463 936	261	1.536 064	9.999 816	0	333	
668	8.464 012	260	8.464 196	260	1.535 804	9.999 816	0	332	
669	8.464 272	260	8.464 457	261	1.535 543	9.999 816	0	331	
.670	8.464 532	260	8.464 717	260	1.535 283	9.999 815	1	.330	
671	8.464 792	260	8.464 977	260	1.535 023	9.999 815	0	329	
672	8.465 052	260	8.465 237	260	1.534 763	9.999 815	0	328	
673	8.465 312	260	8.465 497	260	1.534 503	9.999 815	0	327	
674	8.465 571	259	8.465 756	259	1.534 244	9.999 815	0	326	
675	8.465 830	259	8.466 016	260	1.533 984	9.999 814	1	325	
676	8.466 089	259	8.466 275	259	1.533 725	9.999 814	0	324	
677	8.466 348	259	8.466 534	259	1.533 466	9.999 814	0	323	
678	8.466 607	259	8.466 794	260	1.533 206	9.999 814	0	322	
679	8.466 866	259	8.467 052	258	1.532 948	9.999 814	0	321	
.680	8.467 124	258	8.467 311	259	1.532 689	9.999 813	1	.320	
681	8.467 383	259	8.467 570	259	1.532 430	9.999 813	0	319	
682	8.467 641	258	8.467 828	258	1.532 172	9.999 813	0	318	
683	8.467 899	258	8.468 086	258	1.531 914	9.999 813	0	317	
684	8.468 157	258	8.468 345	259	1.531 655	9.999 812	1	316	
685	8.468 415	258	8.468 603	258	1.531 397	9.999 812	0	315	
686	8.468 672	257	8.468 860	257	1.531 140	9.999 812	0	314	
687	8.468 930	258	8.469 118	258	1.530 882	9.999 812	0	313	
688	8.469 187	257	8.469 375	257	1.530 625	9.999 811	1	312	
689	8.469 444	257	8.469 633	258	1.530 367	9.999 811	0	311	
.690	8.469 701	257	8.469 890	257	1.530 110	9.999 811	0	.310	
691	8.469 958	257	8.470 147	257	1.529 853	9.999 811	0	309	
692	8.470 215	257	8.470 404	257	1.529 596	9.999 811	0	308	
693	8.470 471	256	8.470 661	257	1.529 339	9.999 810	1	307	
694	8.470 727	256	8.470 917	256	1.529 083	9.999 810	0	306	
695	8.470 984	257	8.471 174	257	1.528 826	9.999 810	0	305	
696	8.471 240	256	8.471 430	256	1.528 570	9.999 810	0	304	
697	8.471 496	256	8.471 686	256	1.528 314	9.999 809	1	303	
698	8.471 751	255	8.471 942	256	1.528 058	9.999 809	0	302	
699	8.472 007	256	8.472 198	256	1.527 802	9.999 809	0	301	
.700	8.472 263	256	8.472 454	256	1.527 546	9.999 809	0	.300	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.350 — 88°.300

1°.700 — 1°.750

1°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.472 263		8.472 454		1.527 546	9.999 809		.300	
701	8.472 518	255	8.472 709	255	1.527 291	9.999 809	0	299	
702	8.472 773	255	8.472 965	256	1.527 035	9.999 808	1	298	
703	8.473 028	255	8.473 220	255	1.526 780	9.999 808	0	297	
704	8.473 283	255	8.473 475	255	1.526 525	9.999 808	0	296	
705	8.473 538	255	8.473 730	255	1.526 270	9.999 808	0	295	
706	8.473 792	254	8.473 985	255	1.526 015	9.999 807	1	294	
707	8.474 047	255	8.474 239	254	1.525 761	9.999 807	0	293	
708	8.474 301	254	8.474 494	255	1.525 506	9.999 807	0	292	
709	8.474 555	254	8.474 748	254	1.525 252	9.999 807	0	291	
.710	8.474 809	254	8.475 002	254	1.524 998	9.999 807	0	.290	
711	8.475 063	254	8.475 257	255	1.524 743	9.999 806	1	289	
712	8.475 317	254	8.475 510	253	1.524 490	9.999 806	0	288	
713	8.475 570	253	8.475 764	254	1.524 236	9.999 806	0	287	
714	8.475 823	253	8.476 018	254	1.523 982	9.999 806	0	286	
715	8.476 077	254	8.476 271	253	1.523 729	9.999 805	1	285	
716	8.476 330	253	8.476 525	254	1.523 475	9.999 805	0	284	
717	8.476 583	253	8.476 778	253	1.523 222	9.999 805	0	283	
718	8.476 835	252	8.477 031	253	1.522 969	9.999 805	0	282	
719	8.477 088	253	8.477 284	253	1.522 716	9.999 805	0	281	
.720	8.477 341	253	8.477 536	252	1.522 464	9.999 804	1	.280	
721	8.477 593	252	8.477 789	253	1.522 211	9.999 804	0	279	
722	8.477 845	252	8.478 041	252	1.521 959	9.999 804	0	278	
723	8.478 097	252	8.478 294	253	1.521 706	9.999 804	0	277	
724	8.478 349	252	8.478 546	252	1.521 454	9.999 803	1	276	
725	8.478 601	252	8.478 798	252	1.521 202	9.999 803	0	275	
726	8.478 852	251	8.479 050	252	1.520 950	9.999 803	0	274	
727	8.479 104	252	8.479 301	251	1.520 699	9.999 803	0	273	
728	8.479 355	251	8.479 553	252	1.520 447	9.999 802	1	272	
729	8.479 606	251	8.479 804	251	1.520 196	9.999 802	0	271	
.730	8.479 857	251	8.480 055	251	1.519 945	9.999 802	0	.270	
731	8.480 108	251	8.480 307	252	1.519 693	9.999 802	0	269	
732	8.480 359	251	8.480 558	251	1.519 442	9.999 802	0	268	
733	8.480 610	251	8.480 808	250	1.519 192	9.999 801	1	267	
734	8.480 860	250	8.481 059	251	1.518 941	9.999 801	0	266	
735	8.481 110	250	8.481 310	251	1.518 690	9.999 801	0	265	
736	8.481 361	251	8.481 560	250	1.518 440	9.999 801	0	264	
737	8.481 611	250	8.481 810	250	1.518 190	9.999 800	1	263	
738	8.481 861	250	8.482 060	250	1.517 940	9.999 800	0	262	
739	8.482 110	249	8.482 310	250	1.517 690	9.999 800	0	261	
.740	8.482 360	250	8.482 560	250	1.517 440	9.999 800	0	.260	
741	8.482 609	249	8.482 810	250	1.517 190	9.999 799	1	259	
742	8.482 859	250	8.483 059	249	1.516 941	9.999 799	0	258	
743	8.483 108	249	8.483 309	250	1.516 691	9.999 799	0	257	
744	8.483 357	249	8.483 558	249	1.516 442	9.999 799	0	256	
745	8.483 606	249	8.483 807	249	1.516 193	9.999 799	0	255	
746	8.483 854	248	8.484 056	249	1.515 944	9.999 798	1	254	
747	8.484 103	249	8.484 305	249	1.515 695	9.999 798	0	253	
748	8.484 351	248	8.484 554	249	1.515 446	9.999 798	0	252	
749	8.484 600	249	8.484 802	248	1.515 198	9.999 798	0	251	
.750	8.484 848	248	8.485 050	248	1.514 950	9.999 797	1	.250	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.750 — 1°.800

1°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.484 848		8.485 050		1.514 950	9.999 797		.250	
751	8.485 096	248	8.485 299	249	1.514 701	9.999 797	0	249	
752	8.485 344	248	8.485 547	248	1.514 453	9.999 797	0	248	
753	8.485 592	248	8.485 795	248	1.514 205	9.999 797	0	247	
754	8.485 839	247	8.486 043	248	1.513 957	9.999 796	1	246	
755	8.486 087	248	8.486 290	247	1.513 710	9.999 796	0	245	
756	8.486 334	247	8.486 538	248	1.513 462	9.999 796	0	244	
757	8.486 581	247	8.486 785	247	1.513 215	9.999 796	0	243	
758	8.486 828	247	8.487 033	248	1.512 967	9.999 796	0	242	
759	8.487 075	247	8.487 280	247	1.512 720	9.999 795	1	241	
.760	8.487 322	247	8.487 527	247	1.512 473	9.999 795	0	.240	
761	8.487 568	246	8.487 774	247	1.512 226	9.999 795	0	239	
762	8.487 815	247	8.488 020	246	1.511 980	9.999 795	0	238	
763	8.488 061	246	8.488 267	247	1.511 733	9.999 794	1	237	
764	8.488 307	246	8.488 513	246	1.511 487	9.999 794	0	236	
765	8.488 553	246	8.488 759	246	1.511 241	9.999 794	0	235	
766	8.488 799	246	8.489 006	247	1.510 994	9.999 794	0	234	
767	8.489 045	246	8.489 252	246	1.510 748	9.999 793	1	233	
768	8.489 291	246	8.489 498	246	1.510 502	9.999 793	0	232	
769	8.489 536	245	8.489 743	245	1.510 257	9.999 793	0	231	
.770	8.489 782	246	8.489 989	246	1.510 011	9.999 793	0	.230	
771	8.490 027	245	8.490 234	245	1.509 766	9.999 793	0	229	
772	8.490 272	245	8.490 480	246	1.509 520	9.999 792	1	228	
773	8.490 517	245	8.490 725	245	1.509 275	9.999 792	0	227	
774	8.490 762	245	8.490 970	245	1.509 030	9.999 792	0	226	
775	8.491 006	244	8.491 215	245	1.508 785	9.999 792	0	225	
776	8.491 251	245	8.491 459	244	1.508 541	9.999 791	1	224	
777	8.491 495	244	8.491 704	245	1.508 296	9.999 791	0	223	
778	8.491 739	244	8.491 949	245	1.508 051	9.999 791	0	222	
779	8.491 984	245	8.492 193	244	1.507 807	9.999 791	0	221	
.780	8.492 228	244	8.492 437	244	1.507 563	9.999 790	1	.220	
781	8.492 471	243	8.492 681	244	1.507 319	9.999 790	0	219	
782	8.492 715	244	8.492 925	244	1.507 075	9.999 790	0	218	
783	8.492 959	244	8.493 169	244	1.506 831	9.999 790	0	217	
784	8.493 202	243	8.493 413	244	1.506 587	9.999 789	1	216	
785	8.493 445	243	8.493 656	243	1.506 344	9.999 789	0	215	
786	8.493 688	243	8.493 900	244	1.506 100	9.999 789	0	214	
787	8.493 932	244	8.494 143	243	1.505 857	9.999 789	0	213	
788	8.494 174	242	8.494 386	243	1.505 614	9.999 788	1	212	
789	8.494 417	243	8.494 629	243	1.505 371	9.999 788	0	211	
.790	8.494 660	243	8.494 872	243	1.505 128	9.999 788	0	.210	
791	8.494 902	242	8.495 114	242	1.504 886	9.999 788	0	209	
792	8.495 145	243	8.495 357	243	1.504 643	9.999 788	0	208	
793	8.495 387	242	8.495 599	242	1.504 401	9.999 787	1	207	
794	8.495 629	242	8.495 842	243	1.504 158	9.999 787	0	206	
795	8.495 871	242	8.496 084	242	1.503 916	9.999 787	0	205	
796	8.496 113	242	8.496 326	242	1.503 674	9.999 787	0	204	
797	8.496 354	241	8.496 568	242	1.503 432	9.999 786	1	203	
798	8.496 596	242	8.496 810	242	1.503 190	9.999 786	0	202	
799	8.496 837	241	8.497 051	241	1.502 949	9.999 786	0	201	
.800	8.497 078	241	8.497 293	242	1.502 707	9.999 786	0	.200	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.250 — 88°.200

1°.800 — 1°.850

1°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.497 078		8.497 293		1.502 707	9.999 786		.200	
801	8.497 320	242	8.497 534	241	1.502 466	9.999 785	1	199	
802	8.497 561	241	8.497 775	241	1.502 225	9.999 785	0	198	
803	8.497 801	240	8.498 016	241	1.501 984	9.999 785	0	197	
804	8.498 042	241	8.498 257	241	1.501 743	9.999 785	0	196	
805	8.498 283	241	8.498 498	241	1.501 502	9.999 784	1	195	
806	8.498 523	240	8.498 739	241	1.501 261	9.999 784	0	194	
807	8.498 764	241	8.498 980	241	1.501 020	9.999 784	0	193	
808	8.499 004	240	8.499 220	240	1.500 780	9.999 784	0	192	
809	8.499 244	240	8.499 460	240	1.500 540	9.999 783	1	191	
.810	8.499 484	240	8.499 700	240	1.500 300	9.999 783	0	.190	
811	8.499 724	240	8.499 940	240	1.500 060	9.999 783	0	189	
812	8.499 963	239	8.500 180	240	1.499 820	9.999 783	0	188	
813	8.500 203	240	8.500 420	240	1.499 580	9.999 783	0	187	
814	8.500 442	239	8.500 660	240	1.499 340	9.999 782	1	186	
815	8.500 681	239	8.500 899	239	1.499 101	9.999 782	0	185	
816	8.500 920	239	8.501 139	240	1.498 861	9.999 782	0	184	
817	8.501 159	239	8.501 378	239	1.498 622	9.999 782	0	183	
818	8.501 398	239	8.501 617	239	1.498 383	9.999 781	1	182	
819	8.501 637	239	8.501 856	239	1.498 144	9.999 781	0	181	
.820	8.501 876	239	8.502 095	239	1.497 905	9.999 781	0	.180	
821	8.502 114	238	8.502 334	239	1.497 666	9.999 781	0	179	
822	8.502 353	239	8.502 572	238	1.497 428	9.999 780	1	178	
823	8.502 591	238	8.502 811	239	1.497 189	9.999 780	0	177	
824	8.502 829	238	8.503 049	238	1.496 951	9.999 780	0	176	
825	8.503 067	238	8.503 287	238	1.496 713	9.999 780	0	175	
826	8.503 305	238	8.503 525	238	1.496 475	9.999 779	1	174	
827	8.503 542	237	8.503 763	238	1.496 237	9.999 779	0	173	
828	8.503 780	238	8.504 001	238	1.495 999	9.999 779	0	172	
829	8.504 017	237	8.504 239	238	1.495 761	9.999 779	0	171	
.830	8.504 255	238	8.504 476	237	1.495 524	9.999 778	1	.170	
831	8.504 492	237	8.504 714	238	1.495 286	9.999 778	0	169	
832	8.504 729	237	8.504 951	237	1.495 049	9.999 778	0	168	
833	8.504 966	237	8.505 188	237	1.494 812	9.999 778	0	167	
834	8.505 203	237	8.505 425	237	1.494 575	9.999 777	1	166	
835	8.505 439	236	8.505 662	237	1.494 338	9.999 777	0	165	
836	8.505 676	237	8.505 899	237	1.494 101	9.999 777	0	164	
837	8.505 912	236	8.506 135	236	1.493 865	9.999 777	0	163	
838	8.506 148	236	8.506 372	237	1.493 628	9.999 777	0	162	
839	8.506 385	237	8.506 608	236	1.493 392	9.999 776	1	161	
.840	8.506 621	236	8.506 845	237	1.493 155	9.999 776	0	.160	
841	8.506 856	235	8.507 081	236	1.492 919	9.999 776	0	159	
842	8.507 092	236	8.507 317	236	1.492 683	9.999 776	0	158	
843	8.507 328	236	8.507 553	236	1.492 447	9.999 775	1	157	
844	8.507 563	235	8.507 788	235	1.492 212	9.999 775	0	156	
845	8.507 799	236	8.508 024	236	1.491 976	9.999 775	0	155	
846	8.508 034	235	8.508 259	235	1.491 741	9.999 775	0	154	
847	8.508 269	235	8.508 495	236	1.491 505	9.999 774	1	153	
848	8.508 504	235	8.508 730	235	1.491 270	9.999 774	0	152	
849	8.508 739	235	8.508 965	235	1.491 035	9.999 774	0	151	
.850	8.508 974	235	8.509 200	235	1.490 800	9.999 774	0	.150	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.850 — 1°.900

1°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.508 974		8.509 200		1.490 800	9.999 774		.150	
851	8.509 208	234	8.509 435	235	1.490 565	9.999 773	1	149	
852	8.509 443	235	8.509 670	235	1.490 330	9.999 773	0	148	
853	8.509 677	234	8.509 904	234	1.490 096	9.999 773	0	147	
854	8.509 911	234	8.510 139	235	1.489 861	9.999 773	0	146	
855	8.510 145	234	8.510 373	234	1.489 627	9.999 772	1	145	
856	8.510 379	234	8.510 607	234	1.489 393	9.999 772	0	144	
857	8.510 613	234	8.510 841	234	1.489 159	9.999 772	0	143	
858	8.510 847	234	8.511 075	234	1.488 925	9.999 772	0	142	
859	8.511 081	234	8.511 309	234	1.488 691	9.999 771	1	141	
.860	8.511 314	233	8.511 543	234	1.488 457	9.999 771	0	.140	
861	8.511 547	233	8.511 777	234	1.488 223	9.999 771	0	139	
862	8.511 781	234	8.512 010	233	1.487 990	9.999 771	0	138	
863	8.512 014	233	8.512 243	233	1.487 757	9.999 770	1	137	
864	8.512 247	233	8.512 477	234	1.487 523	9.999 770	0	136	
865	8.512 480	233	8.512 710	233	1.487 290	9.999 770	0	135	
866	8.512 712	232	8.512 943	233	1.487 057	9.999 770	0	134	
867	8.512 945	233	8.513 175	232	1.486 825	9.999 769	1	133	
868	8.513 177	232	8.513 408	233	1.486 592	9.999 769	0	132	
869	8.513 410	233	8.513 641	233	1.486 359	9.999 769	0	131	
.870	8.513 642	232	8.513 873	232	1.486 127	9.999 769	0	.130	
871	8.513 874	232	8.514 106	233	1.485 894	9.999 768	1	129	
872	8.514 106	232	8.514 338	232	1.485 662	9.999 768	0	128	
873	8.514 338	232	8.514 570	232	1.485 430	9.999 768	0	127	
874	8.514 570	232	8.514 802	232	1.485 198	9.999 768	0	126	
875	8.514 801	231	8.515 034	232	1.484 966	9.999 767	1	125	
876	8.515 033	232	8.515 265	231	1.484 735	9.999 767	0	124	
877	8.515 264	231	8.515 497	232	1.484 503	9.999 767	0	123	
878	8.515 495	231	8.515 729	232	1.484 271	9.999 767	0	122	
879	8.515 726	231	8.515 960	231	1.484 040	9.999 766	1	121	
.880	8.515 957	231	8.516 191	231	1.483 809	9.999 766	0	.120	
881	8.516 188	231	8.516 422	231	1.483 578	9.999 766	0	119	
882	8.516 419	231	8.516 653	231	1.483 347	9.999 766	0	118	
883	8.516 650	231	8.516 884	231	1.483 116	9.999 765	1	117	
884	8.516 880	230	8.517 115	231	1.482 885	9.999 765	0	116	
885	8.517 110	230	8.517 345	230	1.482 655	9.999 765	0	115	
886	8.517 341	231	8.517 576	231	1.482 424	9.999 765	0	114	
887	8.517 571	230	8.517 806	230	1.482 194	9.999 764	1	113	
888	8.517 801	230	8.518 037	231	1.481 963	9.999 764	0	112	
889	8.518 031	230	8.518 267	230	1.481 733	9.999 764	0	111	
.890	8.518 260	229	8.518 497	230	1.481 503	9.999 764	0	.110	
891	8.518 490	230	8.518 727	230	1.481 273	9.999 763	1	109	
892	8.518 720	230	8.518 956	229	1.481 044	9.999 763	0	108	
893	8.518 949	229	8.519 186	230	1.480 814	9.999 763	0	107	
894	8.519 178	229	8.519 416	230	1.480 584	9.999 763	0	106	
895	8.519 407	229	8.519 645	229	1.480 355	9.999 762	1	105	
896	8.519 636	229	8.519 874	229	1.480 126	9.999 762	0	104	
897	8.519 865	229	8.520 103	229	1.479 897	9.999 762	0	103	
898	8.520 094	229	8.520 332	229	1.479 668	9.999 762	0	102	
899	8.520 323	229	8.520 561	229	1.479 439	9.999 761	1	101	
.900	8.520 551	228	8.520 790	229	1.479 210	9.999 761	0	.100	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.150 — 88°.100

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.900 — 1°.950

1°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.520 551		8.520 790		1.479 210	9.999 761		.100	
901	8.520 780	229	8.521 019	229	1.478 981	9.999 761	0	099	
902	8.521 008	228	8.521 247	228	1.478 753	9.999 761	0	098	
903	8.521 236	228	8.521 476	229	1.478 524	9.999 760	1	097	
904	8.521 464	228	8.521 704	228	1.478 296	9.999 760	0	096	229 228
905	8.521 692	228	8.521 932	228	1.478 068	9.999 760	0	095	1 22.9 22.8
906	8.521 920	228	8.522 161	229	1.477 839	9.999 760	0	094	2 45.8 45.6
907	8.522 148	228	8.522 388	227	1.477 612	9.999 759	1	093	3 68.7 68.4
908	8.522 375	227	8.522 616	228	1.477 384	9.999 759	0	092	4 91.6 91.2
909	8.522 603	228	8.522 844	228	1.477 156	9.999 759	0	091	5 114.5 114.0
.910	8.522 830	227	8.523 072	228	1.476 928	9.999 759	0	.090	6 137.4 136.8
911	8.523 058	228	8.523 299	227	1.476 701	9.999 758	1	089	7 160.3 159.6
912	8.523 285	227	8.523 527	228	1.476 473	9.999 758	0	088	8 183.2 182.4
913	8.523 512	227	8.523 754	227	1.476 246	9.999 758	0	087	9 206.1 205.2
914	8.523 739	227	8.523 981	227	1.476 019	9.999 758	0	086	
915	8.523 965	226	8.524 208	227	1.475 792	9.999 757	1	085	227 226
916	8.524 192	227	8.524 435	227	1.475 565	9.999 757	0	084	1 22.7 22.6
917	8.524 418	226	8.524 662	227	1.475 338	9.999 757	0	083	2 45.4 45.2
918	8.524 645	227	8.524 888	226	1.475 112	9.999 757	0	082	3 68.1 67.8
919	8.524 871	226	8.525 115	227	1.474 885	9.999 756	1	081	4 90.8 90.4
.920	8.525 097	226	8.525 341	226	1.474 659	9.999 756	0	.080	5 113.5 113.0
921	8.525 323	226	8.525 568	227	1.474 432	9.999 756	0	079	6 136.2 135.6
922	8.525 549	226	8.525 794	226	1.474 206	9.999 756	0	078	7 158.9 158.2
923	8.525 775	226	8.526 020	226	1.473 980	9.999 755	1	077	8 181.6 180.8
924	8.526 001	226	8.526 246	226	1.473 754	9.999 755	0	076	9 204.3 203.4
925	8.526 226	225	8.526 472	226	1.473 528	9.999 755	0	075	
926	8.526 452	226	8.526 697	225	1.473 303	9.999 755	0	074	
927	8.526 677	225	8.526 923	226	1.473 077	9.999 754	1	073	225 224
928	8.526 902	225	8.527 148	225	1.472 852	9.999 754	0	072	1 22.5 22.4
929	8.527 128	226	8.527 374	226	1.472 626	9.999 754	0	071	2 45.0 44.8
.930	8.527 353	225	8.527 599	225	1.472 401	9.999 754	0	.070	3 67.5 67.2
931	8.527 577	224	8.527 824	225	1.472 176	9.999 753	1	069	4 90.0 89.6
932	8.527 802	225	8.528 049	225	1.471 951	9.999 753	0	068	5 112.5 112.0
933	8.528 027	225	8.528 274	225	1.471 726	9.999 753	0	067	6 135.0 134.4
934	8.528 251	224	8.528 499	225	1.471 501	9.999 753	0	066	7 157.5 156.8
935	8.528 476	225	8.528 723	224	1.471 277	9.999 752	1	065	8 180.0 179.2
936	8.528 700	224	8.528 948	225	1.471 052	9.999 752	0	064	9 202.5 201.6
937	8.528 924	224	8.529 172	224	1.470 828	9.999 752	0	063	
938	8.529 148	224	8.529 397	225	1.470 603	9.999 752	0	062	
939	8.529 372	224	8.529 621	224	1.470 379	9.999 751	1	061	223 222
.940	8.529 596	224	8.529 845	224	1.470 155	9.999 751	0	.060	1 22.3 22.2
941	8.529 820	224	8.530 069	224	1.469 931	9.999 751	0	059	2 44.6 44.4
942	8.530 043	223	8.530 293	224	1.469 707	9.999 750	1	058	3 66.9 66.6
943	8.530 267	224	8.530 517	224	1.469 483	9.999 750	0	057	4 89.2 88.8
944	8.530 490	223	8.530 740	223	1.469 260	9.999 750	0	056	5 111.5 111.0
945	8.530 714	224	8.530 964	224	1.469 036	9.999 750	0	055	6 133.8 133.2
946	8.530 937	223	8.531 187	223	1.468 813	9.999 749	0	054	7 156.1 155.4
947	8.531 160	223	8.531 411	224	1.468 589	9.999 749	1	053	8 178.4 177.6
948	8.531 383	223	8.531 634	223	1.468 366	9.999 749	0	052	9 200.7 199.8
949	8.531 605	222	8.531 857	223	1.468 143	9.999 749	0	051	
.950	8.531 828	223	8.532 080	223	1.467 920	9.999 748	1	.050	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.100 — 88°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

1°.950 — 2°.000

1°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.531 828		8.532 080		1.467 920	9.999 748		.050	
951	8.532 051	223	8.532 303	223	1.467 697	9.999 748	0	049	
952	8.532 273	222	8.532 525	222	1.467 475	9.999 748	0	048	
953	8.532 496	223	8.532 748	223	1.467 252	9.999 748	0	047	
		222		222			1		223 222
954	8.532 718	222	8.532 970	223	1.467 030	9.999 747	0	046	
955	8.532 940	222	8.533 193	222	1.466 807	9.999 747	0	045	1 22.3 22.2
956	8.533 162	222	8.533 415	222	1.466 585	9.999 747	0	044	2 44.6 44.4
		222		222			0		3 66.9 66.6
957	8.533 384	222	8.533 637	222	1.466 363	9.999 747	1	043	4 89.2 88.8
958	8.533 606	221	8.533 859	222	1.466 141	9.999 746	0	042	5 111.5 111.0
959	8.533 827	221	8.534 081	222	1.465 919	9.999 746	0	041	6 133.8 133.2
		222		222			0		7 156.1 155.4
.960	8.534 049	221	8.534 303	222	1.465 697	9.999 746	0	.040	8 178.4 177.6
		221		222			0		9 200.7 199.8
961	8.534 270	221	8.534 525	221	1.465 475	9.999 746	1	039	
962	8.534 491	222	8.534 746	222	1.465 254	9.999 745	0	038	
963	8.534 713	221	8.534 968	221	1.465 032	9.999 745	0	037	
		221		221			0		221 220
964	8.534 934	221	8.535 189	221	1.464 811	9.999 745	0	036	
965	8.535 155	221	8.535 410	221	1.464 590	9.999 745	1	035	
966	8.535 376	221	8.535 631	221	1.464 369	9.999 744	0	034	1 22.1 22.0
		220		221			0		2 44.2 44.0
967	8.535 596	221	8.535 852	221	1.464 148	9.999 744	0	033	3 66.3 66.0
968	8.535 817	221	8.536 073	221	1.463 927	9.999 744	0	032	4 88.4 88.0
969	8.536 038	221	8.536 294	221	1.463 706	9.999 744	0	031	5 110.5 110.0
		220		221			1		6 132.6 132.0
.970	8.536 258	220	8.536 515	220	1.463 485	9.999 743	0	.030	7 154.7 154.0
		220		220			0		8 176.8 176.0
971	8.536 478	221	8.536 735	221	1.463 265	9.999 743	1	029	9 198.9 198.0
972	8.536 699	220	8.536 956	220	1.463 044	9.999 743	0	028	
973	8.536 919	220	8.537 176	220	1.462 824	9.999 742	0	027	
		220		220			0		
974	8.537 139	219	8.537 396	221	1.462 604	9.999 742	0	026	
975	8.537 358	220	8.537 617	220	1.462 383	9.999 742	0	025	
976	8.537 578	220	8.537 837	220	1.462 163	9.999 742	0	024	
		220		219			1		219 218
977	8.537 798	219	8.538 056	220	1.461 944	9.999 741	0	023	
978	8.538 017	220	8.538 276	220	1.461 724	9.999 741	0	022	1 21.9 21.8
979	8.538 237	220	8.538 496	220	1.461 504	9.999 741	0	021	2 43.8 43.6
		219		219			0		3 65.7 65.4
.980	8.538 456	219	8.538 715	220	1.461 285	9.999 741	1	.020	4 87.6 87.2
		219		220			0		5 109.5 109.0
981	8.538 675	219	8.538 935	219	1.461 065	9.999 740	0	019	6 131.4 130.8
982	8.538 894	219	8.539 154	220	1.460 846	9.999 740	0	018	7 153.3 152.6
983	8.539 113	219	8.539 374	219	1.460 626	9.999 740	0	017	8 175.2 174.4
		219		219			1		9 197.1 196.2
984	8.539 332	219	8.539 593	219	1.460 407	9.999 740	0	016	
985	8.539 551	219	8.539 812	219	1.460 188	9.999 739	0	015	
986	8.539 770	218	8.540 031	218	1.459 969	9.999 739	0	014	
		218		218			0		
987	8.539 988	219	8.540 249	219	1.459 751	9.999 739	0	013	
988	8.540 207	218	8.540 468	219	1.459 532	9.999 739	1	012	
989	8.540 425	218	8.540 687	218	1.459 313	9.999 738	0	011	217
		218		218			0		
.990	8.540 643	218	8.540 905	218	1.459 095	9.999 738	0	.010	1 21.7
		218		218			0		2 43.4
991	8.540 861	218	8.541 123	219	1.458 877	9.999 738	1	009	3 65.1
992	8.541 079	218	8.541 342	218	1.458 658	9.999 737	0	008	4 86.8
993	8.541 297	218	8.541 560	218	1.458 440	9.999 737	0	007	5 108.5
		218		218			0		6 130.2
994	8.541 515	218	8.541 778	218	1.458 222	9.999 737	0	006	7 151.9
995	8.541 733	218	8.541 996	218	1.458 004	9.999 737	1	005	8 173.6
996	8.541 950	217	8.542 214	218	1.457 786	9.999 736	0	004	9 195.3
		217		217			0		
997	8.542 167	218	8.542 431	218	1.457 569	9.999 736	0	003	
998	8.542 385	217	8.542 649	217	1.457 351	9.999 736	0	002	
999	8.542 602	217	8.542 866	217	1.457 134	9.999 736	0	001	
		217		218			1		
*.000	8.542 819		8.543 084		1.456 916	9.999 735		.000	
	cos	d	cotg	d	tang	sin	d	88°	P.P.

88°.050 — 88°.000

2°.000 — 2°.050

2°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.542 819		8.543 084		1.456 916	9.999 735		*.000	
001	8.543 036	217	8.543 301	217	1.456 699	9.999 735	0	999	
002	8.543 253	217	8.543 518	217	1.456 482	9.999 735	0	998	
003	8.543 470	217	8.543 735	217	1.456 265	9.999 735	0	997	
004	8.543 687	217	8.543 952	217	1.456 048	9.999 734	1	996	
005	8.543 903	216	8.544 169	217	1.455 831	9.999 734	0	995	
006	8.544 120	217	8.544 386	217	1.455 614	9.999 734	0	994	
007	8.544 336	216	8.544 602	216	1.455 398	9.999 734	0	993	
008	8.544 552	216	8.544 819	217	1.455 181	9.999 733	1	992	
009	8.544 768	216	8.545 035	216	1.454 965	9.999 733	0	991	
.010	8.544 984	216	8.545 252	217	1.454 748	9.999 733	0	.990	
011	8.545 200	216	8.545 468	216	1.454 532	9.999 732	1	989	
012	8.545 416	216	8.545 684	216	1.454 316	9.999 732	0	988	
013	8.545 632	216	8.545 900	216	1.454 100	9.999 732	0	987	
014	8.545 847	215	8.546 116	216	1.453 884	9.999 732	0	986	
015	8.546 063	216	8.546 332	216	1.453 668	9.999 731	1	985	
016	8.546 278	215	8.546 547	215	1.453 453	9.999 731	0	984	
017	8.546 494	216	8.546 763	216	1.453 237	9.999 731	0	983	
018	8.546 709	215	8.546 978	215	1.453 022	9.999 731	0	982	
019	8.546 924	215	8.547 193	215	1.452 807	9.999 730	1	981	
.020	8.547 139	215	8.547 409	216	1.452 591	9.999 730	0	.980	
021	8.547 354	215	8.547 624	215	1.452 376	9.999 730	0	979	
022	8.547 568	214	8.547 839	215	1.452 161	9.999 730	0	978	
023	8.547 783	215	8.548 054	215	1.451 946	9.999 729	1	977	
024	8.547 998	215	8.548 269	215	1.451 731	9.999 729	0	976	
025	8.548 212	214	8.548 483	214	1.451 517	9.999 729	0	975	
026	8.548 426	214	8.548 698	215	1.451 302	9.999 728	1	974	
027	8.548 641	215	8.548 912	214	1.451 088	9.999 728	0	973	
028	8.548 855	214	8.549 127	215	1.450 873	9.999 728	0	972	
029	8.549 069	214	8.549 341	214	1.450 659	9.999 728	0	971	
.030	8.549 283	214	8.549 555	214	1.450 445	9.999 727	1	.970	
031	8.549 496	213	8.549 769	214	1.450 231	9.999 727	0	969	
032	8.549 710	214	8.549 983	214	1.450 017	9.999 727	0	968	
033	8.549 924	214	8.550 197	214	1.449 803	9.999 727	0	967	
034	8.550 137	213	8.550 411	214	1.449 589	9.999 726	1	966	
035	8.550 350	213	8.550 624	213	1.449 376	9.999 726	0	965	
036	8.550 564	214	8.550 838	214	1.449 162	9.999 726	0	964	
037	8.550 777	213	8.551 051	213	1.448 949	9.999 725	1	963	
038	8.550 990	213	8.551 265	214	1.448 735	9.999 725	0	962	
039	8.551 203	213	8.551 478	213	1.448 522	9.999 725	0	961	
.040	8.551 416	213	8.551 691	213	1.448 309	9.999 725	0	.960	
041	8.551 629	213	8.551 904	213	1.448 096	9.999 724	1	959	
042	8.551 841	212	8.552 117	213	1.447 883	9.999 724	0	958	
043	8.552 054	213	8.552 330	213	1.447 670	9.999 724	0	957	
044	8.552 266	212	8.552 543	213	1.447 457	9.999 724	0	956	
045	8.552 478	212	8.552 755	212	1.447 245	9.999 723	1	955	
046	8.552 691	213	8.552 968	213	1.447 032	9.999 723	0	954	
047	8.552 903	212	8.553 180	212	1.446 820	9.999 723	0	953	
048	8.553 115	212	8.553 392	212	1.446 608	9.999 723	0	952	
049	8.553 327	212	8.553 605	213	1.446 395	9.999 722	1	951	
.050	8.553 539	212	8.553 817	212	1.446 183	9.999 722	0	.950	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.050 — 2°.100

2°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.553 539		8.553 817		1.446 183	9.999 722		.950	
051	8.553 750	211	8.554 029	212	1.445 971	9.999 722	0	949	
052	8.553 962	212	8.554 240	211	1.445 760	9.999 721	1	948	
053	8.554 173	211	8.554 452	212	1.445 548	9.999 721	0	947	
		212		212			0		
054	8.554 385	211	8.554 664	211	1.445 336	9.999 721	0	946	
055	8.554 596	211	8.554 875	212	1.445 125	9.999 721	0	945	
056	8.554 807	211	8.555 087	211	1.444 913	9.999 720	1	944	
		211		211			0		
057	8.555 018	211	8.555 298	212	1.444 702	9.999 720	0	943	
058	8.555 229	211	8.555 510	211	1.444 490	9.999 720	0	942	
059	8.555 440	211	8.555 721	211	1.444 279	9.999 720	0	941	
		211		211			1		
.060	8.555 651	211	8.555 932	211	1.444 068	9.999 719	0	.940	
061	8.555 862	210	8.556 143	211	1.443 857	9.999 719	0	939	
062	8.556 072	211	8.556 354	210	1.443 646	9.999 719	1	938	
063	8.556 283	210	8.556 564	211	1.443 436	9.999 718	0	937	
		210		211			0		
064	8.556 493	210	8.556 775	211	1.443 225	9.999 718	0	936	
065	8.556 703	211	8.556 986	210	1.443 014	9.999 718	0	935	
066	8.556 914	210	8.557 196	210	1.442 804	9.999 718	1	934	
		210		210			0		
067	8.557 124	210	8.557 406	211	1.442 594	9.999 717	0	933	
068	8.557 334	209	8.557 617	210	1.442 383	9.999 717	0	932	
069	8.557 543	210	8.557 827	210	1.442 173	9.999 717	0	931	
		210		210			0		
.070	8.557 753	210	8.558 037	210	1.441 963	9.999 717	1	.930	
071	8.557 963	209	8.558 247	209	1.441 753	9.999 716	0	929	
072	8.558 172	210	8.558 456	210	1.441 544	9.999 716	0	928	
073	8.558 382	209	8.558 666	210	1.441 334	9.999 716	1	927	
		209		210			0		
074	8.558 591	210	8.558 876	209	1.441 124	9.999 715	0	926	
075	8.558 801	209	8.559 085	210	1.440 915	9.999 715	0	925	
076	8.559 010	209	8.559 295	209	1.440 705	9.999 715	0	924	
		209		209			0		
077	8.559 219	209	8.559 504	209	1.440 496	9.999 715	1	923	
078	8.559 428	209	8.559 713	210	1.440 287	9.999 714	0	922	
079	8.559 637	208	8.559 923	209	1.440 077	9.999 714	0	921	
		208		208			0		
.080	8.559 845	209	8.560 132	208	1.439 868	9.999 714	1	.920	
081	8.560 054	209	8.560 340	209	1.439 660	9.999 713	0	919	
082	8.560 263	208	8.560 549	209	1.439 451	9.999 713	0	918	
083	8.560 471	208	8.560 758	209	1.439 242	9.999 713	0	917	
		208		208			0		
084	8.560 679	209	8.560 967	208	1.439 033	9.999 713	1	916	
085	8.560 888	208	8.561 175	209	1.438 825	9.999 712	0	915	
086	8.561 096	208	8.561 384	208	1.438 616	9.999 712	0	914	
		208		208			0		
087	8.561 304	208	8.561 592	208	1.438 408	9.999 712	0	913	
088	8.561 512	208	8.561 800	208	1.438 200	9.999 712	1	912	
089	8.561 720	207	8.562 008	208	1.437 992	9.999 711	0	911	
		207		207			0		
.090	8.561 927	208	8.562 216	208	1.437 784	9.999 711	0	.910	
091	8.562 135	208	8.562 424	208	1.437 576	9.999 711	1	909	
092	8.562 343	207	8.562 632	208	1.437 368	9.999 710	0	908	
093	8.562 550	207	8.562 840	207	1.437 160	9.999 710	0	907	
		207		207			0		
094	8.562 757	208	8.563 047	208	1.436 953	9.999 710	0	906	
095	8.562 965	207	8.563 255	207	1.436 745	9.999 710	1	905	
096	8.563 172	207	8.563 462	208	1.436 538	9.999 709	0	904	
		207		207			0		
097	8.563 379	207	8.563 670	207	1.436 330	9.999 709	0	903	
098	8.563 586	207	8.563 877	207	1.436 123	9.999 709	0	902	
099	8.563 793	206	8.564 084	207	1.435 916	9.999 709	1	901	
		206		206			1		
.100	8.563 999		8.564 291		1.435 709	9.999 708		.900	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.950 — 87°.900

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.100 — 2°.150

2°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.563 999		8.564 291		1.435 709	9.999 708		.900	
101	8.564 206	207	8.564 498	207	1.435 502	9.999 708	0	899	
102	8.564 413	207	8.564 705	207	1.435 295	9.999 708	0	898	
103	8.564 619	206	8.564 912	207	1.435 088	9.999 707	1	897	
		206		206			0		
104	8.564 825	206	8.565 118	206	1.434 882	9.999 707	0	896	
105	8.565 032	207	8.565 325	207	1.434 675	9.999 707	0	895	
106	8.565 238	206	8.565 531	206	1.434 469	9.999 707	0	894	
		206		207			1		
107	8.565 444	206	8.565 738	206	1.434 262	9.999 706	0	893	
108	8.565 650	206	8.565 944	206	1.434 056	9.999 706	0	892	
109	8.565 856	206	8.566 150	206	1.433 850	9.999 706	0	891	
		206		206			1		
.110	8.566 062	205	8.566 356	206	1.433 644	9.999 705	0	.890	
111	8.566 267	206	8.566 562	206	1.433 438	9.999 705	0	889	
112	8.566 473	205	8.566 768	206	1.433 232	9.999 705	0	888	
113	8.566 678	206	8.566 974	205	1.433 026	9.999 705	0	887	
		205		206			1		
114	8.566 884	205	8.567 179	206	1.432 821	9.999 704	0	886	
115	8.567 089	205	8.567 385	206	1.432 615	9.999 704	0	885	
116	8.567 294	205	8.567 591	205	1.432 409	9.999 704	0	884	
		205		205			1		
117	8.567 499	205	8.567 796	205	1.432 204	9.999 703	0	883	
118	8.567 704	205	8.568 001	205	1.431 999	9.999 703	0	882	
119	8.567 909	205	8.568 206	205	1.431 794	9.999 703	0	881	
		205		205			0		
.120	8.568 114	205	8.568 411	205	1.431 589	9.999 703	1	.880	
121	8.568 319	205	8.568 616	205	1.431 384	9.999 702	0	879	
122	8.568 523	204	8.568 821	205	1.431 179	9.999 702	0	878	
123	8.568 728	205	8.569 026	205	1.430 974	9.999 702	0	877	
		204		205			0		
124	8.568 932	205	8.569 231	204	1.430 769	9.999 702	1	876	
125	8.569 137	204	8.569 435	205	1.430 565	9.999 701	0	875	
126	8.569 341	204	8.569 640	204	1.430 360	9.999 701	0	874	
		204		204			0		
127	8.569 545	204	8.569 844	205	1.430 156	9.999 701	1	873	
128	8.569 749	204	8.570 049	204	1.429 951	9.999 700	0	872	
129	8.569 953	204	8.570 253	204	1.429 747	9.999 700	0	871	
		204		204			0		
.130	8.570 157	204	8.570 457	204	1.429 543	9.999 700	0	.870	
131	8.570 361	203	8.570 661	204	1.429 339	9.999 700	1	869	
132	8.570 564	204	8.570 865	204	1.429 135	9.999 699	0	868	
133	8.570 768	203	8.571 069	204	1.428 931	9.999 699	0	867	
		203		203			0		
134	8.570 971	204	8.571 273	203	1.428 727	9.999 699	1	866	
135	8.571 175	203	8.571 476	204	1.428 524	9.999 698	0	865	
136	8.571 378	203	8.571 680	203	1.428 320	9.999 698	0	864	
		203		203			0		
137	8.571 581	203	8.571 883	204	1.428 117	9.999 698	0	863	
138	8.571 784	203	8.572 087	203	1.427 913	9.999 698	1	862	
139	8.571 987	203	8.572 290	203	1.427 710	9.999 697	0	861	
		203		203			0		
.140	8.572 190	203	8.572 493	203	1.427 507	9.999 697	0	.860	
141	8.572 393	203	8.572 696	203	1.427 304	9.999 697	1	859	
142	8.572 596	202	8.572 899	203	1.427 101	9.999 696	0	858	
143	8.572 798	203	8.573 102	203	1.426 898	9.999 696	0	857	
		203		203			0		
144	8.573 001	202	8.573 305	203	1.426 695	9.999 696	0	856	
145	8.573 203	203	8.573 508	202	1.426 492	9.999 696	0	855	
146	8.573 406	202	8.573 710	203	1.426 290	9.999 695	1	854	
		202		202			0		
147	8.573 608	202	8.573 913	202	1.426 087	9.999 695	0	853	
148	8.573 810	202	8.574 115	203	1.425 885	9.999 695	0	852	
149	8.574 012	202	8.574 318	202	1.425 682	9.999 694	1	851	
		202		202			0		
.150	8.574 214		8.574 520		1.425 480	9.999 694		.850	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	207	206
1	20.7	20.6
2	41.4	41.2
3	62.1	61.8
4	82.8	82.4
5	103.5	103.0
6	124.2	123.6
7	144.9	144.2
8	165.6	164.8
9	186.3	185.4

	205	204
1	20.5	20.4
2	41.0	40.8
3	61.5	61.2
4	82.0	81.6
5	102.5	102.0
6	123.0	122.4
7	143.5	142.8
8	164.0	163.2
9	184.5	183.6

	203	202
1	20.3	20.2
2	40.6	40.4
3	60.9	60.6
4	81.2	80.8
5	101.5	101.0
6	121.8	121.2
7	142.1	141.4
8	162.4	161.6
9	182.7	181.8

87°.900 — 87°.850

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.150 — 2°.200

2°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.574 214		8.574 520		1.425 480	9.999 694		.850	
151	8.574 416	202	8.574 722	202	1.425 278	9.999 694	0	849	
152	8.574 618	202	8.574 924	202	1.425 076	9.999 694	0	848	
153	8.574 819	201	8.575 126	202	1.424 874	9.999 693	1	847	
		202		202			0		
154	8.575 021	201	8.575 328	202	1.424 672	9.999 693	0	846	
155	8.575 222	202	8.575 530	201	1.424 470	9.999 693	0	845	
156	8.575 424	202	8.575 731	201	1.424 269	9.999 692	1	844	
		201		202			0		
157	8.575 625	201	8.575 933	201	1.424 067	9.999 692	0	843	
158	8.575 826	201	8.576 134	202	1.423 866	9.999 692	0	842	
159	8.576 027	201	8.576 336	202	1.423 664	9.999 692	0	841	
		201		201			1		
.160	8.576 228	201	8.576 537	201	1.423 463	9.999 691	0	.840	
161	8.576 429	201	8.576 738	201	1.423 262	9.999 691	0	839	
162	8.576 630	201	8.576 939	201	1.423 061	9.999 691	0	838	
163	8.576 831	201	8.577 140	201	1.422 860	9.999 690	1	837	
		200		201			0		
164	8.577 031	201	8.577 341	201	1.422 659	9.999 690	0	836	
165	8.577 232	201	8.577 542	201	1.422 458	9.999 690	0	835	
166	8.577 432	200	8.577 743	201	1.422 257	9.999 690	0	834	
		201		200			1		
167	8.577 633	200	8.577 943	201	1.422 057	9.999 689	0	833	
168	8.577 833	200	8.578 144	201	1.421 856	9.999 689	0	832	
169	8.578 033	200	8.578 344	200	1.421 656	9.999 689	0	831	
		200		201			1		
.170	8.578 233	200	8.578 545	200	1.421 455	9.999 688	0	.830	
171	8.578 433	200	8.578 745	200	1.421 255	9.999 688	0	829	
172	8.578 633	200	8.578 945	200	1.421 055	9.999 688	0	828	
173	8.578 833	200	8.579 145	200	1.420 855	9.999 688	0	827	
		200		200			1		
174	8.579 033	199	8.579 345	200	1.420 655	9.999 687	0	826	
175	8.579 232	200	8.579 545	200	1.420 455	9.999 687	0	825	
176	8.579 432	200	8.579 745	200	1.420 255	9.999 687	0	824	
		199		200			1		
177	8.579 631	200	8.579 945	200	1.420 055	9.999 686	0	823	
178	8.579 831	199	8.580 145	200	1.419 855	9.999 686	0	822	
179	8.580 030	199	8.580 344	200	1.419 656	9.999 686	0	821	
		199		200			0		
.180	8.580 229	199	8.580 544	199	1.419 456	9.999 686	1	.820	
181	8.580 428	199	8.580 743	199	1.419 257	9.999 685	0	819	
182	8.580 627	199	8.580 942	199	1.419 058	9.999 685	0	818	
183	8.580 826	199	8.581 141	199	1.418 859	9.999 685	0	817	
		199		199			1		
184	8.581 025	199	8.581 340	199	1.418 660	9.999 684	0	816	
185	8.581 224	198	8.581 539	199	1.418 461	9.999 684	0	815	
186	8.581 422	199	8.581 738	199	1.418 262	9.999 684	0	814	
		199		199			0		
187	8.581 621	198	8.581 937	199	1.418 063	9.999 684	1	813	
188	8.581 819	198	8.582 136	199	1.417 864	9.999 683	0	812	
189	8.582 017	198	8.582 335	199	1.417 665	9.999 683	0	811	
		199		198			0		
.190	8.582 216	198	8.582 533	199	1.417 467	9.999 683	1	.810	
191	8.582 414	198	8.582 732	198	1.417 268	9.999 682	0	809	
192	8.582 612	198	8.582 930	198	1.417 070	9.999 682	0	808	
193	8.582 810	198	8.583 128	198	1.416 872	9.999 682	0	807	
		198		198			0		
194	8.583 008	198	8.583 326	198	1.416 674	9.999 682	0	806	
195	8.583 206	198	8.583 524	198	1.416 476	9.999 681	1	805	
196	8.583 403	197	8.583 722	198	1.416 278	9.999 681	0	804	
		198		198			0		
197	8.583 601	198	8.583 920	198	1.416 080	9.999 681	1	803	
198	8.583 799	198	8.584 118	198	1.415 882	9.999 680	0	802	
199	8.583 996	197	8.584 316	198	1.415 684	9.999 680	0	801	
		197		198			0		
.200	8.584 193		8.584 514		1.415 486	9.999 680		.800	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	202	201
1	20.2	20.1
2	40.4	40.2
3	60.6	60.3
4	80.8	80.4
5	101.0	100.5
6	121.2	120.6
7	141.4	140.7
8	161.6	160.8
9	181.8	180.9

	200	199
1	20.0	19.9
2	40.0	39.8
3	60.0	59.7
4	80.0	79.6
5	100.0	99.5
6	120.0	119.4
7	140.0	139.3
8	160.0	159.2
9	180.0	179.1

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

87°.850 — 87°.800

2°.200 — 2°.250

2°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.584 193		8.584 514		1.415 486	9.999 680		.800	
201	8.584 391	198	8.584 711	197	1.415 289	9.999 679	1	799	
202	8.584 588	197	8.584 909	198	1.415 091	9.999 679	0	798	
203	8.584 785	197	8.585 106	197	1.414 894	9.999 679	0	797	
204	8.584 982	197	8.585 303	197	1.414 697	9.999 679	0	796	
205	8.585 179	197	8.585 500	197	1.414 500	9.999 678	1	795	
206	8.585 376	197	8.585 698	198	1.414 302	9.999 678	0	794	
207	8.585 572	196	8.585 895	197	1.414 105	9.999 678	0	793	
208	8.585 769	197	8.586 092	197	1.413 908	9.999 677	1	792	
209	8.585 965	196	8.586 288	196	1.413 712	9.999 677	0	791	
.210	8.586 162	197	8.586 485	197	1.413 515	9.999 677	0	.790	
211	8.586 358	196	8.586 682	197	1.413 318	9.999 677	0	789	
212	8.586 555	197	8.586 878	196	1.413 122	9.999 676	1	788	
213	8.586 751	196	8.587 075	197	1.412 925	9.999 676	0	787	
214	8.586 947	196	8.587 271	196	1.412 729	9.999 676	0	786	
215	8.587 143	196	8.587 468	197	1.412 532	9.999 675	1	785	
216	8.587 339	196	8.587 664	196	1.412 336	9.999 675	0	784	
217	8.587 535	196	8.587 860	196	1.412 140	9.999 675	0	783	
218	8.587 730	195	8.588 056	196	1.411 944	9.999 675	0	782	
219	8.587 926	196	8.588 252	196	1.411 748	9.999 674	1	781	
.220	8.588 122	196	8.588 448	196	1.411 552	9.999 674	0	.780	
221	8.588 317	195	8.588 644	196	1.411 356	9.999 674	0	779	
222	8.588 513	196	8.588 839	195	1.411 161	9.999 673	1	778	
223	8.588 708	195	8.589 035	196	1.410 965	9.999 673	0	777	
224	8.588 903	195	8.589 230	195	1.410 770	9.999 673	0	776	
225	8.589 098	195	8.589 426	196	1.410 574	9.999 672	1	775	
226	8.589 293	195	8.589 621	195	1.410 379	9.999 672	0	774	
227	8.589 488	195	8.589 816	195	1.410 184	9.999 672	0	773	
228	8.589 683	195	8.590 012	196	1.409 988	9.999 672	0	772	
229	8.589 878	195	8.590 207	195	1.409 793	9.999 671	1	771	
.230	8.590 073	195	8.590 402	195	1.409 598	9.999 671	0	.770	
231	8.590 267	194	8.590 597	195	1.409 403	9.999 671	0	769	
232	8.590 462	195	8.590 791	194	1.409 209	9.999 670	1	768	
233	8.590 656	194	8.590 986	195	1.409 014	9.999 670	0	767	
234	8.590 850	194	8.591 181	195	1.408 819	9.999 670	0	766	
235	8.591 045	195	8.591 375	194	1.408 625	9.999 669	1	765	
236	8.591 239	194	8.591 570	195	1.408 430	9.999 669	0	764	
237	8.591 433	194	8.591 764	194	1.408 236	9.999 669	0	763	
238	8.591 627	194	8.591 958	194	1.408 042	9.999 669	1	762	
239	8.591 821	194	8.592 153	195	1.407 847	9.999 668	0	761	
.240	8.592 015	194	8.592 347	194	1.407 653	9.999 668	0	.760	
241	8.592 208	193	8.592 541	194	1.407 459	9.999 668	0	759	
242	8.592 402	194	8.592 735	194	1.407 265	9.999 667	1	758	
243	8.592 596	194	8.592 929	194	1.407 071	9.999 667	0	757	
244	8.592 789	193	8.593 122	193	1.406 878	9.999 667	0	756	
245	8.592 983	194	8.593 316	194	1.406 684	9.999 667	0	755	
246	8.593 176	193	8.593 510	194	1.406 490	9.999 666	1	754	
247	8.593 369	193	8.593 703	193	1.406 297	9.999 666	0	753	
248	8.593 562	193	8.593 897	194	1.406 103	9.999 666	0	752	
249	8.593 755	193	8.594 090	193	1.405 910	9.999 665	1	751	
.250	8.593 948	193	8.594 283	193	1.405 717	9.999 665	0	.750	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	198	197
1	19.8	19.7
2	39.6	39.4
3	59.4	59.1
4	79.2	78.8
5	99.0	98.5
6	118.8	118.2
7	138.6	137.9
8	158.4	157.6
9	178.2	177.3

	196	195
1	19.6	19.5
2	39.2	39.0
3	58.8	58.5
4	78.4	78.0
5	98.0	97.5
6	117.6	117.0
7	137.2	136.5
8	156.8	156.0
9	176.4	175.5

	194	193
1	19.4	19.3
2	38.8	38.6
3	58.2	57.9
4	77.6	77.2
5	97.0	96.5
6	116.4	115.8
7	135.8	135.1
8	155.2	154.4
9	174.6	173.7

2°.250 — 2°.300

2°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.593 948		8.594 283		1.405 717	9.999 665		.750	
251	8.594 141	193	8.594 476	193	1.405 524	9.999 665	0	749	
252	8.594 334	193	8.594 669	193	1.405 331	9.999 664	1	748	
253	8.594 527	193	8.594 862	193	1.405 138	9.999 664	0	747	
		192		193			0		
254	8.594 719		8.595 055		1.404 945	9.999 664	0	746	
255	8.594 912	193	8.595 248	193	1.404 752	9.999 664	0	745	
256	8.595 104	192	8.595 441	193	1.404 559	9.999 663	1	744	
		193		193			0		
257	8.595 297		8.595 634		1.404 366	9.999 663	0	743	
258	8.595 489	192	8.595 826	192	1.404 174	9.999 663	0	742	
259	8.595 681	192	8.596 019	193	1.403 981	9.999 662	1	741	
		192		192			0		
.260	8.595 873		8.596 211		1.403 789	9.999 662		.740	
		192		192			0		
261	8.596 065	192	8.596 403	192	1.403 597	9.999 662	0	739	
262	8.596 257	192	8.596 596	193	1.403 404	9.999 661	1	738	
263	8.596 449	192	8.596 788	192	1.403 212	9.999 661	0	737	
		192		192			0		
264	8.596 641		8.596 980		1.403 020	9.999 661	0	736	
265	8.596 832	191	8.597 172	192	1.402 828	9.999 661	0	735	
266	8.597 024	192	8.597 364	192	1.402 636	9.999 660	1	734	
		192		192			0		
267	8.597 216		8.597 556		1.402 444	9.999 660	0	733	
268	8.597 407	191	8.597 747	191	1.402 253	9.999 660	0	732	
269	8.597 598	191	8.597 939	192	1.402 061	9.999 659	1	731	
		192		192			0		
.270	8.597 790		8.598 131		1.401 869	9.999 659		.730	
		191		191			0		
271	8.597 981	191	8.598 322	191	1.401 678	9.999 659	1	729	
272	8.598 172	191	8.598 513	191	1.401 487	9.999 658	1	728	
273	8.598 363	191	8.598 705	192	1.401 295	9.999 658	0	727	
		191		191			0		
274	8.598 554		8.598 896		1.401 104	9.999 658	0	726	
275	8.598 745	191	8.599 087	191	1.400 913	9.999 658	0	725	
276	8.598 935	190	8.599 278	191	1.400 722	9.999 657	1	724	
		191		191			0		
277	8.599 126		8.599 469		1.400 531	9.999 657	0	723	
278	8.599 317	191	8.599 660	191	1.400 340	9.999 657	0	722	
279	8.599 507	190	8.599 851	191	1.400 149	9.999 656	1	721	
		191		191			0		
.280	8.599 698		8.600 042		1.399 958	9.999 656		.720	
		190		190			0		
281	8.599 888	190	8.600 232	191	1.399 768	9.999 656	1	719	
282	8.600 078	190	8.600 423	191	1.399 577	9.999 655	1	718	
283	8.600 268	190	8.600 613	190	1.399 387	9.999 655	0	717	
		190		191			0		
284	8.600 458		8.600 804		1.399 196	9.999 655	0	716	
285	8.600 648	190	8.600 994	190	1.399 006	9.999 655	0	715	
286	8.600 838	190	8.601 184	190	1.398 816	9.999 654	1	714	
		190		190			0		
287	8.601 028		8.601 374		1.398 626	9.999 654	0	713	
288	8.601 218	190	8.601 564	190	1.398 436	9.999 654	0	712	
289	8.601 408	190	8.601 754	190	1.398 246	9.999 653	1	711	
		189		190			0		
.290	8.601 597		8.601 944		1.398 056	9.999 653		.710	
		190		190			0		
291	8.601 787	189	8.602 134	190	1.397 866	9.999 653	0	709	
292	8.601 976	189	8.602 324	190	1.397 676	9.999 652	1	708	
293	8.602 165	189	8.602 513	189	1.397 487	9.999 652	0	707	
		190		190			0		
294	8.602 355		8.602 703		1.397 297	9.999 652	0	706	
295	8.602 544	189	8.602 892	189	1.397 108	9.999 652	0	705	
296	8.602 733	189	8.603 082	190	1.396 918	9.999 651	1	704	
		189		189			0		
297	8.602 922		8.603 271		1.396 729	9.999 651	0	703	
298	8.603 111	189	8.603 460	189	1.396 540	9.999 651	0	702	
299	8.603 300	189	8.603 650	190	1.396 350	9.999 650	1	701	
		189		189			0		
.300	8.603 489		8.603 839		1.396 161	9.999 650		.700	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

	193	192
1	19.3	19.2
2	38.6	38.4
3	57.9	57.6
4	77.2	76.8
5	96.5	96.0
6	115.8	115.2
7	135.1	134.4
8	154.4	153.6
9	173.7	172.8

	191	190
1	19.1	19.0
2	38.2	38.0
3	57.3	57.0
4	76.4	76.0
5	95.5	95.0
6	114.6	114.0
7	133.7	133.0
8	152.8	152.0
9	171.9	171.0

	189
1	18.9
2	37.8
3	56.7
4	75.6
5	94.5
6	113.4
7	132.3
8	151.2
9	170.1

2°.300 — 2°.350

2°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.603 489		8.603 839		1.396 161	9.999 650		.700	
301	8.603 677	188	8.604 028	189	1.395 972	9.999 650	0	699	
302	8.603 866	189	8.604 216	188	1.395 784	9.999 649	1	698	
303	8.604 054	188	8.604 405	189	1.395 595	9.999 649	0	697	
		189		189			0		
304	8.604 243	188	8.604 594	189	1.395 406	9.999 649	1	696	
305	8.604 431	188	8.604 783	188	1.395 217	9.999 648	0	695	
306	8.604 619	188	8.604 971	188	1.395 029	9.999 648	0	694	
		189		189			0		
307	8.604 808	188	8.605 160	188	1.394 840	9.999 648	0	693	
308	8.604 996	188	8.605 348	188	1.394 652	9.999 648	0	692	
309	8.605 184	188	8.605 536	188	1.394 464	9.999 647	1	691	
		188		189			0		
.310	8.605 372	188	8.605 725	188	1.394 275	9.999 647	0	.690	
		188		188			0		
311	8.605 560	187	8.605 913	188	1.394 087	9.999 647	1	689	
312	8.605 747	188	8.606 101	188	1.393 899	9.999 646	0	688	
313	8.605 935	188	8.606 289	188	1.393 711	9.999 646	0	687	
		188		188			0		
314	8.606 123	187	8.606 477	188	1.393 523	9.999 646	1	686	
315	8.606 310	188	8.606 665	188	1.393 335	9.999 645	0	685	
316	8.606 498	187	8.606 853	187	1.393 147	9.999 645	0	684	
		187		187			0		
317	8.606 685	187	8.607 040	188	1.392 960	9.999 645	1	683	
318	8.606 872	188	8.607 228	187	1.392 772	9.999 644	0	682	
319	8.607 060	187	8.607 415	188	1.392 585	9.999 644	0	681	
		187		187			0		
.320	8.607 247	187	8.607 603	187	1.392 397	9.999 644	0	.680	
		187		187			1		
321	8.607 434	187	8.607 790	187	1.392 210	9.999 644	0	679	
322	8.607 621	187	8.607 977	188	1.392 023	9.999 643	0	678	
323	8.607 808	186	8.608 165	187	1.391 835	9.999 643	0	677	
		187		187			1		
324	8.607 994	187	8.608 352	187	1.391 648	9.999 643	0	676	
325	8.608 181	187	8.608 539	187	1.391 461	9.999 642	0	675	
326	8.608 368	186	8.608 726	187	1.391 274	9.999 642	0	674	
		186		187			0		
327	8.608 554	187	8.608 913	186	1.391 087	9.999 642	1	673	
328	8.608 741	186	8.609 099	187	1.390 901	9.999 641	0	672	
329	8.608 927	187	8.609 286	187	1.390 714	9.999 641	0	671	
		187		187			0		
.330	8.609 114	186	8.609 473	186	1.390 527	9.999 641	1	.670	
		186		187			0		
331	8.609 300	186	8.609 659	186	1.390 341	9.999 640	0	669	
332	8.609 486	186	8.609 846	186	1.390 154	9.999 640	0	668	
333	8.609 672	186	8.610 032	187	1.389 968	9.999 640	0	667	
		186		186			0		
334	8.609 858	186	8.610 219	186	1.389 781	9.999 640	1	666	
335	8.610 044	186	8.610 405	186	1.389 595	9.999 639	0	665	
336	8.610 230	186	8.610 591	186	1.389 409	9.999 639	0	664	
		185		186			0		
337	8.610 416	185	8.610 777	186	1.389 223	9.999 639	1	663	
338	8.610 601	186	8.610 963	186	1.389 037	9.999 638	0	662	
339	8.610 787	185	8.611 149	186	1.388 851	9.999 638	0	661	
		186		186			0		
.340	8.610 972	185	8.611 335	186	1.388 665	9.999 638	1	.660	
		185		185			0		
341	8.611 158	186	8.611 521	185	1.388 479	9.999 637	0	659	
342	8.611 343	186	8.611 706	185	1.388 294	9.999 637	0	658	
343	8.611 529	185	8.611 892	185	1.388 108	9.999 637	0	657	
		185		185			1		
344	8.611 714	185	8.612 077	186	1.387 923	9.999 636	0	656	
345	8.611 899	185	8.612 263	185	1.387 737	9.999 636	0	655	
346	8.612 084	185	8.612 448	185	1.387 552	9.999 636	0	654	
		185		185			0		
347	8.612 269	185	8.612 633	186	1.387 367	9.999 636	1	653	
348	8.612 454	185	8.612 819	185	1.387 181	9.999 635	0	652	
349	8.612 639	184	8.613 004	185	1.386 996	9.999 635	0	651	
		184		185			0		
.350	8.612 823		8.613 189		1.386 811	9.999 635		.650	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$2^{\circ}.350 - 2^{\circ}.400$

2°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.612 823		8.613 189		1.386 811	9.999 635		.650	
351	8.613 008	185	8.613 374	185	1.386 626	9.999 634	1	649	
352	8.613 193	185	8.613 559	185	1.386 441	9.999 634	0	648	185
353	8.613 377	184	8.613 744	185	1.386 256	9.999 634	0	647	1 18.5
		185		184			1		2 37.0
354	8.613 562	184	8.613 928	185	1.386 072	9.999 633	0	646	3 55.5
355	8.613 746	184	8.614 113	185	1.385 887	9.999 633	0	645	4 74.0
356	8.613 930	184	8.614 298	185	1.385 702	9.999 633	0	644	5 92.5
		184		184			1		6 111.0
357	8.614 114	185	8.614 482	184	1.385 518	9.999 632	0	643	7 129.5
358	8.614 299	184	8.614 666	185	1.385 334	9.999 632	0	642	8 148.0
359	8.614 483		8.614 851		1.385 149	9.999 632	1	641	9 166.5
.360	8.614 667	184	8.615 035	184	1.384 965	9.999 631	0	.640	
		183		184			0	639	184
361	8.614 850	184	8.615 219	184	1.384 781	9.999 631	0	638	
362	8.615 034	184	8.615 403	184	1.384 597	9.999 631	0	637	1 18.4
363	8.615 218	184	8.615 587	184	1.384 413	9.999 631	1		2 36.8
		184		184			0	636	3 55.2
364	8.615 402	183	8.615 771	184	1.384 229	9.999 630	0	635	4 73.6
365	8.615 585	184	8.615 955	184	1.384 045	9.999 630	0	634	5 92.0
366	8.615 769	183	8.616 139	184	1.383 861	9.999 630	1		6 110.4
		183		183			0	633	7 128.8
367	8.615 952	183	8.616 323	183	1.383 677	9.999 629	0	632	8 147.2
368	8.616 135	184	8.616 506	184	1.383 494	9.999 629	0	631	9 165.6
369	8.616 319		8.616 690		1.383 310	9.999 629	1		
.370	8.616 502	183	8.616 874	183	1.383 126	9.999 628	0	.630	
		183		183			0	629	183
371	8.616 685	183	8.617 057	183	1.382 943	9.999 628	1	628	
372	8.616 868	183	8.617 240	184	1.382 760	9.999 628	0	627	1 18.3
373	8.617 051	183	8.617 424	183	1.382 576	9.999 627	0		2 36.6
		183		183			0	626	3 54.9
374	8.617 234	183	8.617 607	183	1.382 393	9.999 627	0	625	4 73.2
375	8.617 417	182	8.617 790	183	1.382 210	9.999 627	1	624	5 91.5
376	8.617 599	183	8.617 973	183	1.382 027	9.999 626	0		6 109.8
		183		183			0	623	7 128.1
377	8.617 782	183	8.618 156	183	1.381 844	9.999 626	0	622	8 146.4
378	8.617 965	182	8.618 339	182	1.381 661	9.999 626	0	621	9 164.7
379	8.618 147		8.618 521		1.381 479	9.999 626	1		
.380	8.618 329	182	8.618 704	183	1.381 296	9.999 625	0	.620	
		183		183			0	619	182
381	8.618 512	182	8.618 887	182	1.381 113	9.999 625	1	618	
382	8.618 694	182	8.619 069	183	1.380 931	9.999 625	0	617	1 18.2
383	8.618 876	182	8.619 252	182	1.380 748	9.999 624	0		2 36.4
		182		183			0	616	3 54.6
384	8.619 058	182	8.619 434	183	1.380 566	9.999 624	0	615	4 72.8
385	8.619 240	182	8.619 617	182	1.380 383	9.999 624	1	614	5 91.0
386	8.619 422	182	8.619 799	182	1.380 201	9.999 623	0		6 109.2
		182		182			0	613	7 127.4
387	8.619 604	182	8.619 981	182	1.380 019	9.999 623	0	612	8 145.6
388	8.619 786	182	8.620 163	182	1.379 837	9.999 623	1	611	9 163.8
389	8.619 968		8.620 345		1.379 655	9.999 622	0		
.390	8.620 149	181	8.620 527	182	1.379 473	9.999 622	0	.610	
		182		182			1	609	181
391	8.620 331	181	8.620 709	182	1.379 291	9.999 622	0	608	
392	8.620 512	182	8.620 891	182	1.379 109	9.999 621	0	607	1 18.1
393	8.620 694	181	8.621 073	181	1.378 927	9.999 621	0		2 36.2
		181		182			1	606	3 54.3
394	8.620 875	181	8.621 254	182	1.378 746	9.999 621	0	605	4 72.4
395	8.621 056	182	8.621 436	181	1.378 564	9.999 620	0	604	5 90.5
396	8.621 238	181	8.621 617	182	1.378 383	9.999 620	0		6 108.6
		181		182			0	603	7 126.7
397	8.621 419	181	8.621 799	181	1.378 201	9.999 620	0	602	8 144.8
398	8.621 600	181	8.621 980	182	1.378 020	9.999 620	1	601	9 162.9
399	8.621 781		8.622 162		1.377 838	9.999 619	0		
.400	8.621 962	181	8.622 343	181	1.377 657	9.999 619		.600	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

$87^{\circ}.650 - 87^{\circ}.600$

2°.400 — 2°.450

2°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.621 962		8.622 343		1.377 657	9.999 619		.600	
401	8.622 142	180	8.622 524	181	1.377 476	9.999 619	0	599	181
402	8.622 323	181	8.622 705	181	1.377 295	9.999 618	1	598	
403	8.622 504	181	8.622 886	181	1.377 114	9.999 618	0	597	1 18.1
		180		181			0		2 36.2
404	8.622 684	181	8.623 067	181	1.376 933	9.999 618	1	596	3 54.3
405	8.622 865	180	8.623 248	180	1.376 752	9.999 617	0	595	4 72.4
406	8.623 045	181	8.623 428	181	1.376 572	9.999 617	0	594	5 90.5
		180		181			1	593	6 108.6
407	8.623 226	180	8.623 609	181	1.376 391	9.999 617	0	592	7 126.7
408	8.623 406	180	8.623 790	180	1.376 210	9.999 616	1	591	8 144.8
409	8.623 586	180	8.623 970	181	1.376 030	9.999 616	0	591	9 162.9
.410	8.623 766	180	8.624 151	180	1.375 849	9.999 616	1	.590	
		180		180			0	589	180
411	8.623 946	180	8.624 331	180	1.375 669	9.999 615	0	588	
412	8.624 126	180	8.624 511	181	1.375 489	9.999 615	1	587	1 18.0
413	8.624 306	180	8.624 692	180	1.375 308	9.999 615	0	586	2 36.0
		180		180			1	585	3 54.0
414	8.624 486	180	8.624 872	180	1.375 128	9.999 614	0	584	4 72.0
415	8.624 666	180	8.625 052	180	1.374 948	9.999 614	1	583	5 90.0
416	8.624 846	179	8.625 232	180	1.374 768	9.999 614	0	582	6 108.0
		180		180			1	581	7 126.0
417	8.625 025	180	8.625 412	180	1.374 588	9.999 613	0	581	8 144.0
418	8.625 205	179	8.625 592	179	1.374 408	9.999 613	1		9 162.0
419	8.625 384	180	8.625 771	180	1.374 229	9.999 613	0		
.420	8.625 564	179	8.625 951	180	1.374 049	9.999 613	1	.580	
		179		179			0	579	179
421	8.625 743	179	8.626 131	180	1.373 869	9.999 612	0	578	
422	8.625 922	179	8.626 310	179	1.373 690	9.999 612	1	577	1 17.9
423	8.626 101	179	8.626 490	179	1.373 510	9.999 612	0	576	2 35.8
		179		180			1	575	3 53.7
424	8.626 280	179	8.626 669	180	1.373 331	9.999 611	0	574	4 71.6
425	8.626 459	179	8.626 849	179	1.373 151	9.999 611	1	573	5 89.5
426	8.626 638	179	8.627 028	179	1.372 972	9.999 611	0	572	6 107.4
		179		179			1	571	7 125.3
427	8.626 817	179	8.627 207	179	1.372 793	9.999 610	0	571	8 143.2
428	8.626 996	179	8.627 386	179	1.372 614	9.999 610	1		9 161.1
429	8.627 175	178	8.627 565	179	1.372 435	9.999 610	0		
.430	8.627 353	179	8.627 744	179	1.372 256	9.999 609	1	.570	
		179		179			0	569	178
431	8.627 532	178	8.627 923	179	1.372 077	9.999 609	1	568	
432	8.627 711	178	8.628 102	178	1.371 898	9.999 609	0	567	1 17.8
433	8.627 889	178	8.628 281	178	1.371 719	9.999 608	1	566	2 35.6
		179		179			0	565	3 53.4
434	8.628 067	178	8.628 459	178	1.371 541	9.999 608	1	564	4 71.2
435	8.628 246	178	8.628 638	178	1.371 362	9.999 608	0	563	5 89.0
436	8.628 424	178	8.628 816	179	1.371 184	9.999 607	1	562	6 106.8
		178		178			0	561	7 124.6
437	8.628 602	178	8.628 995	178	1.371 005	9.999 607	1		8 142.4
438	8.628 780	178	8.629 173	179	1.370 827	9.999 607	0		9 160.2
439	8.628 958	177	8.629 352	178	1.370 648	9.999 606	1		
.440	8.629 136	178	8.629 530	178	1.370 470	9.999 606	0	.560	
		178		178			1	559	177
441	8.629 314	177	8.629 708	178	1.370 292	9.999 606	0	558	
442	8.629 492	177	8.629 886	178	1.370 114	9.999 605	1	557	1 17.7
443	8.629 669	178	8.630 064	178	1.369 936	9.999 605	0	556	2 35.4
		177		178			1	555	3 53.1
444	8.629 847	177	8.630 242	178	1.369 758	9.999 605	0	554	4 70.8
445	8.630 024	177	8.630 420	178	1.369 580	9.999 604	1	553	5 88.5
446	8.630 202	177	8.630 598	177	1.369 402	9.999 604	0	552	6 106.2
		178		178			1	551	7 123.9
447	8.630 379	177	8.630 775	178	1.369 225	9.999 604	0		8 141.6
448	8.630 557	177	8.630 953	178	1.369 047	9.999 603	1		9 159.3
449	8.630 734	177	8.631 131	177	1.368 869	9.999 603	0		
.450	8.630 911	177	8.631 308	177	1.368 692	9.999 603	1	.550	
		177		177			0		
	cos	d	cotg	d	tang	sin	d	87°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.450 — 2°.500

2°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.630 911		8.631 308		1.368 692	9.999 603		.550	
451	8.631 088	177	8.631 486	178	1.368 514	9.999 603	0	549	
452	8.631 265	177	8.631 663	177	1.368 337	9.999 602	1	548	178
453	8.631 442	177	8.631 840	177	1.368 160	9.999 602	0	547	1 17.8
454	8.631 619	177	8.632 018	178	1.367 982	9.999 602	0	546	2 35.6
455	8.631 796	177	8.632 195	177	1.367 805	9.999 601	1	545	3 53.4
456	8.631 973	177	8.632 372	177	1.367 628	9.999 601	0	544	4 71.2
457	8.632 149	176	8.632 549	177	1.367 451	9.999 601	0	543	5 89.0
458	8.632 326	177	8.632 726	177	1.367 274	9.999 600	1	542	6 106.8
459	8.632 503	177	8.632 903	177	1.367 097	9.999 600	0	541	7 124.6
.460	8.632 679	176	8.633 079	176	1.366 921	9.999 600	0	.540	8 142.4
461	8.632 855	176	8.633 256	177	1.366 744	9.999 599	1	539	9 160.2
462	8.633 032	177	8.633 433	177	1.366 567	9.999 599	0	538	177
463	8.633 208	176	8.633 609	176	1.366 391	9.999 599	0	537	1 17.7
464	8.633 384	176	8.633 786	177	1.366 214	9.999 598	1	536	2 35.4
465	8.633 560	176	8.633 962	176	1.366 038	9.999 598	0	535	3 53.1
466	8.633 736	176	8.634 139	177	1.365 861	9.999 598	0	534	4 70.8
467	8.633 912	176	8.634 315	176	1.365 685	9.999 597	1	533	5 88.5
468	8.634 088	176	8.634 491	176	1.365 509	9.999 597	0	532	6 106.2
469	8.634 264	176	8.634 667	176	1.365 333	9.999 597	0	531	7 123.9
.470	8.634 440	176	8.634 843	176	1.365 157	9.999 596	1	.530	8 141.6
471	8.634 615	175	8.635 019	176	1.364 981	9.999 596	0	529	9 159.3
472	8.634 791	176	8.635 195	176	1.364 805	9.999 596	0	528	176 175
473	8.634 967	176	8.635 371	176	1.364 629	9.999 595	1	527	1 17.6
474	8.635 142	175	8.635 547	176	1.364 453	9.999 595	0	526	2 35.2
475	8.635 317	175	8.635 723	176	1.364 277	9.999 595	0	525	3 52.8
476	8.635 493	176	8.635 898	175	1.364 102	9.999 594	1	524	4 70.4
477	8.635 668	175	8.636 074	176	1.363 926	9.999 594	0	523	5 88.0
478	8.635 843	175	8.636 250	176	1.363 750	9.999 594	0	522	6 105.6
479	8.636 018	175	8.636 425	175	1.363 575	9.999 593	1	521	7 123.2
.480	8.636 193	175	8.636 600	175	1.363 400	9.999 593	0	.520	8 140.8
481	8.636 368	175	8.636 776	176	1.363 224	9.999 593	0	519	9 158.4
482	8.636 543	175	8.636 951	176	1.363 049	9.999 592	1	518	174
483	8.636 718	175	8.637 126	175	1.362 874	9.999 592	0	517	1 17.4
484	8.636 893	175	8.637 301	175	1.362 699	9.999 592	0	516	2 34.8
485	8.637 068	175	8.637 476	175	1.362 524	9.999 591	1	515	3 52.2
486	8.637 242	174	8.637 651	175	1.362 349	9.999 591	0	514	4 69.6
487	8.637 417	175	8.637 826	175	1.362 174	9.999 591	0	513	5 87.0
488	8.637 591	174	8.638 001	175	1.361 999	9.999 590	0	512	6 104.4
489	8.637 766	175	8.638 176	175	1.361 824	9.999 590	1	511	7 121.8
.490	8.637 940	174	8.638 350	174	1.361 650	9.999 590	0	.510	8 139.2
491	8.638 114	174	8.638 525	175	1.361 475	9.999 589	1	509	9 156.6
492	8.638 288	174	8.638 699	174	1.361 301	9.999 589	0	508	173
493	8.638 463	175	8.638 874	175	1.361 126	9.999 589	0	507	1 17.3
494	8.638 637	174	8.639 048	174	1.360 952	9.999 588	1	506	2 34.6
495	8.638 811	174	8.639 223	175	1.360 777	9.999 588	0	505	3 51.9
496	8.638 985	174	8.639 397	174	1.360 603	9.999 588	0	504	4 69.2
497	8.639 158	173	8.639 571	174	1.360 429	9.999 587	1	503	5 86.5
498	8.639 332	174	8.639 745	174	1.360 255	9.999 587	0	502	6 103.8
499	8.639 506	174	8.639 919	174	1.360 081	9.999 587	0	501	7 121.1
.500	8.639 680	174	8.640 093	174	1.359 907	9.999 586	1	.500	8 138.4
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.550 — 87°.500

2°.500 — 2°.550

2°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.639 680		8.640 093		1.359 907	9.999 586		.500	
501	8.639 853	173	8.640 267	174	1.359 733	9.999 586	0	499	
502	8.640 027	174	8.640 441	174	1.359 559	9.999 586	0	498	174
503	8.640 200	173	8.640 615	174	1.359 385	9.999 585	1	497	1 17.4
		173		173			0		2 34.8
504	8.640 373	174	8.640 788	174	1.359 212	9.999 585	0	496	3 52.2
505	8.640 547	173	8.640 962	173	1.359 038	9.999 585	0	495	4 69.6
506	8.640 720	173	8.641 135	173	1.358 865	9.999 584	1	494	5 87.0
		173		174			0		6 104.4
507	8.640 893	173	8.641 309	173	1.358 691	9.999 584	0	493	7 121.8
508	8.641 066	173	8.641 482	173	1.358 518	9.999 584	1	492	8 139.2
509	8.641 239	173	8.641 656	174	1.358 344	9.999 583	0	491	9 156.6
		173		173			0		
.510	8.641 412	173	8.641 829	173	1.358 171	9.999 583	0	.490	
		173		173			1	489	
511	8.641 585	173	8.642 002	173	1.357 998	9.999 583	0	488	173
512	8.641 758	173	8.642 175	173	1.357 825	9.999 582	0	487	1 17.3
513	8.641 931	172	8.642 348	173	1.357 652	9.999 582	0	486	2 34.6
		172		173			1	485	3 51.9
514	8.642 103	173	8.642 521	173	1.357 479	9.999 582	0	484	4 69.2
515	8.642 276	172	8.642 694	173	1.357 306	9.999 581	0	483	5 86.5
516	8.642 448	173	8.642 867	173	1.357 133	9.999 581	0	482	6 103.8
		173		173			1	481	7 121.1
517	8.642 621	172	8.643 040	173	1.356 960	9.999 580	0	480	8 138.4
518	8.642 793	172	8.643 213	172	1.356 787	9.999 580	0	479	9 155.7
519	8.642 966	172	8.643 385	173	1.356 615	9.999 580	1	478	
		172		173			0	477	172
.520	8.643 138	172	8.643 558	173	1.356 442	9.999 579	0	476	
		172		172			1	475	
521	8.643 310	172	8.643 731	172	1.356 269	9.999 579	0	474	1 17.2
522	8.643 482	172	8.643 903	172	1.356 097	9.999 579	0	473	2 34.4
523	8.643 654	172	8.644 075	173	1.355 925	9.999 579	1	472	3 51.6
		172		172			0	471	4 68.8
524	8.643 826	172	8.644 248	172	1.355 752	9.999 578	0	470	5 86.0
525	8.643 998	172	8.644 420	172	1.355 580	9.999 578	1	469	6 103.2
526	8.644 170	172	8.644 592	172	1.355 408	9.999 578	0	468	7 120.4
		172		172			1	467	8 137.6
527	8.644 342	172	8.644 764	172	1.355 236	9.999 577	0	466	9 154.8
528	8.644 514	171	8.644 936	172	1.355 064	9.999 577	1	465	
529	8.644 685	171	8.645 108	172	1.354 892	9.999 577	0	464	171
		172		172			0	463	
.530	8.644 857	171	8.645 280	172	1.354 720	9.999 576	1	462	
		172		172			0	461	
531	8.645 028	172	8.645 452	172	1.354 548	9.999 576	0	460	170
532	8.645 200	171	8.645 624	172	1.354 376	9.999 576	1	459	
533	8.645 371	171	8.645 796	171	1.354 204	9.999 575	0	458	1 17.1
		171		172			1	457	2 34.2
534	8.645 542	172	8.645 967	172	1.354 033	9.999 575	0	456	3 51.3
535	8.645 714	171	8.646 139	171	1.353 861	9.999 575	0	455	4 68.4
536	8.645 885	171	8.646 310	172	1.353 690	9.999 574	1	454	5 85.5
		171		171			0	453	6 102.6
537	8.646 056	171	8.646 482	171	1.353 518	9.999 574	0	452	7 119.7
538	8.646 227	171	8.646 653	171	1.353 347	9.999 574	1	451	8 136.8
539	8.646 398	171	8.646 824	172	1.353 176	9.999 573	0	450	9 153.9
		171		171			0	449	
.540	8.646 569	170	8.646 996	171	1.353 004	9.999 573	1	.460	
		171		171			0	448	
541	8.646 740	171	8.647 167	171	1.352 833	9.999 573	0	447	170
542	8.646 910	171	8.647 338	171	1.352 662	9.999 572	1	446	
543	8.647 081	171	8.647 509	171	1.352 491	9.999 572	0	445	1 17.0
		171		171			0	444	2 34.0
544	8.647 252	170	8.647 680	171	1.352 320	9.999 572	0	443	3 51.0
545	8.647 422	171	8.647 851	171	1.352 149	9.999 571	1	442	4 68.0
546	8.647 593	170	8.648 022	171	1.351 978	9.999 571	0	441	5 85.0
		170		171			0	440	6 102.0
547	8.647 763	171	8.648 193	170	1.351 807	9.999 571	1	439	7 119.0
548	8.647 934	170	8.648 363	171	1.351 637	9.999 570	0	438	8 136.0
549	8.648 104	170	8.648 534	171	1.351 466	9.999 570	0	437	9 153.0
		170		170			0	436	
.550	8.648 274		8.648 704		1.351 296	9.999 570		.450	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.550 — 2°.600

2°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.648 274		8.648 704		1.351 296	9.999 570		.450	
551	8.648 444	170	8.648 875	171	1.351 125	9.999 569	1	449	
552	8.648 614	170	8.649 045	170	1.350 955	9.999 569	0	448	171
553	8.648 784	170	8.649 216	171	1.350 784	9.999 569	0	447	1 17.1
		170		170			1		2 34.2
554	8.648 954	170	8.649 386	170	1.350 614	9.999 568	0	446	3 51.3
555	8.649 124	170	8.649 556	170	1.350 444	9.999 568	0	445	4 68.4
556	8.649 294	170	8.649 726	170	1.350 274	9.999 568	0	444	5 85.5
		170		171			1		6 102.6
557	8.649 464	170	8.649 897	170	1.350 103	9.999 567	0	443	7 119.7
558	8.649 634	169	8.650 067	170	1.349 933	9.999 567	0	442	8 136.8
559	8.649 803	169	8.650 237	170	1.349 763	9.999 567	0	441	9 153.9
		170		169			1		
.560	8.649 973	169	8.650 406	170	1.349 594	9.999 566	0	.440	
561	8.650 142	170	8.650 576	170	1.349 424	9.999 566	0	439	170
562	8.650 312	169	8.650 746	170	1.349 254	9.999 566	1	438	
563	8.650 481	169	8.650 916	170	1.349 084	9.999 565	0	437	1 17.0
		169		169			0		2 34.0
564	8.650 650	170	8.651 085	170	1.348 915	9.999 565	0	436	3 51.0
565	8.650 820	169	8.651 255	170	1.348 745	9.999 565	1	435	4 68.0
566	8.650 989	169	8.651 425	170	1.348 575	9.999 564	0	434	5 85.0
		169		169			0		6 102.0
567	8.651 158	169	8.651 594	169	1.348 406	9.999 564	0	433	7 119.0
568	8.651 327	169	8.651 763	169	1.348 237	9.999 564	1	432	8 136.0
569	8.651 496	169	8.651 933	170	1.348 067	9.999 563	1	431	9 153.0
		169		169			0		
.570	8.651 665	169	8.652 102	169	1.347 898	9.999 563	0	.430	
571	8.651 834	168	8.652 271	169	1.347 729	9.999 563	1	429	169
572	8.652 002	169	8.652 440	169	1.347 560	9.999 562	0	428	
573	8.652 171	169	8.652 609	169	1.347 391	9.999 562	0	427	1 16.9
		169		169			0		2 33.8
574	8.652 340	168	8.652 778	169	1.347 222	9.999 562	1	426	3 50.7
575	8.652 508	169	8.652 947	169	1.347 053	9.999 561	0	425	4 67.6
576	8.652 677	168	8.653 116	169	1.346 884	9.999 561	0	424	5 84.5
		168		169			0		6 101.4
577	8.652 845	169	8.653 285	168	1.346 715	9.999 561	1	423	7 118.3
578	8.653 014	168	8.653 453	169	1.346 547	9.999 560	0	422	8 135.2
579	8.653 182	168	8.653 622	169	1.346 378	9.999 560	0	421	9 152.1
		168		169			0		
.580	8.653 350	168	8.653 791	168	1.346 209	9.999 560	1	.420	
581	8.653 518	169	8.653 959	169	1.346 041	9.999 559	0	419	168
582	8.653 687	168	8.654 128	168	1.345 872	9.999 559	0	418	
583	8.653 855	168	8.654 296	168	1.345 704	9.999 559	1	417	1 16.8
		168		168			0		2 33.6
584	8.654 023	168	8.654 464	169	1.345 536	9.999 558	1	416	3 50.4
585	8.654 191	167	8.654 633	168	1.345 367	9.999 558	0	415	4 67.2
586	8.654 358	168	8.654 801	168	1.345 199	9.999 557	1	414	5 84.0
		168		168			0		6 100.8
587	8.654 526	168	8.654 969	168	1.345 031	9.999 557	0	413	7 117.6
588	8.654 694	168	8.655 137	168	1.344 863	9.999 557	1	412	8 134.4
589	8.654 862	167	8.655 305	168	1.344 695	9.999 556	0	411	9 151.2
		168		168			0		
.590	8.655 029	168	8.655 473	168	1.344 527	9.999 556	0	.410	
591	8.655 197	167	8.655 641	168	1.344 359	9.999 556	1	409	167
592	8.655 364	168	8.655 809	168	1.344 191	9.999 555	0	408	
593	8.655 532	167	8.655 977	167	1.344 023	9.999 555	0	407	1 16.7
		167		168			0		2 33.4
594	8.655 699	167	8.656 144	168	1.343 856	9.999 555	1	406	3 50.1
595	8.655 866	167	8.656 312	167	1.343 688	9.999 554	0	405	4 66.8
596	8.656 033	168	8.656 479	168	1.343 521	9.999 554	0	404	5 83.5
		168		168			0		6 100.2
597	8.656 201	167	8.656 647	167	1.343 353	9.999 554	1	403	7 116.9
598	8.656 368	167	8.656 814	168	1.343 186	9.999 553	0	402	8 133.6
599	8.656 535	167	8.656 982	167	1.343 018	9.999 553	0	401	9 150.3
		167		167			0		
.600	8.656 702		8.657 149		1.342 851	9.999 553		.400	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.450 — 87°.400

2°.600 — 2°.650

2°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.656 702		8.657 149		1.342 851	9.999 553		.400	
601	8.656 869	167	8.657 316	167	1.342 684	9.999 552	1	399	
602	8.657 035	166	8.657 483	167	1.342 517	9.999 552	0	398	
603	8.657 202	167	8.657 650	167	1.342 350	9.999 552	0	397	
604	8.657 369	167	8.657 818	168	1.342 182	9.999 551	1	396	
605	8.657 535	166	8.657 984	166	1.342 016	9.999 551	0	395	
606	8.657 702	167	8.658 151	167	1.341 849	9.999 551	0	394	
607	8.657 869	167	8.658 318	167	1.341 682	9.999 550	1	393	
608	8.658 035	166	8.658 485	167	1.341 515	9.999 550	0	392	
609	8.658 201	166	8.658 652	167	1.341 348	9.999 550	0	391	
.610	8.658 368	167	8.658 818	166	1.341 182	9.999 549	1	.390	
611	8.658 534	166	8.658 985	167	1.341 015	9.999 549	0	389	
612	8.658 700	166	8.659 152	167	1.340 848	9.999 549	0	388	
613	8.658 866	166	8.659 318	166	1.340 682	9.999 548	1	387	
614	8.659 032	166	8.659 484	166	1.340 516	9.999 548	0	386	
615	8.659 198	166	8.659 651	167	1.340 349	9.999 548	0	385	
616	8.659 364	166	8.659 817	166	1.340 183	9.999 547	1	384	
617	8.659 530	166	8.659 983	166	1.340 017	9.999 547	0	383	
618	8.659 696	166	8.660 149	166	1.339 851	9.999 546	1	382	
619	8.659 862	166	8.660 315	166	1.339 685	9.999 546	0	381	
.620	8.660 027	165	8.660 482	167	1.339 518	9.999 546	0	.380	
621	8.660 193	166	8.660 647	165	1.339 353	9.999 545	1	379	
622	8.660 358	165	8.660 813	166	1.339 187	9.999 545	0	378	
623	8.660 524	166	8.660 979	166	1.339 021	9.999 545	0	377	
624	8.660 689	165	8.661 145	166	1.338 855	9.999 544	1	376	
625	8.660 855	166	8.661 311	166	1.338 689	9.999 544	0	375	
626	8.661 020	165	8.661 476	165	1.338 524	9.999 544	0	374	
627	8.661 185	165	8.661 642	166	1.338 358	9.999 543	1	373	
628	8.661 350	165	8.661 807	165	1.338 193	9.999 543	0	372	
629	8.661 516	166	8.661 973	166	1.338 027	9.999 543	0	371	
.630	8.661 681	165	8.662 138	165	1.337 862	9.999 542	1	.370	
631	8.661 846	165	8.662 304	166	1.337 696	9.999 542	0	369	
632	8.662 010	164	8.662 469	165	1.337 531	9.999 542	0	368	
633	8.662 175	165	8.662 634	165	1.337 366	9.999 541	1	367	
634	8.662 340	165	8.662 799	165	1.337 201	9.999 541	0	366	
635	8.662 505	165	8.662 964	165	1.337 036	9.999 541	0	365	
636	8.662 670	165	8.663 129	165	1.336 871	9.999 540	1	364	
637	8.662 834	164	8.663 294	165	1.336 706	9.999 540	0	363	
638	8.662 999	165	8.663 459	165	1.336 541	9.999 540	0	362	
639	8.663 163	164	8.663 624	165	1.336 376	9.999 539	1	361	
.640	8.663 328	163	8.663 789	165	1.336 211	9.999 539	0	.360	
641	8.663 492	164	8.663 953	164	1.336 047	9.999 538	1	359	
642	8.663 656	164	8.664 118	165	1.335 882	9.999 538	0	358	
643	8.663 820	164	8.664 283	165	1.335 717	9.999 538	0	357	
644	8.663 985	165	8.664 447	164	1.335 553	9.999 537	1	356	
645	8.664 149	164	8.664 612	165	1.335 388	9.999 537	0	355	
646	8.664 313	164	8.664 776	164	1.335 224	9.999 537	0	354	
647	8.664 477	164	8.664 940	164	1.335 060	9.999 536	1	353	
648	8.664 641	164	8.665 105	165	1.334 895	9.999 536	0	352	
649	8.664 805	164	8.665 269	164	1.334 731	9.999 536	0	351	
.650	8.664 968	163	8.665 433	164	1.334 567	9.999 535	1	.350	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

2°.650 — 2°.700

2°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.664 968		8.665 433		1.334 567	9.999 535		.350	
651	8.665 132	164	8.665 597	164	1.334 403	9.999 535	0	349	
652	8.665 296	164	8.665 761	164	1.334 239	9.999 535	0	348	164
653	8.665 459	163	8.665 925	164	1.334 075	9.999 534	1	347	1 16.4
		164		164			0		2 32.8
654	8.665 623	163	8.666 089	164	1.333 911	9.999 534	0	346	3 49.2
655	8.665 786	164	8.666 253	164	1.333 747	9.999 534	1	345	4 65.6
656	8.665 950	163	8.666 417	163	1.333 583	9.999 533	0	344	5 82.0
		163		163			0		6 98.4
657	8.666 113	164	8.666 580	164	1.333 420	9.999 533	0	343	7 114.8
658	8.666 277	163	8.666 744	164	1.333 256	9.999 533	1	342	8 131.2
659	8.666 440	163	8.666 908	163	1.333 092	9.999 532	0	341	9 147.6
.660	8.666 603	163	8.667 071	163	1.332 929	9.999 532	1	.340	
		163		164			0		163
661	8.666 766	163	8.667 235	163	1.332 765	9.999 531	0	339	
662	8.666 929	163	8.667 398	163	1.332 602	9.999 531	0	338	
663	8.667 092	163	8.667 561	163	1.332 439	9.999 531	1	337	1 16.3
		163		164			0		2 32.6
664	8.667 255	163	8.667 725	163	1.332 275	9.999 530	0	336	3 48.9
665	8.667 418	163	8.667 888	163	1.332 112	9.999 530	0	335	4 65.2
666	8.667 581	163	8.668 051	163	1.331 949	9.999 530	1	334	5 81.5
		163		163			0		6 97.8
667	8.667 744	162	8.668 214	163	1.331 786	9.999 529	0	333	7 114.1
668	8.667 906	163	8.668 377	163	1.331 623	9.999 529	0	332	8 130.4
669	8.668 069	162	8.668 540	163	1.331 460	9.999 529	1	331	9 146.7
.670	8.668 231	163	8.668 703	163	1.331 297	9.999 528	0	.330	
		162		163			0		162
671	8.668 394	162	8.668 866	163	1.331 134	9.999 528	1	329	
672	8.668 556	163	8.669 029	163	1.330 971	9.999 528	0	328	
673	8.668 719	162	8.669 192	162	1.330 808	9.999 527	1	327	1 16.2
		162		163			0		2 32.4
674	8.668 881	162	8.669 354	163	1.330 646	9.999 527	0	326	3 48.6
675	8.669 043	163	8.669 517	162	1.330 483	9.999 527	1	325	4 64.8
676	8.669 206	162	8.669 679	163	1.330 321	9.999 526	0	324	5 81.0
		162		162			1		6 97.2
677	8.669 368	162	8.669 842	162	1.330 158	9.999 526	0	323	7 113.4
678	8.669 530	162	8.670 004	163	1.329 996	9.999 525	1	322	8 129.6
679	8.669 692	162	8.670 167	162	1.329 833	9.999 525	0	321	9 145.8
.680	8.669 854	162	8.670 329	162	1.329 671	9.999 525	1	.320	
		162		163			0		161
681	8.670 016	161	8.670 491	162	1.329 509	9.999 524	0	319	
682	8.670 178	161	8.670 654	162	1.329 346	9.999 524	1	318	
683	8.670 339	162	8.670 816	162	1.329 184	9.999 524	0	317	1 16.1
		162		162			1		2 32.2
684	8.670 501	162	8.670 978	162	1.329 022	9.999 523	0	316	3 48.3
685	8.670 663	161	8.671 140	162	1.328 860	9.999 523	0	315	4 64.4
686	8.670 824	162	8.671 302	162	1.328 698	9.999 523	1	314	5 80.5
		161		161			0		6 96.6
687	8.670 986	161	8.671 464	161	1.328 536	9.999 522	1	313	7 112.7
688	8.671 147	162	8.671 625	162	1.328 375	9.999 522	0	312	8 128.8
689	8.671 309	161	8.671 787	162	1.328 213	9.999 522	1	311	9 144.9
.690	8.671 470	161	8.671 949	162	1.328 051	9.999 521	0	.310	
		162		161			1		160
691	8.671 631	161	8.672 111	162	1.327 889	9.999 521	0	309	
692	8.671 793	161	8.672 272	161	1.327 728	9.999 520	1	308	
693	8.671 954	161	8.672 434	161	1.327 566	9.999 520	0	307	1 16.0
		161		161			0		2 32.0
694	8.672 115	161	8.672 595	162	1.327 405	9.999 520	1	306	3 48.0
695	8.672 276	161	8.672 757	161	1.327 243	9.999 519	0	305	4 64.0
696	8.672 437	161	8.672 918	161	1.327 082	9.999 519	1	304	5 80.0
		161		161			0		6 96.0
697	8.672 598	161	8.673 079	161	1.326 921	9.999 519	1	303	7 112.0
698	8.672 759	161	8.673 240	162	1.326 760	9.999 518	0	302	8 128.0
699	8.672 920	160	8.673 402	161	1.326 598	9.999 518	1	301	9 144.0
.700	8.673 080		8.673 563		1.326 437	9.999 518		.300	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

2°.700 — 2°.750

2°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.673 080		8.673 563		1.326 437	9.999 518		.300	
701	8.673 241	161	8.673 724	161	1.326 276	9.999 517	1	299	
702	8.673 402	161	8.673 885	161	1.326 115	9.999 517	0	298	161
703	8.673 562	160	8.674 046	161	1.325 954	9.999 517	0	297	1 16.1
		161		161			1		2 32.2
704	8.673 723	160	8.674 207	160	1.325 793	9.999 516	0	296	3 48.3
705	8.673 883	161	8.674 367	161	1.325 633	9.999 516	1	295	4 64.4
706	8.674 044	160	8.674 528	161	1.325 472	9.999 515	0	294	5 80.5
		160		161			0		6 96.6
707	8.674 204	160	8.674 689	161	1.325 311	9.999 515	0	293	7 112.7
708	8.674 364	161	8.674 850	160	1.325 150	9.999 515	1	292	8 128.8
709	8.674 525	160	8.675 010	161	1.324 990	9.999 514	0	291	9 144.9
.710	8.674 685	160	8.675 171	160	1.324 829	9.999 514	0	.290	
		160		161			1		160
711	8.674 845	160	8.675 331	161	1.324 669	9.999 514	0	289	
712	8.675 005	160	8.675 492	160	1.324 508	9.999 513	0	288	1 16.0
713	8.675 165	160	8.675 652	160	1.324 348	9.999 513	0	287	2 32.0
		160		160			0		3 48.0
714	8.675 325	160	8.675 812	160	1.324 188	9.999 513	1	286	4 64.0
715	8.675 485	160	8.675 972	161	1.324 028	9.999 512	0	285	5 80.0
716	8.675 644	159	8.676 133	160	1.323 867	9.999 512	0	284	6 96.0
		160		160			1		7 112.0
717	8.675 804	160	8.676 293	160	1.323 707	9.999 512	0	283	8 128.0
718	8.675 964	160	8.676 453	160	1.323 547	9.999 511	0	282	9 144.0
719	8.676 124	159	8.676 613	160	1.323 387	9.999 511	1	281	
.720	8.676 283	160	8.676 773	160	1.323 227	9.999 510	0	.280	
		159		159			0		159
721	8.676 443	159	8.676 933	160	1.323 067	9.999 510	1	279	
722	8.676 602	160	8.677 092	160	1.322 908	9.999 510	0	278	1 15.9
723	8.676 762	159	8.677 252	160	1.322 748	9.999 509	0	277	2 31.8
		159		160			0		3 47.7
724	8.676 921	159	8.677 412	160	1.322 588	9.999 509	1	276	4 63.6
725	8.677 080	159	8.677 572	159	1.322 428	9.999 509	0	275	5 79.5
726	8.677 239	159	8.677 731	160	1.322 269	9.999 508	0	274	6 95.4
		160		160			1		7 111.3
727	8.677 399	159	8.677 891	159	1.322 109	9.999 508	0	273	8 127.2
728	8.677 558	159	8.678 050	159	1.321 950	9.999 508	1	272	9 143.1
729	8.677 717	159	8.678 209	160	1.321 791	9.999 507	0	271	
.730	8.677 876	158	8.678 369	159	1.321 631	9.999 507	1	.270	
		158		159			0		158
731	8.678 035	158	8.678 528	160	1.321 472	9.999 506	0	269	
732	8.678 193	159	8.678 687	159	1.321 313	9.999 506	0	268	1 15.8
733	8.678 352	159	8.678 847	159	1.321 153	9.999 506	1	267	2 31.6
		159		159			0		3 47.4
734	8.678 511	158	8.679 006	159	1.320 994	9.999 505	1	266	4 63.2
735	8.678 670	158	8.679 165	159	1.320 835	9.999 505	0	265	5 79.0
736	8.678 828	158	8.679 324	159	1.320 676	9.999 505	1	264	6 94.8
		159		159			0		7 110.6
737	8.678 987	158	8.679 483	158	1.320 517	9.999 504	1	263	8 126.4
738	8.679 146	158	8.679 642	158	1.320 358	9.999 504	0	262	9 142.2
739	8.679 304	158	8.679 800	159	1.320 200	9.999 504	1	261	
.740	8.679 462	158	8.679 959	159	1.320 041	9.999 503	0	.260	
		158		159			1		157
741	8.679 621	158	8.680 118	158	1.319 882	9.999 503	0	259	
742	8.679 779	158	8.680 277	158	1.319 723	9.999 502	0	258	1 15.7
743	8.679 937	158	8.680 435	159	1.319 565	9.999 502	0	257	2 31.4
		158		159			0		3 47.1
744	8.680 095	158	8.680 594	158	1.319 406	9.999 502	1	256	4 62.8
745	8.680 254	158	8.680 752	159	1.319 248	9.999 501	0	255	5 78.5
746	8.680 412	158	8.680 911	158	1.319 089	9.999 501	0	254	6 94.2
		158		158			1		7 109.9
747	8.680 570	157	8.681 069	158	1.318 931	9.999 501	0	253	8 125.6
748	8.680 728	157	8.681 227	159	1.318 773	9.999 500	1	252	9 141.3
749	8.680 885	158	8.681 386	158	1.318 614	9.999 500	0	251	
.750	8.681 043	158	8.681 544	158	1.318 456	9.999 500	0	.250	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

2°.750 — 2°.800

2°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.681 043		8.681 544		1.318 456	9.999 500		.250	
751	8.681 201	158	8.681 702	158	1.318 298	9.999 499	1	249	
752	8.681 359	158	8.681 860	158	1.318 140	9.999 499	0	248	
753	8.681 516	157	8.682 018	158	1.317 982	9.999 498	1	247	
		158		158			0		158
754	8.681 674	158	8.682 176	158	1.317 824	9.999 498	0	246	
755	8.681 832	158	8.682 334	158	1.317 666	9.999 498	0	245	1 15.8
756	8.681 989	157	8.682 492	158	1.317 508	9.999 497	1	244	2 31.6
		158		158			0		3 47.4
757	8.682 147	157	8.682 650	157	1.317 350	9.999 497	0	243	4 63.2
758	8.682 304	157	8.682 807	157	1.317 193	9.999 497	0	242	5 79.0
759	8.682 461	157	8.682 965	158	1.317 035	9.999 496	1	241	6 94.8
		157		158			0		7 110.6
.760	8.682 618	158	8.683 123	157	1.316 877	9.999 496	0	.240	8 126.4
		157		158			1		9 142.2
761	8.682 776	157	8.683 280	158	1.316 720	9.999 496	0	239	
762	8.682 933	157	8.683 438	157	1.316 562	9.999 495	1	238	
763	8.683 090	157	8.683 595	157	1.316 405	9.999 495	0	237	
		157		157			1		157
764	8.683 247	157	8.683 752	158	1.316 248	9.999 494	0	236	
765	8.683 404	157	8.683 910	157	1.316 090	9.999 494	0	235	
766	8.683 561	157	8.684 067	157	1.315 933	9.999 494	0	234	
		157		157			1		1 15.7
767	8.683 718	157	8.684 224	158	1.315 776	9.999 493	0	233	2 31.4
768	8.683 875	157	8.684 382	157	1.315 618	9.999 493	0	232	3 47.1
769	8.684 031	156	8.684 539	157	1.315 461	9.999 493	0	231	4 62.8
		157		157			1		5 78.5
.770	8.684 188	157	8.684 696	157	1.315 304	9.999 492	0	.230	6 94.2
		156		157			0		7 109.9
771	8.684 345	156	8.684 853	157	1.315 147	9.999 492	0	229	8 125.6
772	8.684 501	157	8.685 010	157	1.314 990	9.999 492	1	228	9 141.3
773	8.684 658	156	8.685 167	156	1.314 833	9.999 491	0	227	
		157		157			1		
774	8.684 814	157	8.685 323	157	1.314 677	9.999 491	0	226	
775	8.684 971	156	8.685 480	157	1.314 520	9.999 490	1	225	
776	8.685 127	156	8.685 637	157	1.314 363	9.999 490	0	224	
		156		157			0		
777	8.685 283	156	8.685 794	156	1.314 206	9.999 490	1	223	156
778	8.685 439	157	8.685 950	157	1.314 050	9.999 489	0	222	
779	8.685 596	156	8.686 107	156	1.313 893	9.999 489	0	221	1 15.6
		156		156			0		2 31.2
.780	8.685 752	156	8.686 263	157	1.313 737	9.999 489	1	.220	3 46.8
		156		156			0		4 62.4
781	8.685 908	156	8.686 420	156	1.313 580	9.999 488	1	219	5 78.0
782	8.686 064	156	8.686 576	156	1.313 424	9.999 488	0	218	6 93.6
783	8.686 220	156	8.686 732	157	1.313 268	9.999 487	1	217	7 109.2
		156		156			0		8 124.8
784	8.686 376	155	8.686 889	156	1.313 111	9.999 487	1	216	9 140.4
785	8.686 532	155	8.687 045	156	1.312 955	9.999 487	0	215	
786	8.686 687	156	8.687 201	156	1.312 799	9.999 486	1	214	
		156		156			0		
787	8.686 843	156	8.687 357	156	1.312 643	9.999 486	0	213	
788	8.686 999	155	8.687 513	156	1.312 487	9.999 486	1	212	
789	8.687 154	156	8.687 669	156	1.312 331	9.999 485	0	211	
		155		156			0		155
.790	8.687 310	155	8.687 825	156	1.312 175	9.999 485	1	.210	1 15.5
		156		156			0		2 31.0
791	8.687 465	156	8.687 981	156	1.312 019	9.999 485	1	209	3 46.5
792	8.687 621	155	8.688 137	155	1.311 863	9.999 484	0	208	4 62.0
793	8.687 776	156	8.688 292	156	1.311 708	9.999 484	1	207	5 77.5
		155		156			0		6 93.0
794	8.687 932	155	8.688 448	156	1.311 552	9.999 483	1	206	7 108.5
795	8.688 087	155	8.688 604	155	1.311 396	9.999 483	0	205	8 124.0
796	8.688 242	155	8.688 759	155	1.311 241	9.999 483	0	204	9 139.5
		155		156			1		
797	8.688 397	155	8.688 915	156	1.311 085	9.999 482	0	203	
798	8.688 552	156	8.689 071	155	1.310 929	9.999 482	0	202	
799	8.688 708	155	8.689 226	155	1.310 774	9.999 482	1	201	
		155		155			0		
.800	8.688 863	155	8.689 381	155	1.310 619	9.999 481	1	.200	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

2°.800 — 2°.850

2°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.688 863		8.689 381		1.310 619	9.999 481		.200	
801	8.689 017	154	8.689 537	156	1.310 463	9.999 481	0	199	
802	8.689 172	155	8.689 692	155	1.310 308	9.999 480	1	198	156
803	8.689 327	155	8.689 847	155	1.310 153	9.999 480	0	197	1 15.6
804	8.689 482	155	8.690 002	155	1.309 998	9.999 480	0	196	2 31.2
805	8.689 637	155	8.690 157	155	1.309 843	9.999 479	1	195	3 46.8
806	8.689 791	154	8.690 312	155	1.309 688	9.999 479	0	194	4 62.4
807	8.689 946	155	8.690 467	155	1.309 533	9.999 479	0	193	5 78.0
808	8.690 101	155	8.690 622	155	1.309 378	9.999 478	1	192	6 93.6
809	8.690 255	154	8.690 777	155	1.309 223	9.999 478	0	191	7 109.2
.810	8.690 410	155	8.690 932	155	1.309 068	9.999 477	1	.190	8 124.8
811	8.690 564	154	8.691 087	155	1.308 913	9.999 477	0	189	9 140.4
812	8.690 718	154	8.691 242	155	1.308 758	9.999 477	0	188	
813	8.690 873	155	8.691 396	154	1.308 604	9.999 476	1	187	155
814	8.691 027	154	8.691 551	155	1.308 449	9.999 476	0	186	1 15.5
815	8.691 181	154	8.691 705	154	1.308 295	9.999 476	0	185	2 31.0
816	8.691 335	154	8.691 860	155	1.308 140	9.999 475	1	184	3 46.5
817	8.691 489	154	8.692 014	154	1.307 986	9.999 475	0	183	4 62.0
818	8.691 643	154	8.692 169	155	1.307 831	9.999 475	1	182	5 77.5
819	8.691 797	154	8.692 323	154	1.307 677	9.999 474	0	181	6 93.0
.820	8.691 951	154	8.692 477	154	1.307 523	9.999 474	1	.180	7 108.5
821	8.692 105	154	8.692 632	155	1.307 368	9.999 473	0	179	8 124.0
822	8.692 259	154	8.692 786	154	1.307 214	9.999 473	1	178	9 139.5
823	8.692 413	154	8.692 940	154	1.307 060	9.999 473	0	177	
824	8.692 566	153	8.693 094	154	1.306 906	9.999 472	1	176	154
825	8.692 720	154	8.693 248	154	1.306 752	9.999 472	0	175	1 15.4
826	8.692 873	153	8.693 402	154	1.306 598	9.999 472	1	174	2 30.8
827	8.693 027	154	8.693 556	154	1.306 444	9.999 471	0	173	3 46.2
828	8.693 180	153	8.693 710	154	1.306 290	9.999 471	1	172	4 61.6
829	8.693 334	154	8.693 863	153	1.306 137	9.999 470	0	171	5 77.0
.830	8.693 487	153	8.694 017	154	1.305 983	9.999 470	1	.170	6 92.4
831	8.693 641	154	8.694 171	154	1.305 829	9.999 470	0	169	7 107.8
832	8.693 794	153	8.694 324	153	1.305 676	9.999 469	1	168	8 123.2
833	8.693 947	153	8.694 478	154	1.305 522	9.999 469	0	167	9 138.6
834	8.694 100	153	8.694 632	154	1.305 368	9.999 469	1	166	
835	8.694 253	153	8.694 785	153	1.305 215	9.999 468	0	165	153
836	8.694 406	153	8.694 938	153	1.305 062	9.999 468	1	164	1 15.3
837	8.694 559	153	8.695 092	154	1.304 908	9.999 467	0	163	2 30.6
838	8.694 712	153	8.695 245	153	1.304 755	9.999 467	1	162	3 45.9
839	8.694 865	153	8.695 398	153	1.304 602	9.999 467	0	161	4 61.2
.840	8.695 018	153	8.695 552	154	1.304 448	9.999 466	1	.160	5 76.5
841	8.695 171	153	8.695 705	153	1.304 295	9.999 466	0	159	6 91.8
842	8.695 323	152	8.695 858	153	1.304 142	9.999 466	1	158	7 107.1
843	8.695 476	153	8.696 011	153	1.303 989	9.999 465	0	157	8 122.4
844	8.695 629	153	8.696 164	153	1.303 836	9.999 465	1	156	9 137.7
845	8.695 781	152	8.696 317	153	1.303 683	9.999 464	0	155	
846	8.695 934	153	8.696 470	153	1.303 530	9.999 464	1	154	152
847	8.696 086	152	8.696 622	152	1.303 378	9.999 464	0	153	1 15.2
848	8.696 238	152	8.696 775	153	1.303 225	9.999 463	1	152	2 30.4
849	8.696 391	153	8.696 928	153	1.303 072	9.999 463	0	151	3 45.6
.850	8.696 543	152	8.697 081	153	1.302 919	9.999 463	1	.150	4 60.8
	cos	d	cotg	d	tang	sin	d	87°	5 76.0
									6 91.2
									7 106.4
									8 121.6
									9 136.8
									P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.850 — 2°.900

2°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.696 543		8.697 081		1.302 919	9.999 463		.150	
851	8.696 695	152	8.697 233	152	1.302 767	9.999 462	1	149	
852	8.696 848	153	8.697 386	153	1.302 614	9.999 462	0	148	153
853	8.697 000	152	8.697 538	152	1.302 462	9.999 461	1	147	1 15.3
		152		153			0		2 30.6
854	8.697 152	152	8.697 691	152	1.302 309	9.999 461	0	146	3 45.9
855	8.697 304	152	8.697 843	152	1.302 157	9.999 461	0	145	4 61.2
856	8.697 456	152	8.697 995	152	1.302 005	9.999 460	1	144	5 76.5
		152		153			0		6 91.8
857	8.697 608	151	8.698 148	152	1.301 852	9.999 460	1	143	7 107.1
858	8.697 759	152	8.698 300	152	1.301 700	9.999 459	0	142	8 122.4
859	8.697 911	152	8.698 452	152	1.301 548	9.999 459	0	141	9 137.7
.860	8.698 063	152	8.698 604	152	1.301 396	9.999 459	1	.140	
		152		152			0		152
861	8.698 215	151	8.698 756	152	1.301 244	9.999 458	0	139	
862	8.698 366	152	8.698 908	152	1.301 092	9.999 458	0	138	1 15.2
863	8.698 518	152	8.699 060	152	1.300 940	9.999 458	1	137	2 30.4
		152		152			0		3 45.6
864	8.698 670	151	8.699 212	152	1.300 788	9.999 457	1	136	4 60.8
865	8.698 821	151	8.699 364	152	1.300 636	9.999 457	0	135	5 76.0
866	8.698 972	151	8.699 516	152	1.300 484	9.999 456	1	134	6 91.2
		152		152			0		7 106.4
867	8.699 124	151	8.699 668	151	1.300 332	9.999 456	0	133	8 121.6
868	8.699 275	151	8.699 819	152	1.300 181	9.999 456	1	132	9 136.8
869	8.699 426	151	8.699 971	152	1.300 029	9.999 455	0	131	
.870	8.699 578	152	8.700 123	152	1.299 877	9.999 455	1	.130	
		151		151			0		151
871	8.699 729	151	8.700 274	152	1.299 726	9.999 455	1	129	
872	8.699 880	151	8.700 426	151	1.299 574	9.999 454	0	128	1 15.1
873	8.700 031	151	8.700 577	152	1.299 423	9.999 454	1	127	2 30.2
		151		151			0		3 45.3
874	8.700 182	151	8.700 729	151	1.299 271	9.999 453	0	126	4 60.4
875	8.700 333	151	8.700 880	151	1.299 120	9.999 453	0	125	5 75.5
876	8.700 484	151	8.701 031	151	1.298 969	9.999 453	1	124	6 90.6
		151		152			0		7 105.7
877	8.700 635	151	8.701 182	152	1.298 818	9.999 452	0	123	8 120.8
878	8.700 786	150	8.701 334	151	1.298 666	9.999 452	0	122	9 135.9
879	8.700 936	151	8.701 485	151	1.298 515	9.999 452	1	121	
.880	8.701 087	151	8.701 636	151	1.298 364	9.999 451	0	.120	
		151		151			1		150
881	8.701 238	150	8.701 787	151	1.298 213	9.999 451	0	119	
882	8.701 388	151	8.701 938	151	1.298 062	9.999 450	0	118	1 15.0
883	8.701 539	150	8.702 089	151	1.297 911	9.999 450	0	117	2 30.0
		150		151			1		3 45.0
884	8.701 689	151	8.702 240	150	1.297 760	9.999 450	0	116	4 60.0
885	8.701 840	150	8.702 390	151	1.297 610	9.999 449	0	115	5 75.0
886	8.701 990	150	8.702 541	151	1.297 459	9.999 449	1	114	6 90.0
		151		151			0		7 105.0
887	8.702 140	151	8.702 692	150	1.297 308	9.999 448	0	113	8 120.0
888	8.702 291	150	8.702 843	150	1.297 157	9.999 448	0	112	9 135.0
889	8.702 441	150	8.702 993	151	1.297 007	9.999 448	1	111	
.890	8.702 591	150	8.703 144	150	1.296 856	9.999 447	0	.110	
		150		151			1		149
891	8.702 741	150	8.703 294	151	1.296 706	9.999 447	0	109	
892	8.702 891	150	8.703 445	150	1.296 555	9.999 447	1	108	1 14.9
893	8.703 041	150	8.703 595	150	1.296 405	9.999 446	0	107	2 29.8
		150		151			1		3 44.7
894	8.703 191	150	8.703 745	151	1.296 255	9.999 446	0	106	4 59.6
895	8.703 341	150	8.703 896	150	1.296 104	9.999 445	0	105	5 74.5
896	8.703 491	150	8.704 046	150	1.295 954	9.999 445	1	104	6 89.4
		150		150			0		7 104.3
897	8.703 641	150	8.704 196	150	1.295 804	9.999 445	1	103	8 119.2
898	8.703 791	149	8.704 346	150	1.295 654	9.999 444	0	102	9 134.1
899	8.703 940	150	8.704 496	150	1.295 504	9.999 444	1	101	
.900	8.704 090	150	8.704 646	150	1.295 354	9.999 443	0	.100	
							1		
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.150 — 87°.100

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

2°.900 — 2°.950

2°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.704 090		8.704 646		1.295 354	9.999 443		.100	
901	8.704 240	150	8.704 796	150	1.295 204	9.999 443	0	099	
902	8.704 389	149	8.704 946	150	1.295 054	9.999 443	0	098	
903	8.704 539	150	8.705 096	150	1.294 904	9.999 442	1	097	
904	8.704 688	149	8.705 246	150	1.294 754	9.999 442	0	096	150
905	8.704 837	149	8.705 396	150	1.294 604	9.999 442	0	095	1 15.0
906	8.704 987	150	8.705 546	150	1.294 454	9.999 441	1	094	2 30.0
907	8.705 136	149	8.705 695	149	1.294 305	9.999 441	0	093	3 45.0
908	8.705 285	149	8.705 845	150	1.294 155	9.999 440	1	092	4 60.0
909	8.705 434	149	8.705 994	149	1.294 006	9.999 440	0	091	5 75.0
.910	8.705 584	150	8.706 144	150	1.293 856	9.999 440	0	.090	6 90.0
911	8.705 733	149	8.706 293	149	1.293 707	9.999 439	1	089	7 105.0
912	8.705 882	149	8.706 443	150	1.293 557	9.999 439	0	088	8 120.0
913	8.706 031	149	8.706 592	149	1.293 408	9.999 438	1	087	9 135.0
914	8.706 180	149	8.706 742	150	1.293 258	9.999 438	0	086	
915	8.706 329	149	8.706 891	149	1.293 109	9.999 438	0	085	
916	8.706 477	148	8.707 040	149	1.292 960	9.999 437	1	084	149
917	8.706 626	149	8.707 189	149	1.292 811	9.999 437	0	083	1 14.9
918	8.706 775	149	8.707 338	149	1.292 662	9.999 437	0	082	2 29.8
919	8.706 924	149	8.707 487	149	1.292 513	9.999 436	1	081	3 44.7
.920	8.707 072	148	8.707 636	149	1.292 364	9.999 436	0	.080	4 59.6
921	8.707 221	149	8.707 785	149	1.292 215	9.999 435	1	079	5 74.5
922	8.707 369	148	8.707 934	149	1.292 066	9.999 435	0	078	6 89.4
923	8.707 518	149	8.708 083	149	1.291 917	9.999 435	0	077	7 104.3
924	8.707 666	148	8.708 232	149	1.291 768	9.999 434	1	076	8 119.2
925	8.707 815	149	8.708 381	149	1.291 619	9.999 434	0	075	9 134.1
926	8.707 963	148	8.708 529	148	1.291 471	9.999 433	1	074	
927	8.708 111	148	8.708 678	149	1.291 322	9.999 433	0	073	148
928	8.708 259	148	8.708 827	149	1.291 173	9.999 433	0	072	
929	8.708 408	149	8.708 975	148	1.291 025	9.999 432	1	071	1 14.8
.930	8.708 556	148	8.709 124	149	1.290 876	9.999 432	0	.070	2 29.6
931	8.708 704	148	8.709 272	148	1.290 728	9.999 432	0	069	3 44.4
932	8.708 852	148	8.709 421	149	1.290 579	9.999 431	1	068	4 59.2
933	8.709 000	148	8.709 569	148	1.290 431	9.999 431	0	067	5 74.0
934	8.709 148	148	8.709 717	148	1.290 283	9.999 430	1	066	6 88.8
935	8.709 296	148	8.709 866	149	1.290 134	9.999 430	0	065	7 103.6
936	8.709 443	147	8.710 014	148	1.289 986	9.999 430	0	064	8 118.4
937	8.709 591	148	8.710 162	148	1.289 838	9.999 429	1	063	9 133.2
938	8.709 739	148	8.710 310	148	1.289 690	9.999 429	0	062	
939	8.709 886	147	8.710 458	148	1.289 542	9.999 428	1	061	
.940	8.710 034	148	8.710 606	148	1.289 394	9.999 428	0	.060	147
941	8.710 182	148	8.710 754	148	1.289 246	9.999 428	0	059	1 14.7
942	8.710 329	147	8.710 902	148	1.289 098	9.999 427	1	058	2 29.4
943	8.710 477	148	8.711 050	148	1.288 950	9.999 427	0	057	3 44.1
944	8.710 624	147	8.711 198	148	1.288 802	9.999 426	1	056	4 58.8
945	8.710 771	147	8.711 345	147	1.288 655	9.999 426	0	055	5 73.5
946	8.710 919	148	8.711 493	148	1.288 507	9.999 426	0	054	6 88.2
947	8.711 066	147	8.711 641	148	1.288 359	9.999 425	1	053	7 102.9
948	8.711 213	147	8.711 788	147	1.288 212	9.999 425	0	052	8 117.6
949	8.711 360	147	8.711 936	148	1.288 064	9.999 424	1	051	9 132.3
.950	8.711 507	147	8.712 083	147	1.287 917	9.999 424	0	.050	
	cos	d	cotg	d	tang	sin	d	87°	P.P.

87°.100 — 87°.050

2°.950 — 3°.000

2°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.711 507		8.712 083		1.287 917	9.999 424		.050	
951	8.711 655	148	8.712 231	148	1.287 769	9.999 424	0	049	
952	8.711 802	147	8.712 378	147	1.287 622	9.999 423	1	048	148
953	8.711 949	147	8.712 526	148	1.287 474	9.999 423	0	047	1 14.8
		146		147			0		2 29.6
954	8.712 095		8.712 673		1.287 327	9.999 423	1	046	3 44.4
955	8.712 242	147	8.712 820	147	1.287 180	9.999 422	0	045	4 59.2
956	8.712 389	147	8.712 967	147	1.287 033	9.999 422	1	044	5 74.0
		147		148			0		6 88.8
957	8.712 536		8.713 115		1.286 885	9.999 421	1	043	7 103.6
958	8.712 683	147	8.713 262	147	1.286 738	9.999 421	0	042	8 118.4
959	8.712 829	146	8.713 409	147	1.286 591	9.999 421	1	041	9 133.2
		147		147			0		
.960	8.712 976		8.713 556		1.286 444	9.999 420		.040	
		146		147			1	039	
961	8.713 122		8.713 703		1.286 297	9.999 420	0	038	147
962	8.713 269	147	8.713 850	147	1.286 150	9.999 419	1	037	1 14.7
963	8.713 415	146	8.713 996	146	1.286 004	9.999 419	0	036	2 29.4
		147		147			1	035	3 44.1
964	8.713 562		8.714 143		1.285 857	9.999 419	0	034	4 58.8
965	8.713 708	146	8.714 290	147	1.285 710	9.999 418	1	033	5 73.5
966	8.713 855	147	8.714 437	147	1.285 563	9.999 418	0	032	6 88.2
		146		146			1	031	7 102.9
967	8.714 001		8.714 583		1.285 417	9.999 417	0	030	8 117.6
968	8.714 147	146	8.714 730	147	1.285 270	9.999 417	1	029	9 132.3
969	8.714 293	146	8.714 877	147	1.285 123	9.999 417	0	028	
		146		146			1	027	
.970	8.714 439		8.715 023		1.284 977	9.999 416		.030	
		146		147			0	026	
971	8.714 585	146	8.715 170	146	1.284 830	9.999 416	1	025	146
972	8.714 731	146	8.715 316	146	1.284 684	9.999 415	0	024	1 14.6
973	8.714 877	146	8.715 462	147	1.284 538	9.999 415	1	023	2 29.2
		146		146			0	022	3 43.8
974	8.715 023		8.715 609		1.284 391	9.999 415	1	021	4 58.4
975	8.715 169	146	8.715 755	146	1.284 245	9.999 414	0	020	5 73.0
976	8.715 315	146	8.715 901	146	1.284 099	9.999 414	1	019	6 87.6
		146		146			0	018	7 102.2
977	8.715 461		8.716 047		1.283 953	9.999 414	1	017	8 116.8
978	8.715 607	146	8.716 193	146	1.283 807	9.999 413	0	016	9 131.4
979	8.715 752	145	8.716 339	146	1.283 661	9.999 413	1	015	
		146		146			0	014	
.980	8.715 898		8.716 485		1.283 515	9.999 412		.020	
		145		146			1	013	
981	8.716 043	146	8.716 631	146	1.283 369	9.999 412	0	012	145
982	8.716 189	145	8.716 777	146	1.283 223	9.999 412	1	011	1 14.5
983	8.716 334	146	8.716 923	146	1.283 077	9.999 411	0	010	2 29.0
		145		146			1	009	3 43.5
984	8.716 480		8.717 069		1.282 931	9.999 411	0	008	4 58.0
985	8.716 625	145	8.717 215	146	1.282 785	9.999 410	1	007	5 72.5
986	8.716 771	146	8.717 361	146	1.282 639	9.999 410	0	006	6 87.0
		145		145			1	005	7 101.5
987	8.716 916		8.717 506		1.282 494	9.999 410	0	004	8 116.0
988	8.717 061	145	8.717 652	146	1.282 348	9.999 409	1	003	9 130.5
989	8.717 206	145	8.717 798	146	1.282 202	9.999 409	0	002	
		145		145			1	001	
.990	8.717 351		8.717 943		1.282 057	9.999 408		.010	
		146		146			0	009	144
991	8.717 497	145	8.718 089	145	1.281 911	9.999 408	1	008	1 14.4
992	8.717 642	145	8.718 234	145	1.281 766	9.999 408	0	007	2 28.8
993	8.717 787	144	8.718 379	146	1.281 621	9.999 407	1	006	3 43.2
		145		145			0	005	4 57.6
994	8.717 931		8.718 525		1.281 475	9.999 407	1	004	5 72.0
995	8.718 076	145	8.718 670	145	1.281 330	9.999 406	0	003	6 86.4
996	8.718 221	145	8.718 815	145	1.281 185	9.999 406	1	002	7 100.8
		145		146			0	001	8 115.2
997	8.718 366		8.718 960		1.281 040	9.999 406	1	000	9 129.6
998	8.718 511	145	8.719 106	145	1.280 894	9.999 405	0		
999	8.718 656	144	8.719 251	145	1.280 749	9.999 405	1		
		144		145			0		
*.000	8.718 800		8.719 396		1.280 604	9.999 404		.000	
								87°	
	cos	d	cotg	d	tang	sin	d		P.P.

3°.000 — 3°.050

3°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.718 800		8.719 396		1.280 604	9.999 404		*.000	
001	8.718 945	145	8.719 541	145	1.280 459	9.999 404	0	999	
002	8.719 089	144	8.719 686	145	1.280 314	9.999 404	0	998	
003	8.719 234	145	8.719 831	145	1.280 169	9.999 403	1	997	
004	8.719 378	144	8.719 975	144	1.280 025	9.999 403	0	996	145
005	8.719 523	145	8.720 120	145	1.279 880	9.999 402	1	995	1 14.5
006	8.719 667	144	8.720 265	145	1.279 735	9.999 402	0	994	2 29.0
007	8.719 811	144	8.720 410	145	1.279 590	9.999 402	0	993	3 43.5
008	8.719 956	145	8.720 554	144	1.279 446	9.999 401	1	992	4 58.0
009	8.720 100	144	8.720 699	145	1.279 301	9.999 401	0	991	5 72.5
.010	8.720 244	144	8.720 844	145	1.279 156	9.999 400	1	.990	6 87.0
011	8.720 388	144	8.720 988	144	1.279 012	9.999 400	0	989	7 101.5
012	8.720 532	144	8.721 133	145	1.278 867	9.999 400	0	988	8 116.0
013	8.720 676	144	8.721 277	144	1.278 723	9.999 399	1	987	9 130.5
014	8.720 820	144	8.721 421	144	1.278 579	9.999 399	0	986	
015	8.720 964	144	8.721 566	145	1.278 434	9.999 398	1	985	
016	8.721 108	144	8.721 710	144	1.278 290	9.999 398	0	984	144
017	8.721 252	144	8.721 854	144	1.278 146	9.999 398	0	983	1 14.4
018	8.721 396	144	8.721 999	145	1.278 001	9.999 397	1	982	2 28.8
019	8.721 539	143	8.722 143	144	1.277 857	9.999 397	0	981	3 43.2
.020	8.721 683	144	8.722 287	144	1.277 713	9.999 396	1	.980	4 57.6
021	8.721 827	144	8.722 431	144	1.277 569	9.999 396	0	979	5 72.0
022	8.721 970	143	8.722 575	144	1.277 425	9.999 396	0	978	6 86.4
023	8.722 114	144	8.722 719	144	1.277 281	9.999 395	1	977	7 100.8
024	8.722 258	144	8.722 863	144	1.277 137	9.999 395	0	976	8 115.2
025	8.722 401	143	8.723 007	144	1.276 993	9.999 394	1	975	9 129.6
026	8.722 544	143	8.723 150	143	1.276 850	9.999 394	0	974	
027	8.722 688	144	8.723 294	144	1.276 706	9.999 394	0	973	
028	8.722 831	143	8.723 438	144	1.276 562	9.999 393	1	972	143
029	8.722 974	143	8.723 581	143	1.276 419	9.999 393	0	971	1 14.3
.030	8.723 118	144	8.723 725	144	1.276 275	9.999 392	1	.970	2 28.6
031	8.723 261	143	8.723 869	144	1.276 131	9.999 392	0	969	3 42.9
032	8.723 404	143	8.724 012	143	1.275 988	9.999 392	0	968	4 57.2
033	8.723 547	143	8.724 156	144	1.275 844	9.999 391	1	967	5 71.5
034	8.723 690	143	8.724 299	143	1.275 701	9.999 391	0	966	6 85.8
035	8.723 833	143	8.724 443	144	1.275 557	9.999 390	1	965	7 100.1
036	8.723 976	143	8.724 586	143	1.275 414	9.999 390	0	964	8 114.4
037	8.724 119	143	8.724 729	143	1.275 271	9.999 390	1	963	9 128.7
038	8.724 262	143	8.724 872	143	1.275 128	9.999 389	0	962	
039	8.724 404	142	8.725 016	144	1.274 984	9.999 389	0	961	
.040	8.724 547	143	8.725 159	143	1.274 841	9.999 388	1	.960	142
041	8.724 690	143	8.725 302	143	1.274 698	9.999 388	0	959	1 14.2
042	8.724 833	143	8.725 445	143	1.274 555	9.999 388	0	958	2 28.4
043	8.724 975	142	8.725 588	143	1.274 412	9.999 387	1	957	3 42.6
044	8.725 118	143	8.725 731	143	1.274 269	9.999 387	0	956	4 56.8
045	8.725 260	142	8.725 874	143	1.274 126	9.999 386	1	955	5 71.0
046	8.725 403	143	8.726 017	143	1.273 983	9.999 386	0	954	6 85.2
047	8.725 545	142	8.726 160	143	1.273 840	9.999 386	1	953	7 99.4
048	8.725 687	142	8.726 302	142	1.273 698	9.999 385	0	952	8 113.6
049	8.725 830	143	8.726 445	143	1.273 555	9.999 385	1	951	9 127.8
.050	8.725 972	142	8.726 588	143	1.273 412	9.999 384	0	.950	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.050 — 3°.100

3°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.725 972		8.726 588		1.273 412	9.999 384		.950	
051	8.726 114	142	8.726 730	142	1.273 270	9.999 384	0	949	
052	8.726 256	142	8.726 873	143	1.273 127	9.999 384	0	948	
053	8.726 399	143	8.727 015	142	1.272 985	9.999 383	1	947	
		142		143			0		143
054	8.726 541	142	8.727 158	142	1.272 842	9.999 383	1	946	
055	8.726 683	142	8.727 300	142	1.272 700	9.999 382	0	945	1 14.3
056	8.726 825	142	8.727 443	143	1.272 557	9.999 382	0	944	2 28.6
		142		142			0		3 42.9
057	8.726 967	142	8.727 585	142	1.272 415	9.999 382	1	943	4 57.2
058	8.727 109	142	8.727 727	142	1.272 273	9.999 381	0	942	5 71.5
059	8.727 251	142	8.727 870	143	1.272 130	9.999 381	0	941	6 85.8
		141		142			1		7 100.1
.060	8.727 392	142	8.728 012	142	1.271 988	9.999 380	0	.940	8 114.4
		142		142			0		9 128.7
061	8.727 534	142	8.728 154	142	1.271 846	9.999 380	0	939	
062	8.727 676	142	8.728 296	142	1.271 704	9.999 380	0	938	
063	8.727 817	141	8.728 438	142	1.271 562	9.999 379	1	937	
		142		142			0		142
064	8.727 959	142	8.728 580	142	1.271 420	9.999 379	1	936	
065	8.728 101	142	8.728 722	142	1.271 278	9.999 378	0	935	
066	8.728 242	141	8.728 864	142	1.271 136	9.999 378	0	934	
		142		142			1		1 14.2
067	8.728 384	141	8.729 006	142	1.270 994	9.999 377	0	933	2 28.4
068	8.728 525	142	8.729 148	142	1.270 852	9.999 377	0	932	3 42.6
069	8.728 667	142	8.729 290	142	1.270 710	9.999 377	0	931	4 56.8
		141		142			1		5 71.0
.070	8.728 808	141	8.729 432	141	1.270 568	9.999 376	0	.930	6 85.2
		141		142			1		7 99.4
071	8.728 949	141	8.729 573	142	1.270 427	9.999 376	0	929	8 113.6
072	8.729 090	142	8.729 715	142	1.270 285	9.999 375	0	928	9 127.8
073	8.729 232	141	8.729 857	141	1.270 143	9.999 375	0	927	
		141		142			0		
074	8.729 373	141	8.729 998	142	1.270 002	9.999 375	1	926	
075	8.729 514	141	8.730 140	141	1.269 860	9.999 374	0	925	
076	8.729 655	141	8.730 281	141	1.269 719	9.999 374	0	924	
		141		142			1		141
077	8.729 796	141	8.730 423	141	1.269 577	9.999 373	0	923	
078	8.729 937	141	8.730 564	141	1.269 436	9.999 373	0	922	
079	8.730 078	141	8.730 705	141	1.269 295	9.999 373	0	921	
		141		142			1		
.080	8.730 219	141	8.730 847	141	1.269 153	9.999 372	0	.920	
		141		141			1		
081	8.730 360	141	8.730 988	141	1.269 012	9.999 372	0	919	
082	8.730 501	140	8.731 129	141	1.268 871	9.999 371	0	918	
083	8.730 641	141	8.731 270	141	1.268 730	9.999 371	0	917	
		141		141			0		
084	8.730 782	141	8.731 411	142	1.268 589	9.999 371	1	916	
085	8.730 923	140	8.731 553	141	1.268 447	9.999 370	0	915	
086	8.731 063	141	8.731 694	141	1.268 306	9.999 370	0	914	
		141		141			1		
087	8.731 204	140	8.731 835	140	1.268 165	9.999 369	0	913	
088	8.731 344	141	8.731 975	141	1.268 025	9.999 369	0	912	
089	8.731 485	140	8.732 116	141	1.267 884	9.999 369	0	911	
		140		141			1		140
.090	8.731 625	141	8.732 257	141	1.267 743	9.999 368	0	.910	
		140		141			1		
091	8.731 766	140	8.732 398	141	1.267 602	9.999 368	0	909	
092	8.731 906	140	8.732 539	140	1.267 461	9.999 367	0	908	
093	8.732 046	141	8.732 679	141	1.267 321	9.999 367	1	907	
		140		141			0		
094	8.732 187	140	8.732 820	141	1.267 180	9.999 366	0	906	
095	8.732 327	140	8.732 961	140	1.267 039	9.999 366	0	905	
096	8.732 467	140	8.733 101	140	1.266 899	9.999 366	0	904	
		140		141			1		
097	8.732 607	140	8.733 242	140	1.266 758	9.999 365	0	903	
098	8.732 747	140	8.733 382	141	1.266 618	9.999 365	1	902	
099	8.732 887	140	8.733 523	140	1.266 477	9.999 364	0	901	
		140		140			0		
.100	8.733 027		8.733 663		1.266 337	9.999 364		.900	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.100 — 3°.150

3°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.733 027		8.733 663		1.266 337	9.999 364		.900	
101	8.733 167	140	8.733 803	140	1.266 197	9.999 364	0	899	
102	8.733 307	140	8.733 944	141	1.266 056	9.999 363	1	898	141
103	8.733 447	140	8.734 084	140	1.265 916	9.999 363	0	897	1 14.1
		140		140			1		2 28.2
104	8.733 587	139	8.734 224	140	1.265 776	9.999 362	0	896	3 42.3
105	8.733 726	140	8.734 364	141	1.265 636	9.999 362	0	895	4 56.4
106	8.733 866	140	8.734 505	141	1.265 495	9.999 362	1	894	5 70.5
		140		140			0		6 84.6
107	8.734 006	139	8.734 645	140	1.265 355	9.999 361	1	893	7 98.7
108	8.734 145	140	8.734 785	140	1.265 215	9.999 361	0	892	8 112.8
109	8.734 285	139	8.734 925	140	1.265 075	9.999 360	1	891	9 126.9
		139		140			0		
.110	8.734 424	140	8.735 065	139	1.264 935	9.999 360	1	.890	
111	8.734 564	139	8.735 204	140	1.264 796	9.999 359	0	889	140
112	8.734 703	140	8.735 344	140	1.264 656	9.999 359	0	888	
113	8.734 843	139	8.735 484	140	1.264 516	9.999 359	1	887	1 14.0
		139		140			0		2 28.0
114	8.734 982	139	8.735 624	140	1.264 376	9.999 358	1	886	3 42.0
115	8.735 121	140	8.735 764	139	1.264 236	9.999 358	0	885	4 56.0
116	8.735 261	139	8.735 903	140	1.264 097	9.999 357	1	884	5 70.0
		139		140			0		6 84.0
117	8.735 400	139	8.736 043	139	1.263 957	9.999 357	0	883	7 98.0
118	8.735 539	139	8.736 182	140	1.263 818	9.999 357	1	882	8 112.0
119	8.735 678	139	8.736 322	140	1.263 678	9.999 356	0	881	9 126.0
		139		139			1		
.120	8.735 817	139	8.736 462	139	1.263 538	9.999 356	0	.880	
121	8.735 956	139	8.736 601	139	1.263 399	9.999 355	1	879	139
122	8.736 095	139	8.736 740	140	1.263 260	9.999 355	0	878	
123	8.736 234	139	8.736 880	139	1.263 120	9.999 355	1	877	1 13.9
		139		139			0		2 27.8
124	8.736 373	139	8.737 019	139	1.262 981	9.999 354	1	876	3 41.7
125	8.736 512	139	8.737 158	140	1.262 842	9.999 354	0	875	4 55.6
126	8.736 651	139	8.737 298	139	1.262 702	9.999 353	1	874	5 69.5
		139		139			0		6 83.4
127	8.736 790	138	8.737 437	139	1.262 563	9.999 353	1	873	7 97.3
128	8.736 928	139	8.737 576	139	1.262 424	9.999 352	0	872	8 111.2
129	8.737 067	139	8.737 715	139	1.262 285	9.999 352	1	871	9 125.1
		139		139			0		
.130	8.737 206	138	8.737 854	139	1.262 146	9.999 352	1	.870	
131	8.737 344	139	8.737 993	139	1.262 007	9.999 351	0	869	138
132	8.737 483	138	8.738 132	139	1.261 868	9.999 351	1	868	1 13.8
133	8.737 621	139	8.738 271	139	1.261 729	9.999 350	0	867	2 27.6
		138		139			1		3 41.4
134	8.737 760	138	8.738 410	139	1.261 590	9.999 350	0	866	4 55.2
135	8.737 898	139	8.738 549	138	1.261 451	9.999 350	1	865	5 69.0
136	8.738 037	138	8.738 687	139	1.261 313	9.999 349	0	864	6 82.8
		138		139			1		7 96.6
137	8.738 175	138	8.738 826	139	1.261 174	9.999 349	0	863	8 110.4
138	8.738 313	138	8.738 965	138	1.261 035	9.999 348	1	862	9 124.2
139	8.738 451	139	8.739 103	139	1.260 897	9.999 348	0	861	
		138		139			1		
.140	8.738 590	138	8.739 242	139	1.260 758	9.999 347	0	.860	
141	8.738 728	138	8.739 381	138	1.260 619	9.999 347	1	859	137
142	8.738 866	138	8.739 519	139	1.260 481	9.999 347	0	858	1 13.7
143	8.739 004	138	8.739 658	138	1.260 342	9.999 346	1	857	2 27.4
		138		138			0		3 41.1
144	8.739 142	138	8.739 796	138	1.260 204	9.999 346	1	856	4 54.8
145	8.739 280	138	8.739 934	139	1.260 066	9.999 345	0	855	5 68.5
146	8.739 418	138	8.740 073	138	1.259 927	9.999 345	1	854	6 82.2
		138		138			0		7 95.9
147	8.739 556	137	8.740 211	139	1.259 789	9.999 345	1	853	8 109.6
148	8.739 694	137	8.740 349	138	1.259 651	9.999 344	0	852	9 123.3
149	8.739 831	138	8.740 488	138	1.259 512	9.999 344	1	851	
		138		138			0		
.150	8.739 969		8.740 626		1.259 374	9.999 343		.850	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.150 — 3°.200

3°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.739 969		8.740 626		1.259 374	9.999 343		.850	
151	8.740 107	138	8.740 764	138	1.259 236	9.999 343	0	849	
152	8.740 244	137	8.740 902	138	1.259 098	9.999 342	1	848	
153	8.740 382	138	8.741 040	138	1.258 960	9.999 342	0	847	
154	8.740 520	138	8.741 178	138	1.258 822	9.999 342	0	846	138
155	8.740 657	137	8.741 316	138	1.258 684	9.999 341	1	845	1 13.8
156	8.740 795	138	8.741 454	138	1.258 546	9.999 341	0	844	2 27.6
157	8.740 932	137	8.741 592	138	1.258 408	9.999 340	1	843	3 41.4
158	8.741 070	138	8.741 730	138	1.258 270	9.999 340	0	842	4 55.2
159	8.741 207	137	8.741 867	137	1.258 133	9.999 340	0	841	5 69.0
.160	8.741 344	137	8.742 005	138	1.257 995	9.999 339	1	.840	6 82.8
161	8.741 482	138	8.742 143	138	1.257 857	9.999 339	0	839	7 96.6
162	8.741 619	137	8.742 280	137	1.257 720	9.999 338	1	838	8 110.4
163	8.741 756	137	8.742 418	138	1.257 582	9.999 338	0	837	9 124.2
164	8.741 893	137	8.742 556	138	1.257 444	9.999 337	1	836	
165	8.742 030	137	8.742 693	137	1.257 307	9.999 337	0	835	
166	8.742 167	137	8.742 831	138	1.257 169	9.999 337	0	834	137
167	8.742 304	137	8.742 968	137	1.257 032	9.999 336	1	833	1 13.7
168	8.742 441	137	8.743 105	137	1.256 895	9.999 336	0	832	2 27.4
169	8.742 578	137	8.743 243	138	1.256 757	9.999 335	1	831	3 41.1
.170	8.742 715	137	8.743 380	137	1.256 620	9.999 335	0	.830	4 54.8
171	8.742 852	137	8.743 517	137	1.256 483	9.999 335	0	829	5 68.5
172	8.742 989	137	8.743 655	138	1.256 345	9.999 334	1	828	6 82.2
173	8.743 125	136	8.743 792	137	1.256 208	9.999 334	0	827	7 95.9
174	8.743 262	137	8.743 929	137	1.256 071	9.999 333	1	826	8 109.6
175	8.743 399	137	8.744 066	137	1.255 934	9.999 333	0	825	9 123.3
176	8.743 535	136	8.744 203	137	1.255 797	9.999 332	1	824	
177	8.743 672	137	8.744 340	137	1.255 660	9.999 332	0	823	
178	8.743 809	137	8.744 477	137	1.255 523	9.999 332	0	822	136
179	8.743 945	136	8.744 614	137	1.255 386	9.999 331	1	821	1 13.6
.180	8.744 081	136	8.744 751	137	1.255 249	9.999 331	0	.820	2 27.2
181	8.744 218	137	8.744 888	137	1.255 112	9.999 330	1	819	3 40.8
182	8.744 354	136	8.745 024	136	1.254 976	9.999 330	0	818	4 54.4
183	8.744 491	137	8.745 161	137	1.254 839	9.999 329	1	817	5 68.0
184	8.744 627	136	8.745 298	137	1.254 702	9.999 329	0	816	6 81.6
185	8.744 763	136	8.745 434	136	1.254 566	9.999 329	0	815	7 95.2
186	8.744 899	136	8.745 571	137	1.254 429	9.999 328	1	814	8 108.8
187	8.745 035	136	8.745 708	137	1.254 292	9.999 328	0	813	9 122.4
188	8.745 172	137	8.745 844	136	1.254 156	9.999 327	1	812	
189	8.745 308	136	8.745 981	137	1.254 019	9.999 327	0	811	
.190	8.745 444	136	8.746 117	136	1.253 883	9.999 327	0	.810	135
191	8.745 580	136	8.746 254	137	1.253 746	9.999 326	1	809	1 13.5
192	8.745 716	136	8.746 390	136	1.253 610	9.999 326	0	808	2 27.0
193	8.745 851	135	8.746 526	136	1.253 474	9.999 325	1	807	3 40.5
194	8.745 987	136	8.746 662	136	1.253 338	9.999 325	0	806	4 54.0
195	8.746 123	136	8.746 799	137	1.253 201	9.999 324	1	805	5 67.5
196	8.746 259	136	8.746 935	136	1.253 065	9.999 324	0	804	6 81.0
197	8.746 395	136	8.747 071	136	1.252 929	9.999 324	0	803	7 94.5
198	8.746 530	135	8.747 207	136	1.252 793	9.999 323	1	802	8 108.0
199	8.746 666	136	8.747 343	136	1.252 657	9.999 323	0	801	9 121.5
.200	8.746 802	136	8.747 479	136	1.252 521	9.999 322	1	.800	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.200 — 3°.250

3°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.746 802		8.747 479		1.252 521	9.999 322		.800	
201	8.746 937	135	8.747 615	136	1.252 385	9.999 322	0	799	
202	8.747 073	136	8.747 751	136	1.252 249	9.999 321	1	798	
203	8.747 208	135	8.747 887	136	1.252 113	9.999 321	0	797	
		136		136			0		136
204	8.747 344		8.748 023		1.251 977	9.999 321	1	796	
205	8.747 479	135	8.748 159	136	1.251 841	9.999 320	0	795	1 13.6
206	8.747 614	135	8.748 294	135	1.251 706	9.999 320	1	794	2 27.2
		136		136			1		3 40.8
207	8.747 750		8.748 430		1.251 570	9.999 319	0	793	4 54.4
208	8.747 885	135	8.748 566	136	1.251 434	9.999 319	1	792	5 68.0
209	8.748 020	135	8.748 702	136	1.251 298	9.999 318	0	791	6 81.6
		135		135			0		7 95.2
.210	8.748 155		8.748 837		1.251 163	9.999 318	1	.790	8 108.8
		135		136			0		9 122.4
211	8.748 290	135	8.748 973	135	1.251 027	9.999 318	1	789	
212	8.748 425	135	8.749 108	135	1.250 892	9.999 317	0	788	
213	8.748 560	135	8.749 244	136	1.250 756	9.999 317	1	787	
		135		135			0		135
214	8.748 695		8.749 379		1.250 621	9.999 316	1	786	
215	8.748 830	135	8.749 514	135	1.250 486	9.999 316	0	785	
216	8.748 965	135	8.749 650	136	1.250 350	9.999 316	1	784	
		135		135			0		1 13.5
217	8.749 100		8.749 785		1.250 215	9.999 315	1	783	2 27.0
218	8.749 235	135	8.749 920	135	1.250 080	9.999 315	0	782	3 40.5
219	8.749 370	135	8.750 056	136	1.249 944	9.999 314	1	781	4 54.0
		135		135			0		5 67.5
.220	8.749 505		8.750 191		1.249 809	9.999 314	1	.780	6 81.0
		134		135			0		7 94.5
221	8.749 639	135	8.750 326	135	1.249 674	9.999 313	1	779	8 108.0
222	8.749 774	135	8.750 461	135	1.249 539	9.999 313	0	778	9 121.5
223	8.749 909	135	8.750 596	135	1.249 404	9.999 313	1	777	
		134		135			0		
224	8.750 043		8.750 731		1.249 269	9.999 312	1	776	
225	8.750 178	135	8.750 866	135	1.249 134	9.999 312	0	775	
226	8.750 312	134	8.751 001	135	1.248 999	9.999 311	1	774	
		135		135			0		
227	8.750 447		8.751 136		1.248 864	9.999 311	1	773	134
228	8.750 581	134	8.751 271	135	1.248 729	9.999 310	0	772	
229	8.750 715	134	8.751 406	135	1.248 594	9.999 310	1	771	
		135		134			0		1 13.4
.230	8.750 850		8.751 540		1.248 460	9.999 310	1	.770	2 26.8
		134		135			0		3 40.2
231	8.750 984	134	8.751 675	135	1.248 325	9.999 309	1	769	4 53.6
232	8.751 118	135	8.751 810	134	1.248 190	9.999 309	0	768	5 67.0
233	8.751 253	134	8.751 944	135	1.248 056	9.999 308	1	767	6 80.4
		134		135			0		7 93.8
234	8.751 387		8.752 079		1.247 921	9.999 308	1	766	8 107.2
235	8.751 521	134	8.752 213	134	1.247 787	9.999 307	0	765	9 120.6
236	8.751 655	134	8.752 348	135	1.247 652	9.999 307	1	764	
		134		134			0		
237	8.751 789		8.752 482		1.247 518	9.999 307	1	763	
238	8.751 923	134	8.752 617	135	1.247 383	9.999 306	0	762	
239	8.752 057	134	8.752 751	134	1.247 249	9.999 306	1	761	
		134		135			0		133
.240	8.752 191		8.752 886		1.247 114	9.999 305	1	.760	1 13.3
		134		134			0		2 26.6
241	8.752 325	134	8.753 020	134	1.246 980	9.999 305	1	759	3 39.9
242	8.752 459	133	8.753 154	134	1.246 846	9.999 304	0	758	4 53.2
243	8.752 592	134	8.753 288	135	1.246 712	9.999 304	1	757	5 66.5
		134		134			0		6 79.8
244	8.752 726		8.753 423		1.246 577	9.999 304	1	756	7 93.1
245	8.752 860	134	8.753 557	134	1.246 443	9.999 303	0	755	8 106.4
246	8.752 994	134	8.753 691	134	1.246 309	9.999 303	1	754	9 119.7
		133		134			0		
247	8.753 127		8.753 825		1.246 175	9.999 302	1	753	
248	8.753 261	134	8.753 959	134	1.246 041	9.999 302	0	752	
249	8.753 394	133	8.754 093	134	1.245 907	9.999 301	1	751	
		134		134			0		
.250	8.753 528		8.754 227		1.245 773	9.999 301		.750	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.250 — 3°.300

3°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.753 528		8.754 227		1.245 773	9.999 301		.750	
251	8.753 661	133	8.754 361	134	1.245 639	9.999 301	0	749	
252	8.753 795	134	8.754 495	134	1.245 505	9.999 300	1	748	
253	8.753 928	133	8.754 628	133	1.245 372	9.999 300	0	747	
		133		134			1		134
254	8.754 061	133	8.754 762	134	1.245 238	9.999 299	0	746	
255	8.754 195	134	8.754 896	134	1.245 104	9.999 299	1	745	1 13.4
256	8.754 328	133	8.755 030	134	1.244 970	9.999 298	0	744	2 26.8
		133		133			0		3 40.2
257	8.754 461	133	8.755 163	133	1.244 837	9.999 298	1	743	4 53.6
258	8.754 594	133	8.755 297	134	1.244 703	9.999 298	0	742	5 67.0
259	8.754 728	134	8.755 430	133	1.244 570	9.999 297	1	741	6 80.4
		133		134			0		7 93.8
.260	8.754 861	133	8.755 564	133	1.244 436	9.999 297	1	.740	8 107.2
		133		133			0		9 120.6
261	8.754 994	133	8.755 697	134	1.244 303	9.999 296	1	739	
262	8.755 127	133	8.755 831	134	1.244 169	9.999 296	0	738	
263	8.755 260	133	8.755 964	133	1.244 036	9.999 295	1	737	
		133		134			0		
264	8.755 393	132	8.756 098	133	1.243 902	9.999 295	1	736	
265	8.755 525	133	8.756 231	133	1.243 769	9.999 294	0	735	
266	8.755 658	133	8.756 364	133	1.243 636	9.999 294	1	734	133
		133		134			0		
267	8.755 791	133	8.756 498	133	1.243 502	9.999 294	1	733	1 13.3
268	8.755 924	133	8.756 631	133	1.243 369	9.999 293	0	732	2 26.6
269	8.756 057	133	8.756 764	133	1.243 236	9.999 293	1	731	3 39.9
		132		133			0		4 53.2
.270	8.756 189	132	8.756 897	133	1.243 103	9.999 292	1	.730	5 66.5
		133		133			0		6 79.8
271	8.756 322	133	8.757 030	133	1.242 970	9.999 292	1	729	7 93.1
272	8.756 455	132	8.757 163	133	1.242 837	9.999 291	0	728	8 106.4
273	8.756 587	133	8.757 296	133	1.242 704	9.999 291	1	727	9 119.7
		133		133			0		
274	8.756 720	132	8.757 429	133	1.242 571	9.999 291	1	726	
275	8.756 852	133	8.757 562	133	1.242 438	9.999 290	0	725	
276	8.756 985	133	8.757 695	133	1.242 305	9.999 290	1	724	
		132		133			0		
277	8.757 117	132	8.757 828	133	1.242 172	9.999 289	1	723	132
278	8.757 249	133	8.757 961	133	1.242 039	9.999 289	0	722	
279	8.757 382	133	8.758 093	132	1.241 907	9.999 288	1	721	1 13.2
		132		133			0		2 26.4
.280	8.757 514	132	8.758 226	133	1.241 774	9.999 288	1	.720	3 39.6
		132		133			0		4 52.8
281	8.757 646	132	8.758 359	132	1.241 641	9.999 288	1	719	5 66.0
282	8.757 778	133	8.758 491	133	1.241 509	9.999 287	0	718	6 79.2
283	8.757 911	132	8.758 624	132	1.241 376	9.999 287	1	717	7 92.4
		132		133			0		8 105.6
284	8.758 043	132	8.758 756	133	1.241 244	9.999 286	1	716	9 118.8
285	8.758 175	132	8.758 889	132	1.241 111	9.999 286	0	715	
286	8.758 307	132	8.759 021	133	1.240 979	9.999 285	1	714	
		132		133			0		
287	8.758 439	132	8.759 154	132	1.240 846	9.999 285	1	713	
288	8.758 571	132	8.759 286	133	1.240 714	9.999 284	0	712	
289	8.758 703	132	8.759 419	132	1.240 581	9.999 284	1	711	
		132		132			0		131
.290	8.758 835	131	8.759 551	132	1.240 449	9.999 284	1	.710	1 13.1
		132		132			0		2 26.2
291	8.758 966	132	8.759 683	132	1.240 317	9.999 283	1	709	3 39.3
292	8.759 098	132	8.759 815	133	1.240 185	9.999 283	0	708	4 52.4
293	8.759 230	132	8.759 948	132	1.240 052	9.999 282	1	707	5 65.5
		132		132			0		6 78.6
294	8.759 362	131	8.760 080	132	1.239 920	9.999 282	1	706	7 91.7
295	8.759 493	132	8.760 212	132	1.239 788	9.999 281	0	705	8 104.8
296	8.759 625	132	8.760 344	132	1.239 656	9.999 281	1	704	9 117.9
		132		132			0		
297	8.759 757	131	8.760 476	132	1.239 524	9.999 281	1	703	
298	8.759 888	132	8.760 608	132	1.239 392	9.999 280	0	702	
299	8.760 020	132	8.760 740	132	1.239 260	9.999 280	1	701	
		131		132			0		
.300	8.760 151		8.760 872		1.239 128	9.999 279		.700	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.300 — 3°.350

3°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.760 151		8.760 872		1.239 128	9.999 279		.700	
301	8.760 283	132	8.761 004	132	1.238 996	9.999 279	0	699	
302	8.760 414	131	8.761 136	132	1.238 864	9.999 278	1	698	
303	8.760 545	131	8.761 267	131	1.238 733	9.999 278	0	697	
304	8.760 677	132	8.761 399	132	1.238 601	9.999 278	0	696	132
305	8.760 808	131	8.761 531	132	1.238 469	9.999 277	1	695	1 13.2
306	8.760 939	131	8.761 663	132	1.238 337	9.999 277	0	694	2 26.4
307	8.761 070	131	8.761 794	131	1.238 206	9.999 276	1	693	3 39.6
308	8.761 202	132	8.761 926	132	1.238 074	9.999 276	0	692	4 52.8
309	8.761 333	131	8.762 057	131	1.237 943	9.999 275	1	691	5 66.0
.310	8.761 464	131	8.762 189	132	1.237 811	9.999 275	0	.690	6 79.2
311	8.761 595	131	8.762 320	131	1.237 680	9.999 274	1	689	7 92.4
312	8.761 726	131	8.762 452	132	1.237 548	9.999 274	0	688	8 105.6
313	8.761 857	131	8.762 583	131	1.237 417	9.999 274	0	687	9 118.8
314	8.761 988	131	8.762 715	132	1.237 285	9.999 273	1	686	
315	8.762 119	131	8.762 846	131	1.237 154	9.999 273	0	685	
316	8.762 249	130	8.762 977	131	1.237 023	9.999 272	1	684	131
317	8.762 380	131	8.763 108	131	1.236 892	9.999 272	0	683	1 13.1
318	8.762 511	131	8.763 240	132	1.236 760	9.999 271	1	682	2 26.2
319	8.762 642	131	8.763 371	131	1.236 629	9.999 271	0	681	3 39.3
.320	8.762 772	130	8.763 502	131	1.236 498	9.999 270	1	.680	4 52.4
321	8.762 903	131	8.763 633	131	1.236 367	9.999 270	0	679	5 65.5
322	8.763 034	131	8.763 764	131	1.236 236	9.999 270	0	678	6 78.6
323	8.763 164	130	8.763 895	131	1.236 105	9.999 269	1	677	7 91.7
324	8.763 295	131	8.764 026	131	1.235 974	9.999 269	0	676	8 104.8
325	8.763 425	130	8.764 157	131	1.235 843	9.999 268	1	675	9 117.9
326	8.763 556	131	8.764 288	131	1.235 712	9.999 268	0	674	
327	8.763 686	130	8.764 419	131	1.235 581	9.999 267	1	673	
328	8.763 816	130	8.764 549	130	1.235 451	9.999 267	0	672	130
329	8.763 947	131	8.764 680	131	1.235 320	9.999 267	0	671	1 13.0
.330	8.764 077	130	8.764 811	131	1.235 189	9.999 266	1	.670	2 26.0
331	8.764 207	130	8.764 942	131	1.235 058	9.999 266	0	669	3 39.0
332	8.764 338	131	8.765 072	130	1.234 928	9.999 265	1	668	4 52.0
333	8.764 468	130	8.765 203	131	1.234 797	9.999 265	0	667	5 65.0
334	8.764 598	130	8.765 334	131	1.234 666	9.999 264	1	666	6 78.0
335	8.764 728	130	8.765 464	130	1.234 536	9.999 264	0	665	7 91.0
336	8.764 858	130	8.765 595	131	1.234 405	9.999 263	1	664	8 104.0
337	8.764 988	130	8.765 725	130	1.234 275	9.999 263	0	663	9 117.0
338	8.765 118	130	8.765 855	130	1.234 145	9.999 263	0	662	
339	8.765 248	130	8.765 986	131	1.234 014	9.999 262	1	661	
.340	8.765 378	130	8.766 116	130	1.233 884	9.999 262	0	.660	129
341	8.765 508	130	8.766 246	130	1.233 754	9.999 261	1	659	1 12.9
342	8.765 638	130	8.766 377	131	1.233 623	9.999 261	0	658	2 25.8
343	8.765 767	129	8.766 507	130	1.233 493	9.999 260	1	657	3 38.7
344	8.765 897	130	8.766 637	130	1.233 363	9.999 260	0	656	4 51.6
345	8.766 027	130	8.766 767	130	1.233 233	9.999 259	1	655	5 64.5
346	8.766 156	129	8.766 897	130	1.233 103	9.999 259	0	654	6 77.4
347	8.766 286	130	8.767 027	130	1.232 973	9.999 259	1	653	7 90.3
348	8.766 416	130	8.767 158	131	1.232 842	9.999 258	0	652	8 103.2
349	8.766 545	129	8.767 288	130	1.232 712	9.999 258	1	651	9 116.1
.350	8.766 675	130	8.767 417	129	1.232 583	9.999 257	0	.650	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.350 — 3°.400

3°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.766 675		8.767 417		1.232 583	9.999 257		.650	
351	8.766 804	129	8.767 547	130	1.232 453	9.999 257	0	649	
352	8.766 934	130	8.767 677	130	1.232 323	9.999 256	1	648	
353	8.767 063	129	8.767 807	130	1.232 193	9.999 256	0	647	
		129		130			1		130
354	8.767 192	129	8.767 937	130	1.232 063	9.999 255	0	646	
355	8.767 322	130	8.768 067	130	1.231 933	9.999 255	0	645	1 13.0
356	8.767 451	129	8.768 196	129	1.231 804	9.999 255	0	644	2 26.0
		129		130			1		3 39.0
357	8.767 580	129	8.768 326	130	1.231 674	9.999 254	0	643	4 52.0
358	8.767 709	129	8.768 456	130	1.231 544	9.999 254	0	642	5 65.0
359	8.767 839	130	8.768 585	129	1.231 415	9.999 253	1	641	6 78.0
		129		130			0		7 91.0
.360	8.767 968	129	8.768 715	129	1.231 285	9.999 253	1	.640	8 104.0
		129		129			0		9 117.0
361	8.768 097	129	8.768 844	130	1.231 156	9.999 252	0	639	
362	8.768 226	129	8.768 974	130	1.231 026	9.999 252	0	638	
363	8.768 355	129	8.769 103	129	1.230 897	9.999 251	1	637	
		129		130			0		
364	8.768 484	129	8.769 233	129	1.230 767	9.999 251	0	636	
365	8.768 613	129	8.769 362	129	1.230 638	9.999 251	0	635	
366	8.768 742	129	8.769 492	130	1.230 508	9.999 250	1	634	129
		128		129			0		
367	8.768 870	129	8.769 621	129	1.230 379	9.999 250	1	633	1 12.9
368	8.768 999	129	8.769 750	129	1.230 250	9.999 249	1	632	2 25.8
369	8.769 128	129	8.769 879	129	1.230 121	9.999 249	0	631	3 38.7
		129		129			1		4 51.6
.370	8.769 257	129	8.770 008	129	1.229 992	9.999 248	1	.630	5 64.5
		129		130			0		6 77.4
371	8.769 386	128	8.770 138	129	1.229 862	9.999 248	1	629	7 90.3
372	8.769 514	129	8.770 267	129	1.229 733	9.999 247	0	628	8 103.2
373	8.769 643	128	8.770 396	129	1.229 604	9.999 247	0	627	9 116.1
		128		129			0		
374	8.769 771	129	8.770 525	129	1.229 475	9.999 247	1	626	
375	8.769 900	128	8.770 654	129	1.229 346	9.999 246	0	625	
376	8.770 028	128	8.770 783	129	1.229 217	9.999 246	0	624	
		129		129			1		
377	8.770 157	128	8.770 912	129	1.229 088	9.999 245	0	623	128
378	8.770 285	129	8.771 041	129	1.228 959	9.999 245	1	622	
379	8.770 414	128	8.771 169	128	1.228 831	9.999 244	1	621	1 12.8
		128		129			0		2 25.6
.380	8.770 542	128	8.771 298	129	1.228 702	9.999 244	1	.620	3 38.4
		128		129			0		4 51.2
381	8.770 670	129	8.771 427	129	1.228 573	9.999 243	0	619	5 64.0
382	8.770 799	128	8.771 556	128	1.228 444	9.999 243	0	618	6 76.8
383	8.770 927	128	8.771 684	129	1.228 316	9.999 243	1	617	7 89.6
		128		129			0		8 102.4
384	8.771 055	128	8.771 813	129	1.228 187	9.999 242	0	616	9 115.2
385	8.771 183	129	8.771 942	128	1.228 058	9.999 242	1	615	
386	8.771 312	128	8.772 070	129	1.227 930	9.999 241	0	614	
		128		129			0		
387	8.771 440	128	8.772 199	128	1.227 801	9.999 241	1	613	
388	8.771 568	128	8.772 327	129	1.227 673	9.999 240	0	612	
389	8.771 696	128	8.772 456	128	1.227 544	9.999 240	1	611	
		128		128			0		127
.390	8.771 824	128	8.772 584	129	1.227 416	9.999 239	1	.610	1 12.7
		128		129			0		2 25.4
391	8.771 952	127	8.772 713	128	1.227 287	9.999 239	1	609	3 38.1
392	8.772 079	128	8.772 841	128	1.227 159	9.999 238	0	608	4 50.8
393	8.772 207	128	8.772 969	128	1.227 031	9.999 238	0	607	5 63.5
		128		129			0		6 76.2
394	8.772 335	128	8.773 098	128	1.226 902	9.999 238	1	606	7 88.9
395	8.772 463	128	8.773 226	128	1.226 774	9.999 237	0	605	8 101.6
396	8.772 591	128	8.773 354	128	1.226 646	9.999 237	1	604	9 114.3
		127		128			0		
397	8.772 718	128	8.773 482	128	1.226 518	9.999 236	0	603	
398	8.772 846	128	8.773 610	128	1.226 390	9.999 236	1	602	
399	8.772 974	128	8.773 738	128	1.226 262	9.999 235	0	601	
		127		128			0		
.400	8.773 101	127	8.773 866		1.226 134	9.999 235		.600	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.400 — 3°.450

3°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.773 101		8.773 866		1.226 134	9.999 235		.600	
401	8.773 229	128	8.773 994	128	1.226 006	9.999 234	1	599	
402	8.773 356	127	8.774 122	128	1.225 878	9.999 234	0	598	
403	8.773 484	128	8.774 250	128	1.225 750	9.999 234	0	597	
							1		128
404	8.773 611	127	8.774 378	128	1.225 622	9.999 233	0	596	
405	8.773 739	128	8.774 506	128	1.225 494	9.999 233	1	595	1 12.8
406	8.773 866	127	8.774 634	128	1.225 366	9.999 232	0	594	2 25.6
							0		3 38.4
407	8.773 994	128	8.774 762	128	1.225 238	9.999 232	1	593	4 51.2
408	8.774 121	127	8.774 890	128	1.225 110	9.999 231	0	592	5 64.0
409	8.774 248	127	8.775 017	127	1.224 983	9.999 231	0	591	6 76.8
							1		7 89.6
.410	8.774 375	127	8.775 145	128	1.224 855	9.999 230	0	.590	8 102.4
							1		9 115.2
411	8.774 503	128	8.775 273	128	1.224 727	9.999 230	0	589	
412	8.774 630	127	8.775 400	127	1.224 600	9.999 229	1	588	
413	8.774 757	127	8.775 528	128	1.224 472	9.999 229	0	587	
							0		
414	8.774 884	127	8.775 655	127	1.224 345	9.999 229	1	586	
415	8.775 011	127	8.775 783	128	1.224 217	9.999 228	0	585	
416	8.775 138	127	8.775 910	127	1.224 090	9.999 228	0	584	127
							1		
417	8.775 265	127	8.776 038	128	1.223 962	9.999 227	0	583	1 12.7
418	8.775 392	127	8.776 165	127	1.223 835	9.999 227	1	582	2 25.4
419	8.775 519	127	8.776 292	127	1.223 708	9.999 226	0	581	3 38.1
							1		4 50.8
.420	8.775 646	127	8.776 420	128	1.223 580	9.999 226	0	.580	5 63.5
							1		6 76.2
421	8.775 772	126	8.776 547	127	1.223 453	9.999 225	0	579	7 88.9
422	8.775 899	127	8.776 674	127	1.223 326	9.999 225	0	578	8 101.6
423	8.776 026	127	8.776 801	127	1.223 199	9.999 225	0	577	9 114.3
							1		
424	8.776 153	127	8.776 929	128	1.223 071	9.999 224	0	576	
425	8.776 279	126	8.777 056	127	1.222 944	9.999 224	1	575	
426	8.776 406	127	8.777 183	127	1.222 817	9.999 223	0	574	
							1		
427	8.776 532	126	8.777 310	127	1.222 690	9.999 223	0	573	126
428	8.776 659	127	8.777 437	127	1.222 563	9.999 222	1	572	
429	8.776 786	127	8.777 564	127	1.222 436	9.999 222	0	571	1 12.6
							1		2 25.2
.430	8.776 912	126	8.777 691	127	1.222 309	9.999 221	0	.570	3 37.8
							1		4 50.4
431	8.777 038	126	8.777 818	127	1.222 182	9.999 221	0	569	5 63.0
432	8.777 165	127	8.777 944	126	1.222 056	9.999 220	1	568	6 75.6
433	8.777 291	126	8.778 071	127	1.221 929	9.999 220	0	567	7 88.2
							0		8 100.8
434	8.777 418	127	8.778 198	127	1.221 802	9.999 220	1	566	9 113.4
435	8.777 544	126	8.778 325	127	1.221 675	9.999 219	0	565	
436	8.777 670	126	8.778 452	127	1.221 548	9.999 219	1	564	
							0		
437	8.777 796	126	8.778 578	126	1.221 422	9.999 218	1	563	
438	8.777 923	127	8.778 705	127	1.221 295	9.999 218	0	562	
439	8.778 049	126	8.778 832	127	1.221 168	9.999 217	1	561	
							0		125
.440	8.778 175	126	8.778 958	126	1.221 042	9.999 217	1	.560	1 12.5
							0		2 25.0
441	8.778 301	126	8.779 085	127	1.220 915	9.999 216	1	559	3 37.5
442	8.778 427	126	8.779 211	126	1.220 789	9.999 216	0	558	4 50.0
443	8.778 553	126	8.779 338	127	1.220 662	9.999 215	1	557	5 62.5
							0		6 75.0
444	8.778 679	126	8.779 464	126	1.220 536	9.999 215	1	556	7 87.5
445	8.778 805	126	8.779 590	126	1.220 410	9.999 214	0	555	8 100.0
446	8.778 931	126	8.779 717	127	1.220 283	9.999 214	1	554	9 112.5
							0		
447	8.779 057	126	8.779 843	126	1.220 157	9.999 214	1	553	
448	8.779 182	125	8.779 969	126	1.220 031	9.999 213	0	552	
449	8.779 308	126	8.780 096	127	1.219 904	9.999 213	1	551	
							0		
.450	8.779 434	126	8.780 222	126	1.219 778	9.999 212	1	.550	
							0		
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.450 — 3°.500

3°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.779 434		8.780 222		1.219 778	9.999 212		.550	
451	8.779 560	126	8.780 348	126	1.219 652	9.999 212	0	549	
452	8.779 685	125	8.780 474	126	1.219 526	9.999 211	1	548	
453	8.779 811	126	8.780 600	126	1.219 400	9.999 211	0	547	
		126		126			1		
454	8.779 937	125	8.780 726	126	1.219 274	9.999 210	0	546	
455	8.780 062	126	8.780 852	126	1.219 148	9.999 210	1	545	
456	8.780 188	125	8.780 978	126	1.219 022	9.999 209	0	544	
		125		126			0		126
457	8.780 313	126	8.781 104	126	1.218 896	9.999 209	0	543	
458	8.780 439	125	8.781 230	126	1.218 770	9.999 209	1	542	1 12.6
459	8.780 564	125	8.781 356	126	1.218 644	9.999 208	0	541	2 25.2
		125		126			1		3 37.8
.460	8.780 689	126	8.781 482	126	1.218 518	9.999 208	0	.540	4 50.4
		126		126			1		5 63.0
461	8.780 815	125	8.781 608	125	1.218 392	9.999 207	0	539	6 75.6
462	8.780 940	125	8.781 733	126	1.218 267	9.999 207	1	538	7 88.2
463	8.781 065	126	8.781 859	126	1.218 141	9.999 206	0	537	8 100.8
		126		126			0		9 113.4
464	8.781 191	125	8.781 985	126	1.218 015	9.999 206	1	536	
465	8.781 316	125	8.782 111	125	1.217 889	9.999 205	0	535	
466	8.781 441	125	8.782 236	125	1.217 764	9.999 205	1	534	
		125		126			1		
467	8.781 566	125	8.782 362	125	1.217 638	9.999 204	0	533	
468	8.781 691	125	8.782 487	126	1.217 513	9.999 204	0	532	
469	8.781 816	125	8.782 613	125	1.217 387	9.999 204	1	531	
		125		126			0		
.470	8.781 941	125	8.782 738	126	1.217 262	9.999 203	1	.530	
		125		126			1		125
471	8.782 066	125	8.782 864	125	1.217 136	9.999 203	0	529	
472	8.782 191	125	8.782 989	126	1.217 011	9.999 202	1	528	
473	8.782 316	125	8.783 115	125	1.216 885	9.999 202	0	527	1 12.5
		125		125			1		2 25.0
474	8.782 441	125	8.783 240	125	1.216 760	9.999 201	0	526	3 37.5
475	8.782 566	125	8.783 365	125	1.216 635	9.999 201	1	525	4 50.0
476	8.782 691	124	8.783 490	126	1.216 510	9.999 200	0	524	5 62.5
		124		126			0		6 75.0
477	8.782 815	125	8.783 616	125	1.216 384	9.999 200	1	523	7 87.5
478	8.782 940	125	8.783 741	125	1.216 259	9.999 199	0	522	8 100.0
479	8.783 065	125	8.783 866	125	1.216 134	9.999 199	1	521	9 112.5
		125		125			0		
.480	8.783 190	124	8.783 991	125	1.216 009	9.999 198	1	.520	
		124		125			0		
481	8.783 314	125	8.784 116	125	1.215 884	9.999 198	0	519	
482	8.783 439	124	8.784 241	125	1.215 759	9.999 198	1	518	
483	8.783 563	125	8.784 366	125	1.215 634	9.999 197	0	517	
		125		125			0		
484	8.783 688	124	8.784 491	125	1.215 509	9.999 197	1	516	
485	8.783 812	125	8.784 616	125	1.215 384	9.999 196	0	515	
486	8.783 937	124	8.784 741	125	1.215 259	9.999 196	1	514	124
		124		125			0		
487	8.784 061	125	8.784 866	125	1.215 134	9.999 195	1	513	1 12.4
488	8.784 186	124	8.784 991	125	1.215 009	9.999 195	0	512	2 24.8
489	8.784 310	124	8.785 116	125	1.214 884	9.999 194	1	511	3 37.2
		124		124			0		4 49.6
.490	8.784 434	124	8.785 240	125	1.214 760	9.999 194	1	.510	5 62.0
		124		125			0		6 74.4
491	8.784 558	125	8.785 365	125	1.214 635	9.999 193	1	509	7 86.8
492	8.784 683	124	8.785 490	124	1.214 510	9.999 193	0	508	8 99.2
493	8.784 807	124	8.785 614	125	1.214 386	9.999 192	1	507	9 111.6
		124		125			0		
494	8.784 931	124	8.785 739	125	1.214 261	9.999 192	0	506	
495	8.785 055	124	8.785 864	124	1.214 136	9.999 192	1	505	
496	8.785 179	124	8.785 988	125	1.214 012	9.999 191	0	504	
		124		125			0		
497	8.785 303	124	8.786 113	124	1.213 887	9.999 191	1	503	
498	8.785 427	124	8.786 237	125	1.213 763	9.999 190	0	502	
499	8.785 551	124	8.786 362	124	1.213 638	9.999 190	1	501	
		124		124			0		
.500	8.785 675	124	8.786 486	124	1.213 514	9.999 189	1	.500	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.500 — 3°.550

3°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.785 675		8.786 486		1.213 514	9.999 189		.500	
501	8.785 799	124	8.786 610	124	1.213 390	9.999 189	0	499	
502	8.785 923	124	8.786 735	125	1.213 265	9.999 188	1	498	
503	8.786 047	124	8.786 859	124	1.213 141	9.999 188	0	497	
504	8.786 171	124	8.786 983	124	1.213 017	9.999 187	1	496	125
505	8.786 294	123	8.787 108	125	1.212 892	9.999 187	0	495	1 12.5
506	8.786 418	124	8.787 232	124	1.212 768	9.999 186	1	494	2 25.0
507	8.786 542	124	8.787 356	124	1.212 644	9.999 186	0	493	3 37.5
508	8.786 666	124	8.787 480	124	1.212 520	9.999 185	1	492	4 50.0
509	8.786 789	123	8.787 604	124	1.212 396	9.999 185	0	491	5 62.5
.510	8.786 913	124	8.787 728	124	1.212 272	9.999 185	0	.490	6 75.0
511	8.787 036	123	8.787 852	124	1.212 148	9.999 184	1	489	7 87.5
512	8.787 160	124	8.787 976	124	1.212 024	9.999 184	0	488	8 100.0
513	8.787 283	123	8.788 100	124	1.211 900	9.999 183	1	487	9 112.5
514	8.787 407	124	8.788 224	124	1.211 776	9.999 183	0	486	
515	8.787 530	123	8.788 348	124	1.211 652	9.999 182	1	485	
516	8.787 654	124	8.788 472	124	1.211 528	9.999 182	0	484	124
517	8.787 777	123	8.788 596	124	1.211 404	9.999 181	1	483	1 12.4
518	8.787 900	123	8.788 719	123	1.211 281	9.999 181	0	482	2 24.8
519	8.788 024	124	8.788 843	124	1.211 157	9.999 180	1	481	3 37.2
.520	8.788 147	123	8.788 967	124	1.211 033	9.999 180	0	.480	4 49.6
521	8.788 270	123	8.789 091	124	1.210 909	9.999 179	1	479	5 62.0
522	8.788 393	123	8.789 214	123	1.210 786	9.999 179	0	478	6 74.4
523	8.788 516	123	8.789 338	124	1.210 662	9.999 178	1	477	7 86.8
524	8.788 639	123	8.789 461	123	1.210 539	9.999 178	0	476	8 99.2
525	8.788 762	123	8.789 585	124	1.210 415	9.999 178	1	475	9 111.6
526	8.788 886	124	8.789 708	123	1.210 292	9.999 177	0	474	
527	8.789 009	123	8.789 832	124	1.210 168	9.999 177	1	473	123
528	8.789 131	122	8.789 955	123	1.210 045	9.999 176	0	472	1 12.3
529	8.789 254	123	8.790 079	124	1.209 921	9.999 176	1	471	2 24.6
.530	8.789 377	123	8.790 202	123	1.209 798	9.999 175	0	.470	3 36.9
531	8.789 500	123	8.790 325	123	1.209 675	9.999 175	1	469	4 49.2
532	8.789 623	123	8.790 449	124	1.209 551	9.999 174	0	468	5 61.5
533	8.789 746	123	8.790 572	123	1.209 428	9.999 174	1	467	6 73.8
534	8.789 869	123	8.790 695	123	1.209 305	9.999 173	0	466	7 86.1
535	8.789 991	122	8.790 818	123	1.209 182	9.999 173	1	465	8 98.4
536	8.790 114	123	8.790 941	123	1.209 059	9.999 172	0	464	9 110.7
537	8.790 237	123	8.791 065	124	1.208 935	9.999 172	1	463	
538	8.790 359	122	8.791 188	123	1.208 812	9.999 171	0	462	
539	8.790 482	123	8.791 311	123	1.208 689	9.999 171	1	461	122
.540	8.790 604	122	8.791 434	123	1.208 566	9.999 171	0	.460	1 12.2
541	8.790 727	123	8.791 557	123	1.208 443	9.999 170	1	459	2 24.4
542	8.790 849	122	8.791 680	123	1.208 320	9.999 170	0	458	3 36.6
543	8.790 972	123	8.791 803	123	1.208 197	9.999 169	1	457	4 48.8
544	8.791 094	122	8.791 925	122	1.208 075	9.999 169	0	456	5 61.0
545	8.791 216	122	8.792 048	123	1.207 952	9.999 168	1	455	6 73.2
546	8.791 339	123	8.792 171	123	1.207 829	9.999 168	0	454	7 85.4
547	8.791 461	122	8.792 294	123	1.207 706	9.999 167	1	453	8 97.6
548	8.791 583	122	8.792 417	123	1.207 583	9.999 167	0	452	9 109.8
549	8.791 706	123	8.792 539	122	1.207 461	9.999 166	1	451	
.550	8.791 828	122	8.792 662	123	1.207 338	9.999 166	0	.450	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.550 — 3°.600

3°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.791 828		8.792 662		1.207 338	9.999 166		.450	
551	8.791 950	122	8.792 785	123	1.207 215	9.999 165	1	449	
552	8.792 072	122	8.792 907	122	1.207 093	9.999 165	0	448	
553	8.792 194	122	8.793 030	123	1.206 970	9.999 164	1	447	
		122		122			0		123
554	8.792 316	122	8.793 152	122	1.206 848	9.999 164	0	446	
555	8.792 438	122	8.793 275	123	1.206 725	9.999 163	1	445	1 12.3
556	8.792 560	122	8.793 397	122	1.206 603	9.999 163	0	444	2 24.6
		122		123			0		3 36.9
557	8.792 682	122	8.793 520	122	1.206 480	9.999 163	1	443	4 49.2
558	8.792 804	122	8.793 642	122	1.206 358	9.999 162	0	442	5 61.5
559	8.792 926	122	8.793 764	122	1.206 236	9.999 162	0	441	6 73.8
		122		123			1		7 86.1
.560	8.793 048	122	8.793 887	122	1.206 113	9.999 161	0	.440	8 98.4
		122		122			1		9 110.7
561	8.793 170	121	8.794 009	122	1.205 991	9.999 161	1	439	
562	8.793 291	122	8.794 131	122	1.205 869	9.999 160	0	438	
563	8.793 413	122	8.794 254	123	1.205 746	9.999 160	0	437	
		122		122			1		122
564	8.793 535	122	8.794 376	122	1.205 624	9.999 159	0	436	
565	8.793 657	122	8.794 498	122	1.205 502	9.999 159	1	435	
566	8.793 778	121	8.794 620	122	1.205 380	9.999 158	0	434	
		122		122			1		1 12.2
567	8.793 900	122	8.794 742	122	1.205 258	9.999 158	0	433	2 24.4
568	8.794 021	121	8.794 864	122	1.205 136	9.999 157	1	432	3 36.6
569	8.794 143	122	8.794 986	122	1.205 014	9.999 157	0	431	4 48.8
		122		122			1		5 61.0
.570	8.794 265	121	8.795 108	122	1.204 892	9.999 156	0	.430	6 73.2
		121		122			1		7 85.4
571	8.794 386	121	8.795 230	122	1.204 770	9.999 156	0	429	8 97.6
572	8.794 507	122	8.795 352	122	1.204 648	9.999 155	1	428	9 109.8
573	8.794 629	122	8.795 474	122	1.204 526	9.999 155	0	427	
		121		122			0		
574	8.794 750	122	8.795 596	122	1.204 404	9.999 155	1	426	
575	8.794 872	121	8.795 718	122	1.204 282	9.999 154	0	425	
576	8.794 993	121	8.795 839	121	1.204 161	9.999 154	1	424	
		121		122			0		
577	8.795 114	121	8.795 961	122	1.204 039	9.999 153	1	423	121
578	8.795 235	121	8.796 083	122	1.203 917	9.999 153	0	422	
579	8.795 357	122	8.796 204	121	1.203 796	9.999 152	1	421	
		121		122			0		
.580	8.795 478	121	8.796 326	122	1.203 674	9.999 152	1	.420	
		121		122			0		
581	8.795 599	121	8.796 448	121	1.203 552	9.999 151	1	419	
582	8.795 720	121	8.796 569	122	1.203 431	9.999 151	0	418	
583	8.795 841	121	8.796 691	121	1.203 309	9.999 150	1	417	
		121		121			0		
584	8.795 962	121	8.796 812	122	1.203 188	9.999 150	1	416	
585	8.796 083	121	8.796 934	121	1.203 066	9.999 149	0	415	
586	8.796 204	121	8.797 055	122	1.202 945	9.999 149	1	414	
		121		122			0		
587	8.796 325	121	8.797 177	121	1.202 823	9.999 148	1	413	
588	8.796 446	121	8.797 298	121	1.202 702	9.999 148	0	412	
589	8.796 567	121	8.797 419	121	1.202 581	9.999 147	1	411	
		121		122			0		120
.590	8.796 688	120	8.797 541	121	1.202 459	9.999 147	1	.410	
		121		121			0		
591	8.796 808	121	8.797 662	121	1.202 338	9.999 146	1	409	
592	8.796 929	121	8.797 783	121	1.202 217	9.999 146	0	408	
593	8.797 050	121	8.797 904	121	1.202 096	9.999 146	0	407	
		121		122			1		
594	8.797 171	120	8.798 026	121	1.201 974	9.999 145	0	406	
595	8.797 291	121	8.798 147	121	1.201 853	9.999 145	1	405	
596	8.797 412	121	8.798 268	121	1.201 732	9.999 144	0	404	
		120		121			1		
597	8.797 532	121	8.798 389	121	1.201 611	9.999 144	0	403	
598	8.797 653	121	8.798 510	121	1.201 490	9.999 143	1	402	
599	8.797 774	121	8.798 631	121	1.201 369	9.999 143	0	401	
		120		121			1		
.600	8.797 894	120	8.798 752	121	1.201 248	9.999 142	0	.400	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.600 — 3°.650

3°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.797 894		8.798 752		1.201 248	9.999 142		.400	
601	8.798 015	121	8.798 873	121	1.201 127	9.999 142	0	399	
602	8.798 135	120	8.798 994	121	1.201 006	9.999 141	1	398	
603	8.798 255	120	8.799 115	121	1.200 885	9.999 141	0	397	
604	8.798 376	121	8.799 235	120	1.200 765	9.999 140	1	396	121
605	8.798 496	120	8.799 356	121	1.200 644	9.999 140	0	395	1 12.1
606	8.798 616	120	8.799 477	121	1.200 523	9.999 139	1	394	2 24.2
607	8.798 737	121	8.799 598	121	1.200 402	9.999 139	0	393	3 36.3
608	8.798 857	120	8.799 718	120	1.200 282	9.999 138	1	392	4 48.4
609	8.798 977	120	8.799 839	121	1.200 161	9.999 138	0	391	5 60.5
.610	8.799 097	120	8.799 960	121	1.200 040	9.999 137	1	.390	6 72.6
611	8.799 217	120	8.800 080	120	1.199 920	9.999 137	0	389	7 84.7
612	8.799 337	120	8.800 201	121	1.199 799	9.999 136	1	388	8 96.8
613	8.799 457	120	8.800 322	121	1.199 678	9.999 136	0	387	9 108.9
614	8.799 577	120	8.800 442	120	1.199 558	9.999 135	1	386	
615	8.799 697	120	8.800 562	120	1.199 438	9.999 135	0	385	
616	8.799 817	120	8.800 683	121	1.199 317	9.999 135	0	384	120
617	8.799 937	120	8.800 803	120	1.199 197	9.999 134	1	383	1 12.0
618	8.800 057	120	8.800 924	121	1.199 076	9.999 134	0	382	2 24.0
619	8.800 177	120	8.801 044	120	1.198 956	9.999 133	1	381	3 36.0
.620	8.800 297	120	8.801 164	120	1.198 836	9.999 133	0	.380	4 48.0
621	8.800 417	120	8.801 285	121	1.198 715	9.999 132	1	379	5 60.0
622	8.800 537	120	8.801 405	120	1.198 595	9.999 132	0	378	6 72.0
623	8.800 656	119	8.801 525	120	1.198 475	9.999 131	1	377	7 84.0
624	8.800 776	120	8.801 645	120	1.198 355	9.999 131	0	376	8 96.0
625	8.800 896	120	8.801 765	120	1.198 235	9.999 130	1	375	9 108.0
626	8.801 015	119	8.801 886	121	1.198 114	9.999 130	0	374	
627	8.801 135	120	8.802 006	120	1.197 994	9.999 129	1	373	
628	8.801 254	119	8.802 126	120	1.197 874	9.999 129	0	372	119
629	8.801 374	120	8.802 246	120	1.197 754	9.999 128	1	371	1 11.9
.630	8.801 493	119	8.802 366	120	1.197 634	9.999 128	0	.370	2 23.8
631	8.801 613	120	8.802 486	120	1.197 514	9.999 127	1	369	3 35.7
632	8.801 732	119	8.802 605	119	1.197 395	9.999 127	0	368	4 47.6
633	8.801 852	120	8.802 725	120	1.197 275	9.999 126	1	367	5 59.5
634	8.801 971	119	8.802 845	120	1.197 155	9.999 126	0	366	6 71.4
635	8.802 090	119	8.802 965	120	1.197 035	9.999 125	1	365	7 83.3
636	8.802 210	120	8.803 085	120	1.196 915	9.999 125	0	364	8 95.2
637	8.802 329	119	8.803 205	120	1.196 795	9.999 124	1	363	9 107.1
638	8.802 448	119	8.803 324	119	1.196 676	9.999 124	0	362	
639	8.802 567	119	8.803 444	120	1.196 556	9.999 123	1	361	
.640	8.802 687	120	8.803 564	120	1.196 436	9.999 123	0	.360	118
641	8.802 806	119	8.803 683	119	1.196 317	9.999 123	1	359	1 11.8
642	8.802 925	119	8.803 803	120	1.196 197	9.999 122	0	358	2 23.6
643	8.803 044	119	8.803 922	119	1.196 078	9.999 122	1	357	3 35.4
644	8.803 163	119	8.804 042	120	1.195 958	9.999 121	0	356	4 47.2
645	8.803 282	119	8.804 161	119	1.195 839	9.999 121	1	355	5 59.0
646	8.803 401	119	8.804 281	120	1.195 719	9.999 120	0	354	6 70.8
647	8.803 520	119	8.804 400	119	1.195 600	9.999 120	1	353	7 82.6
648	8.803 639	119	8.804 520	120	1.195 480	9.999 119	0	352	8 94.4
649	8.803 758	118	8.804 639	119	1.195 361	9.999 119	1	351	9 106.2
.650	8.803 876		8.804 758		1.195 242	9.999 118		.350	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.650 — 3°.700

3°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.803 876		8.804 758		1.195 242	9.999 118		.350	
651	8.803 995	119	8.804 878	120	1.195 122	9.999 118	0	349	
652	8.804 114	119	8.804 997	119	1.195 003	9.999 117	1	348	
653	8.804 233	119	8.805 116	119	1.194 884	9.999 117	0	347	
654	8.804 351	118	8.805 235	119	1.194 765	9.999 116	1	346	120
655	8.804 470	119	8.805 354	119	1.194 646	9.999 116	0	345	1 12.0
656	8.804 589	119	8.805 474	120	1.194 526	9.999 115	1	344	2 24.0
657	8.804 707	118	8.805 593	119	1.194 407	9.999 115	0	343	3 36.0
658	8.804 826	119	8.805 712	119	1.194 288	9.999 114	1	342	4 48.0
659	8.804 945	119	8.805 831	119	1.194 169	9.999 114	0	341	5 60.0
.660	8.805 063	118	8.805 950	119	1.194 050	9.999 113	1	.340	6 72.0
661	8.805 182	119	8.806 069	119	1.193 931	9.999 113	0	339	7 84.0
662	8.805 300	118	8.806 188	119	1.193 812	9.999 112	1	338	8 96.0
663	8.805 418	118	8.806 307	119	1.193 693	9.999 112	0	337	9 108.0
664	8.805 537	119	8.806 425	118	1.193 575	9.999 111	1	336	
665	8.805 655	118	8.806 544	119	1.193 456	9.999 111	0	335	
666	8.805 773	118	8.806 663	119	1.193 337	9.999 110	1	334	119
667	8.805 892	119	8.806 782	119	1.193 218	9.999 110	0	333	1 11.9
668	8.806 010	118	8.806 901	119	1.193 099	9.999 109	1	332	2 23.8
669	8.806 128	118	8.807 019	118	1.192 981	9.999 109	0	331	3 35.7
.670	8.806 246	118	8.807 138	119	1.192 862	9.999 108	1	.330	4 47.6
671	8.806 365	119	8.807 257	119	1.192 743	9.999 108	0	329	5 59.5
672	8.806 483	118	8.807 375	118	1.192 625	9.999 107	1	328	6 71.4
673	8.806 601	118	8.807 494	119	1.192 506	9.999 107	0	327	7 83.3
674	8.806 719	118	8.807 612	118	1.192 388	9.999 107	1	326	8 95.2
675	8.806 837	118	8.807 731	119	1.192 269	9.999 106	0	325	9 107.1
676	8.806 955	118	8.807 849	118	1.192 151	9.999 106	1	324	
677	8.807 073	118	8.807 968	119	1.192 032	9.999 105	0	323	118
678	8.807 191	118	8.808 086	118	1.191 914	9.999 105	1	322	1 11.8
679	8.807 309	118	8.808 205	119	1.191 795	9.999 104	0	321	2 23.6
.680	8.807 427	118	8.808 323	118	1.191 677	9.999 104	1	.320	3 35.4
681	8.807 544	117	8.808 441	118	1.191 559	9.999 103	0	319	4 47.2
682	8.807 662	118	8.808 560	119	1.191 440	9.999 103	1	318	5 59.0
683	8.807 780	118	8.808 678	118	1.191 322	9.999 102	0	317	6 70.8
684	8.807 898	118	8.808 796	118	1.191 204	9.999 102	1	316	7 82.6
685	8.808 015	117	8.808 914	118	1.191 086	9.999 101	0	315	8 94.4
686	8.808 133	118	8.809 032	118	1.190 968	9.999 101	1	314	9 106.2
687	8.808 251	118	8.809 151	119	1.190 849	9.999 100	0	313	
688	8.808 368	117	8.809 269	118	1.190 731	9.999 100	1	312	
689	8.808 486	118	8.809 387	118	1.190 613	9.999 099	0	311	117
.690	8.808 603	117	8.809 505	118	1.190 495	9.999 099	1	.310	1 11.7
691	8.808 721	118	8.809 623	118	1.190 377	9.999 098	0	309	2 23.4
692	8.808 838	117	8.809 741	118	1.190 259	9.999 098	1	308	3 35.1
693	8.808 956	118	8.809 859	118	1.190 141	9.999 097	0	307	4 46.8
694	8.809 073	117	8.809 977	118	1.190 023	9.999 097	1	306	5 58.5
695	8.809 191	118	8.810 094	117	1.189 906	9.999 096	0	305	6 70.2
696	8.809 308	117	8.810 212	118	1.189 788	9.999 096	1	304	7 81.9
697	8.809 425	117	8.810 330	118	1.189 670	9.999 095	0	303	8 93.6
698	8.809 543	118	8.810 448	118	1.189 552	9.999 095	1	302	9 105.3
699	8.809 660	117	8.810 566	118	1.189 434	9.999 094	0	301	
.700	8.809 777	117	8.810 683	117	1.189 317	9.999 094	1	.300	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.700 — 3°.750

3°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.809 777		8.810 683		1.189 317	9.999 094		.300	
701	8.809 894	117	8.810 801	118	1.189 199	9.999 093	1	299	
702	8.810 012	118	8.810 919	118	1.189 081	9.999 093	0	298	
703	8.810 129	117	8.811 036	117	1.188 964	9.999 092	1	297	
704	8.810 246	117	8.811 154	118	1.188 846	9.999 092	0	296	118
705	8.810 363	117	8.811 272	118	1.188 728	9.999 091	1	295	1 11.8
706	8.810 480	117	8.811 389	117	1.188 611	9.999 091	0	294	2 23.6
707	8.810 597	117	8.811 507	118	1.188 493	9.999 090	1	293	3 35.4
708	8.810 714	117	8.811 624	117	1.188 376	9.999 090	0	292	4 47.2
709	8.810 831	117	8.811 741	117	1.188 259	9.999 089	1	291	5 59.0
.710	8.810 948	117	8.811 859	118	1.188 141	9.999 089	0	.290	6 70.8
711	8.811 065	117	8.811 976	117	1.188 024	9.999 088	1	289	7 82.6
712	8.811 181	116	8.812 094	118	1.187 906	9.999 088	0	288	8 94.4
713	8.811 298	117	8.812 211	117	1.187 789	9.999 087	1	287	9 106.2
714	8.811 415	117	8.812 328	117	1.187 672	9.999 087	0	286	
715	8.811 532	117	8.812 445	117	1.187 555	9.999 086	1	285	
716	8.811 649	117	8.812 563	118	1.187 437	9.999 086	0	284	117
717	8.811 765	116	8.812 680	117	1.187 320	9.999 085	1	283	1 11.7
718	8.811 882	117	8.812 797	117	1.187 203	9.999 085	0	282	2 23.4
719	8.811 999	117	8.812 914	117	1.187 086	9.999 084	1	281	3 35.1
.720	8.812 115	116	8.813 031	117	1.186 969	9.999 084	0	.280	4 46.8
721	8.812 232	117	8.813 148	117	1.186 852	9.999 083	1	279	5 58.5
722	8.812 348	116	8.813 265	117	1.186 735	9.999 083	0	278	6 70.2
723	8.812 465	117	8.813 382	117	1.186 618	9.999 083	0	277	7 81.9
724	8.812 581	116	8.813 499	117	1.186 501	9.999 082	1	276	8 93.6
725	8.812 698	117	8.813 616	117	1.186 384	9.999 082	0	275	9 105.3
726	8.812 814	116	8.813 733	117	1.186 267	9.999 081	1	274	
727	8.812 930	116	8.813 850	117	1.186 150	9.999 081	0	273	116
728	8.813 047	117	8.813 967	117	1.186 033	9.999 080	1	272	
729	8.813 163	116	8.814 084	117	1.185 916	9.999 080	0	271	1 11.6
.730	8.813 279	116	8.814 200	116	1.185 800	9.999 079	1	.270	2 23.2
731	8.813 396	117	8.814 317	117	1.185 683	9.999 079	0	269	3 34.8
732	8.813 512	116	8.814 434	117	1.185 566	9.999 078	1	268	4 46.4
733	8.813 628	116	8.814 550	116	1.185 450	9.999 078	0	267	5 58.0
734	8.813 744	116	8.814 667	117	1.185 333	9.999 077	1	266	6 69.6
735	8.813 860	116	8.814 784	116	1.185 216	9.999 077	0	265	7 81.2
736	8.813 976	116	8.814 900	116	1.185 100	9.999 076	1	264	8 92.8
737	8.814 093	117	8.815 017	117	1.184 983	9.999 076	0	263	9 104.4
738	8.814 209	116	8.815 133	116	1.184 867	9.999 075	1	262	
739	8.814 325	116	8.815 250	117	1.184 750	9.999 075	0	261	
.740	8.814 441	116	8.815 366	116	1.184 634	9.999 074	1	.260	115
741	8.814 556	115	8.815 483	117	1.184 517	9.999 074	0	259	1 11.5
742	8.814 672	116	8.815 599	116	1.184 401	9.999 073	1	258	2 23.0
743	8.814 788	116	8.815 716	117	1.184 284	9.999 073	0	257	3 34.5
744	8.814 904	116	8.815 832	116	1.184 168	9.999 072	1	256	4 46.0
745	8.815 020	116	8.815 948	116	1.184 052	9.999 072	0	255	5 57.5
746	8.815 136	116	8.816 065	117	1.183 935	9.999 071	1	254	6 69.0
747	8.815 251	115	8.816 181	116	1.183 819	9.999 071	0	253	7 80.5
748	8.815 367	116	8.816 297	116	1.183 703	9.999 070	1	252	8 92.0
749	8.815 483	116	8.816 413	116	1.183 587	9.999 070	0	251	9 103.5
.750	8.815 599	116	8.816 529	116	1.183 471	9.999 069	1	.250	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.750 — 3°.800

3°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.815 599		8.816 529		1.183 471	9.999 069		.250	
751	8.815 714	115	8.816 646	117	1.183 354	9.999 069	0	249	
752	8.815 830	116	8.816 762	116	1.183 238	9.999 068	1	248	
753	8.815 945	115	8.816 878	116	1.183 122	9.999 068	0	247	
754	8.816 061	116	8.816 994	116	1.183 006	9.999 067	1	246	117
755	8.816 176	115	8.817 110	116	1.182 890	9.999 067	0	245	1 11.7
756	8.816 292	116	8.817 226	116	1.182 774	9.999 066	1	244	2 23.4
757	8.816 407	115	8.817 342	116	1.182 658	9.999 066	0	243	3 35.1
758	8.816 523	116	8.817 458	116	1.182 542	9.999 065	1	242	4 46.8
759	8.816 638	115	8.817 573	115	1.182 427	9.999 065	0	241	5 58.5
.760	8.816 753	115	8.817 689	116	1.182 311	9.999 064	1	.240	6 70.2
761	8.816 869	116	8.817 805	116	1.182 195	9.999 064	0	239	7 81.9
762	8.816 984	115	8.817 921	116	1.182 079	9.999 063	1	238	8 93.6
763	8.817 099	115	8.818 037	116	1.181 963	9.999 063	0	237	9 105.3
764	8.817 215	116	8.818 152	115	1.181 848	9.999 062	1	236	
765	8.817 330	115	8.818 268	116	1.181 732	9.999 062	0	235	
766	8.817 445	115	8.818 384	116	1.181 616	9.999 061	1	234	116
767	8.817 560	115	8.818 499	115	1.181 501	9.999 061	0	233	1 11.6
768	8.817 675	115	8.818 615	116	1.181 385	9.999 060	1	232	2 23.2
769	8.817 790	115	8.818 731	116	1.181 269	9.999 060	0	231	3 34.8
.770	8.817 905	115	8.818 846	115	1.181 154	9.999 059	1	.230	4 46.4
771	8.818 020	115	8.818 962	116	1.181 038	9.999 059	0	229	5 58.0
772	8.818 135	115	8.819 077	115	1.180 923	9.999 058	1	228	6 69.6
773	8.818 250	115	8.819 193	116	1.180 807	9.999 058	0	227	7 81.2
774	8.818 365	115	8.819 308	115	1.180 692	9.999 057	1	226	8 92.8
775	8.818 480	115	8.819 423	115	1.180 577	9.999 057	0	225	9 104.4
776	8.818 595	115	8.819 539	116	1.180 461	9.999 056	1	224	
777	8.818 710	115	8.819 654	115	1.180 346	9.999 056	0	223	
778	8.818 825	115	8.819 769	115	1.180 231	9.999 055	1	222	115
779	8.818 939	114	8.819 885	116	1.180 115	9.999 055	0	221	1 11.5
.780	8.819 054	115	8.820 000	115	1.180 000	9.999 054	1	.220	2 23.0
781	8.819 169	115	8.820 115	115	1.179 885	9.999 054	0	219	3 34.5
782	8.819 283	114	8.820 230	115	1.179 770	9.999 053	1	218	4 46.0
783	8.819 398	115	8.820 345	115	1.179 655	9.999 053	0	217	5 57.5
784	8.819 513	115	8.820 461	116	1.179 539	9.999 052	1	216	6 69.0
785	8.819 627	114	8.820 576	115	1.179 424	9.999 052	0	215	7 80.5
786	8.819 742	115	8.820 691	115	1.179 309	9.999 051	1	214	8 92.0
787	8.819 856	114	8.820 806	115	1.179 194	9.999 051	0	213	9 103.5
788	8.819 971	115	8.820 921	115	1.179 079	9.999 050	1	212	
789	8.820 085	114	8.821 036	115	1.178 964	9.999 050	0	211	
.790	8.820 200	115	8.821 151	115	1.178 849	9.999 049	1	.210	114
791	8.820 314	114	8.821 266	115	1.178 734	9.999 049	0	209	1 11.4
792	8.820 429	115	8.821 380	114	1.178 620	9.999 048	1	208	2 22.8
793	8.820 543	114	8.821 495	115	1.178 505	9.999 048	0	207	3 34.2
794	8.820 657	114	8.821 610	115	1.178 390	9.999 047	1	206	4 45.6
795	8.820 772	115	8.821 725	115	1.178 275	9.999 047	0	205	5 57.0
796	8.820 886	114	8.821 840	115	1.178 160	9.999 046	1	204	6 68.4
797	8.821 000	114	8.821 954	114	1.178 046	9.999 046	0	203	7 79.8
798	8.821 114	114	8.822 069	115	1.177 931	9.999 045	1	202	8 91.2
799	8.821 228	114	8.822 184	115	1.177 816	9.999 045	0	201	9 102.6
.800	8.821 343	115	8.822 298	114	1.177 702	9.999 044	1	.200	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.800 — 3°.850

3°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.821 343		8.822 298		1.177 702	9.999 044		.200	
801	8.821 457	114	8.822 413	115	1.177 587	9.999 044	0	199	
802	8.821 571	114	8.822 528	115	1.177 472	9.999 043	1	198	
803	8.821 685	114	8.822 642	114	1.177 358	9.999 043	0	197	
804	8.821 799	114	8.822 757	115	1.177 243	9.999 042	1	196	115
805	8.821 913	114	8.822 871	114	1.177 129	9.999 042	0	195	1 11.5
806	8.822 027	114	8.822 986	115	1.177 014	9.999 041	1	194	2 23.0
807	8.822 141	114	8.823 100	114	1.176 900	9.999 041	0	193	3 34.5
808	8.822 255	114	8.823 214	114	1.176 786	9.999 040	1	192	4 46.0
809	8.822 368	113	8.823 329	115	1.176 671	9.999 040	0	191	5 57.5
.810	8.822 482	114	8.823 443	114	1.176 557	9.999 039	1	.190	6 69.0
811	8.822 596	114	8.823 557	114	1.176 443	9.999 039	0	189	7 80.5
812	8.822 710	114	8.823 672	115	1.176 328	9.999 038	1	188	8 92.0
813	8.822 824	114	8.823 786	114	1.176 214	9.999 038	0	187	9 103.5
814	8.822 937	113	8.823 900	114	1.176 100	9.999 037	1	186	
815	8.823 051	114	8.824 014	114	1.175 986	9.999 037	0	185	
816	8.823 165	114	8.824 129	115	1.175 871	9.999 036	1	184	114
817	8.823 278	113	8.824 243	114	1.175 757	9.999 036	0	183	1 11.4
818	8.823 392	114	8.824 357	114	1.175 643	9.999 035	1	182	2 22.8
819	8.823 505	113	8.824 471	114	1.175 529	9.999 035	0	181	3 34.2
.820	8.823 619	114	8.824 585	114	1.175 415	9.999 034	1	.180	4 45.6
821	8.823 732	113	8.824 699	114	1.175 301	9.999 034	0	179	5 57.0
822	8.823 846	114	8.824 813	114	1.175 187	9.999 033	1	178	6 68.4
823	8.823 959	113	8.824 927	114	1.175 073	9.999 033	0	177	7 79.8
824	8.824 073	114	8.825 041	114	1.174 959	9.999 032	1	176	8 91.2
825	8.824 186	113	8.825 155	114	1.174 845	9.999 032	0	175	9 102.6
826	8.824 300	114	8.825 269	114	1.174 731	9.999 031	1	174	
827	8.824 413	113	8.825 382	113	1.174 618	9.999 030	0	173	113
828	8.824 526	113	8.825 496	114	1.174 504	9.999 030	1	172	1 11.3
829	8.824 639	113	8.825 610	114	1.174 390	9.999 029	0	171	2 22.6
.830	8.824 753	114	8.825 724	114	1.174 276	9.999 029	1	.170	3 33.9
831	8.824 866	113	8.825 837	113	1.174 163	9.999 028	0	169	4 45.2
832	8.824 979	113	8.825 951	114	1.174 049	9.999 028	1	168	5 56.5
833	8.825 092	113	8.826 065	114	1.173 935	9.999 027	0	167	6 67.8
834	8.825 205	113	8.826 178	113	1.173 822	9.999 027	1	166	7 79.1
835	8.825 318	113	8.826 292	114	1.173 708	9.999 026	0	165	8 90.4
836	8.825 431	113	8.826 406	114	1.173 594	9.999 026	1	164	9 101.7
837	8.825 545	114	8.826 519	113	1.173 481	9.999 025	0	163	
838	8.825 658	113	8.826 633	114	1.173 367	9.999 025	1	162	
839	8.825 770	112	8.826 746	113	1.173 254	9.999 024	0	161	112
.840	8.825 883	113	8.826 860	114	1.173 140	9.999 024	1	.160	1 11.2
841	8.825 996	113	8.826 973	113	1.173 027	9.999 023	0	159	2 22.4
842	8.826 109	113	8.827 086	113	1.172 914	9.999 023	1	158	3 33.6
843	8.826 222	113	8.827 200	114	1.172 800	9.999 022	0	157	4 44.8
844	8.826 335	113	8.827 313	113	1.172 687	9.999 022	1	156	5 56.0
845	8.826 448	113	8.827 426	113	1.172 574	9.999 021	0	155	6 67.2
846	8.826 560	112	8.827 540	114	1.172 460	9.999 021	1	154	7 78.4
847	8.826 673	113	8.827 653	113	1.172 347	9.999 020	0	153	8 89.6
848	8.826 786	113	8.827 766	113	1.172 234	9.999 020	1	152	9 100.8
849	8.826 899	113	8.827 879	113	1.172 121	9.999 019	0	151	
.850	8.827 011	112	8.827 992	113	1.172 008	9.999 019	1	.150	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.850 — 3°.900

3°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.827 011		8.827 992		1.172 008	9.999 019		.150	
851	8.827 124	113	8.828 106	114	1.171 894	9.999 018	1	149	
852	8.827 236	112	8.828 219	113	1.171 781	9.999 018	0	148	
853	8.827 349	113	8.828 332	113	1.171 668	9.999 017	1	147	
854	8.827 462	113	8.828 445	113	1.171 555	9.999 017	0	146	114
855	8.827 574	112	8.828 558	113	1.171 442	9.999 016	1	145	1 11.4
856	8.827 687	113	8.828 671	113	1.171 329	9.999 016	0	144	2 22.8
857	8.827 799	112	8.828 784	113	1.171 216	9.999 015	1	143	3 34.2
858	8.827 911	112	8.828 897	113	1.171 103	9.999 015	0	142	4 45.6
859	8.828 024	113	8.829 010	113	1.170 990	9.999 014	1	141	5 57.0
.860	8.828 136	112	8.829 122	112	1.170 878	9.999 014	0	.140	6 68.4
861	8.828 248	112	8.829 235	113	1.170 765	9.999 013	1	139	7 79.8
862	8.828 361	113	8.829 348	113	1.170 652	9.999 013	0	138	8 91.2
863	8.828 473	112	8.829 461	113	1.170 539	9.999 012	1	137	9 102.6
864	8.828 585	112	8.829 574	113	1.170 426	9.999 012	0	136	
865	8.828 697	112	8.829 686	112	1.170 314	9.999 011	1	135	
866	8.828 810	113	8.829 799	113	1.170 201	9.999 011	0	134	113
867	8.828 922	112	8.829 912	113	1.170 088	9.999 010	1	133	1 11.3
868	8.829 034	112	8.830 024	112	1.169 976	9.999 010	0	132	2 22.6
869	8.829 146	112	8.830 137	113	1.169 863	9.999 009	1	131	3 33.9
.870	8.829 258	112	8.830 249	112	1.169 751	9.999 009	0	.130	4 45.2
871	8.829 370	112	8.830 362	113	1.169 638	9.999 008	1	129	5 56.5
872	8.829 482	112	8.830 475	113	1.169 525	9.999 008	0	128	6 67.8
873	8.829 594	112	8.830 587	112	1.169 413	9.999 007	1	127	7 79.1
874	8.829 706	112	8.830 700	113	1.169 300	9.999 007	0	126	8 90.4
875	8.829 818	112	8.830 812	112	1.169 188	9.999 006	1	125	9 101.7
876	8.829 930	112	8.830 924	112	1.169 076	9.999 005	1	124	
877	8.830 042	112	8.831 037	113	1.168 963	9.999 005	0	123	
878	8.830 154	112	8.831 149	112	1.168 851	9.999 004	1	122	112
879	8.830 265	111	8.831 261	112	1.168 739	9.999 004	0	121	1 11.2
.880	8.830 377	112	8.831 374	113	1.168 626	9.999 003	1	.120	2 22.4
881	8.830 489	112	8.831 486	112	1.168 514	9.999 003	0	119	3 33.6
882	8.830 601	112	8.831 598	112	1.168 402	9.999 002	1	118	4 44.8
883	8.830 712	111	8.831 710	112	1.168 290	9.999 002	0	117	5 56.0
884	8.830 824	112	8.831 823	113	1.168 177	9.999 001	1	116	6 67.2
885	8.830 936	112	8.831 935	112	1.168 065	9.999 001	0	115	7 78.4
886	8.831 047	111	8.832 047	112	1.167 953	9.999 000	1	114	8 89.6
887	8.831 159	112	8.832 159	112	1.167 841	9.999 000	0	113	9 100.8
888	8.831 270	111	8.832 271	112	1.167 729	9.998 999	1	112	
889	8.831 382	112	8.832 383	112	1.167 617	9.998 999	0	111	
.890	8.831 493	111	8.832 495	112	1.167 505	9.998 998	1	.110	111
891	8.831 605	112	8.832 607	112	1.167 393	9.998 998	0	109	1 11.1
892	8.831 716	111	8.832 719	112	1.167 281	9.998 997	1	108	2 22.2
893	8.831 828	112	8.832 831	112	1.167 169	9.998 997	0	107	3 33.3
894	8.831 939	111	8.832 943	112	1.167 057	9.998 996	1	106	4 44.4
895	8.832 050	111	8.833 055	112	1.166 945	9.998 996	0	105	5 55.5
896	8.832 162	112	8.833 166	111	1.166 834	9.998 995	1	104	6 66.6
897	8.832 273	111	8.833 278	112	1.166 722	9.998 995	0	103	7 77.7
898	8.832 384	111	8.833 390	112	1.166 610	9.998 994	1	102	8 88.8
899	8.832 495	111	8.833 502	112	1.166 498	9.998 994	0	101	9 99.9
.900	8.832 607	112	8.833 613	111	1.166 387	9.998 993	1	.100	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.900 — 3°.950

3°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.832 607		8.833 613		1.166 387	9.998 993		.100	
901	8.832 718	111	8.833 725	112	1.166 275	9.998 993	0	099	
902	8.832 829	111	8.833 837	112	1.166 163	9.998 992	1	098	
903	8.832 940	111	8.833 948	111	1.166 052	9.998 992	0	097	
904	8.833 051	111	8.834 060	112	1.165 940	9.998 991	1	096	112
905	8.833 162	111	8.834 172	112	1.165 828	9.998 991	0	095	1 11.2
906	8.833 273	111	8.834 283	111	1.165 717	9.998 990	1	094	2 22.4
907	8.833 384	111	8.834 395	112	1.165 605	9.998 990	0	093	3 33.6
908	8.833 495	111	8.834 506	111	1.165 494	9.998 989	1	092	4 44.8
909	8.833 606	111	8.834 618	112	1.165 382	9.998 988	1	091	5 56.0
.910	8.833 717	111	8.834 729	111	1.165 271	9.998 988	0	.090	6 67.2
911	8.833 828	111	8.834 840	111	1.165 160	9.998 987	1	089	7 78.4
912	8.833 939	111	8.834 952	112	1.165 048	9.998 987	0	088	8 89.6
913	8.834 050	111	8.835 063	111	1.164 937	9.998 986	1	087	9 100.8
914	8.834 160	110	8.835 174	111	1.164 826	9.998 986	0	086	
915	8.834 271	111	8.835 286	112	1.164 714	9.998 985	1	085	
916	8.834 382	111	8.835 397	111	1.164 603	9.998 985	0	084	111
917	8.834 493	111	8.835 508	111	1.164 492	9.998 984	1	083	1 11.1
918	8.834 603	110	8.835 619	111	1.164 381	9.998 984	0	082	2 22.2
919	8.834 714	111	8.835 731	112	1.164 269	9.998 983	1	081	3 33.3
.920	8.834 825	111	8.835 842	111	1.164 158	9.998 983	0	.080	4 44.4
921	8.834 935	110	8.835 953	111	1.164 047	9.998 982	1	079	5 55.5
922	8.835 046	111	8.836 064	111	1.163 936	9.998 982	0	078	6 66.6
923	8.835 156	110	8.836 175	111	1.163 825	9.998 981	1	077	7 77.7
924	8.835 267	111	8.836 286	111	1.163 714	9.998 981	0	076	8 88.8
925	8.835 377	110	8.836 397	111	1.163 603	9.998 980	1	075	9 99.9
926	8.835 488	111	8.836 508	111	1.163 492	9.998 980	0	074	
927	8.835 598	110	8.836 619	111	1.163 381	9.998 979	1	073	
928	8.835 709	111	8.836 730	111	1.163 270	9.998 979	0	072	110
929	8.835 819	110	8.836 841	111	1.163 159	9.998 978	1	071	1 11.0
.930	8.835 929	110	8.836 952	111	1.163 048	9.998 978	0	.070	2 22.0
931	8.836 040	111	8.837 063	111	1.162 937	9.998 977	1	069	3 33.0
932	8.836 150	110	8.837 173	110	1.162 827	9.998 977	0	068	4 44.0
933	8.836 260	110	8.837 284	111	1.162 716	9.998 976	1	067	5 55.0
934	8.836 370	110	8.837 395	111	1.162 605	9.998 975	0	066	6 66.0
935	8.836 481	111	8.837 506	111	1.162 494	9.998 975	1	065	7 77.0
936	8.836 591	110	8.837 616	110	1.162 384	9.998 974	0	064	8 88.0
937	8.836 701	110	8.837 727	111	1.162 273	9.998 974	1	063	9 99.0
938	8.836 811	110	8.837 838	110	1.162 162	9.998 973	0	062	
939	8.836 921	110	8.837 948	110	1.162 052	9.998 973	1	061	
.940	8.837 031	110	8.838 059	111	1.161 941	9.998 972	0	.060	109
941	8.837 141	110	8.838 169	110	1.161 831	9.998 972	1	059	1 10.9
942	8.837 251	110	8.838 280	111	1.161 720	9.998 971	0	058	2 21.8
943	8.837 361	110	8.838 391	111	1.161 609	9.998 971	1	057	3 32.7
944	8.837 471	110	8.838 501	110	1.161 499	9.998 970	0	056	4 43.6
945	8.837 581	110	8.838 611	110	1.161 389	9.998 970	1	055	5 54.5
946	8.837 691	110	8.838 722	111	1.161 278	9.998 969	0	054	6 65.4
947	8.837 801	110	8.838 832	110	1.161 168	9.998 969	1	053	7 76.3
948	8.837 911	110	8.838 943	111	1.161 057	9.998 968	0	052	8 87.2
949	8.838 021	110	8.839 053	110	1.160 947	9.998 968	1	051	9 98.1
.950	8.838 130	109	8.839 163	110	1.160 837	9.998 967	0	.050	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

3°.950 — 4°.000

3°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.838 130		8.839 163		1.160 837	9.998 967		.050	
951	8.838 240	110	8.839 274	111	1.160 726	9.998 967	0	049	
952	8.838 350	110	8.839 384	110	1.160 616	9.998 966	1	048	
953	8.838 460	110	8.839 494	110	1.160 506	9.998 966	0	047	
		109		110			1		111
954	8.838 569	110	8.839 604	110	1.160 396	9.998 965	0	046	
955	8.838 679	110	8.839 714	111	1.160 286	9.998 965	1	045	1 11.1
956	8.838 789	109	8.839 825	110	1.160 175	9.998 964	1	044	2 22.2
		110		110			1		3 33.3
957	8.838 898	110	8.839 935	110	1.160 065	9.998 963	0	043	4 44.4
958	8.839 008	109	8.840 045	110	1.159 955	9.998 963	1	042	5 55.5
959	8.839 117	110	8.840 155	110	1.159 845	9.998 962	0	041	6 66.6
.960	8.839 227	109	8.840 265	110	1.159 735	9.998 962	1	.040	7 77.7
		110		110			0		8 88.8
961	8.839 336	110	8.840 375	110	1.159 625	9.998 961	1	039	9 99.9
962	8.839 446	109	8.840 485	110	1.159 515	9.998 961	0	038	
963	8.839 555	109	8.840 595	110	1.159 405	9.998 960	1	037	
		109		110			0		
964	8.839 664	110	8.840 705	110	1.159 295	9.998 960	1	036	
965	8.839 774	109	8.840 815	109	1.159 185	9.998 959	0	035	
966	8.839 883	110	8.840 924	110	1.159 076	9.998 959	1	034	110
		109		110			0		
967	8.839 993	109	8.841 034	110	1.158 966	9.998 958	1	033	1 11.0
968	8.840 102	109	8.841 144	110	1.158 856	9.998 958	0	032	2 22.0
969	8.840 211	109	8.841 254	110	1.158 746	9.998 957	1	031	3 33.0
		110		110			0		4 44.0
.970	8.840 320	110	8.841 364	109	1.158 636	9.998 957	1	.030	5 55.0
		109		110			0		6 66.0
971	8.840 430	109	8.841 473	110	1.158 527	9.998 956	1	029	7 77.0
972	8.840 539	109	8.841 583	110	1.158 417	9.998 956	0	028	8 88.0
973	8.840 648	109	8.841 693	109	1.158 307	9.998 955	1	027	9 99.0
		109		110			0		
974	8.840 757	109	8.841 802	110	1.158 198	9.998 955	1	026	
975	8.840 866	109	8.841 912	110	1.158 088	9.998 954	0	025	
976	8.840 975	109	8.842 022	109	1.157 978	9.998 953	1	024	
		109		110			0		
977	8.841 084	109	8.842 131	110	1.157 869	9.998 953	1	023	109
978	8.841 193	109	8.842 241	109	1.157 759	9.998 952	0	022	
979	8.841 302	109	8.842 350	110	1.157 650	9.998 952	1	021	1 10.9
		110		110			0		2 21.8
.980	8.841 411	109	8.842 460	109	1.157 540	9.998 951	1	.020	3 32.7
		109		110			0		4 43.6
981	8.841 520	109	8.842 569	110	1.157 431	9.998 951	1	019	5 54.5
982	8.841 629	109	8.842 679	109	1.157 321	9.998 950	0	018	6 65.4
983	8.841 738	109	8.842 788	109	1.157 212	9.998 950	1	017	7 76.3
		108		110			0		8 87.2
984	8.841 847	108	8.842 897	110	1.157 103	9.998 949	1	016	9 98.1
985	8.841 955	109	8.843 007	109	1.156 993	9.998 949	0	015	
986	8.842 064	109	8.843 116	109	1.156 884	9.998 948	1	014	
		109		110			0		
987	8.842 173	109	8.843 225	110	1.156 775	9.998 948	1	013	
988	8.842 282	109	8.843 335	109	1.156 665	9.998 947	0	012	
989	8.842 391	108	8.843 444	109	1.156 556	9.998 947	1	011	
		108		109			0		108
.990	8.842 499	109	8.843 553	109	1.156 447	9.998 946	1	.010	1 10.8
		108		109			0		2 21.6
991	8.842 608	108	8.843 662	109	1.156 338	9.998 946	1	009	3 32.4
992	8.842 716	109	8.843 771	110	1.156 229	9.998 945	0	008	4 43.2
993	8.842 825	109	8.843 881	109	1.156 119	9.998 944	1	007	5 54.0
		108		109			0		6 64.8
994	8.842 934	108	8.843 990	109	1.155 010	9.998 944	1	006	7 75.6
995	8.843 042	109	8.844 099	109	1.155 901	9.998 943	0	005	8 86.4
996	8.843 151	108	8.844 208	109	1.155 792	9.998 943	1	004	9 97.2
		108		109			0		
997	8.843 259	109	8.844 317	109	1.155 683	9.998 942	1	003	
998	8.843 368	108	8.844 426	109	1.155 574	9.998 942	0	002	
999	8.843 476	109	8.844 535	109	1.155 465	9.998 941	1	001	
		109		109			0		
*.000	8.843 585		8.844 644		1.155 356	9.998 941		.000	
	cos	d	cotg	d	tang	sin	d	86°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.000 — 4°.050

4°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.843 585		8.844 644		1.155 356	9.998 941		*.000	
001	8.843 693	108	8.844 753	109	1.155 247	9.998 940	1	999	
002	8.843 801	108	8.844 862	109	1.155 138	9.998 940	0	998	
003	8.843 910	109	8.844 970	108	1.155 030	9.998 939	1	997	
		108		109			0		
004	8.844 018	108	8.845 079	109	1.154 921	9.998 939	1	996	
005	8.844 126	108	8.845 188	109	1.154 812	9.998 938	0	995	
006	8.844 234	108	8.845 297	109	1.154 703	9.998 938	0	994	
		109		109			1		
007	8.844 343	108	8.845 406	108	1.154 594	9.998 937	0	993	109
008	8.844 451	108	8.845 514	109	1.154 486	9.998 937	1	992	1 10.9
009	8.844 559	108	8.845 623	109	1.154 377	9.998 936	1	991	2 21.8
.010	8.844 667	108	8.845 732	108	1.154 268	9.998 935	0	.990	3 32.7
		108		108			1		4 43.6
011	8.844 775	108	8.845 840	109	1.154 160	9.998 935	0	989	5 54.5
012	8.844 883	108	8.845 949	109	1.154 051	9.998 934	1	988	6 65.4
013	8.844 991	108	8.846 058	109	1.153 942	9.998 934	0	987	7 76.3
		108		108			1		8 87.2
014	8.845 099	108	8.846 166	109	1.153 834	9.998 933	0	986	9 98.1
015	8.845 207	108	8.846 275	109	1.153 725	9.998 933	1	985	
016	8.845 315	108	8.846 383	108	1.153 617	9.998 932	0	984	
		108		109			1		
017	8.845 423	108	8.846 492	108	1.153 508	9.998 932	0	983	
018	8.845 531	108	8.846 600	108	1.153 400	9.998 931	1	982	
019	8.845 639	108	8.846 708	108	1.153 292	9.998 931	0	981	
.020	8.845 747	108	8.846 817	109	1.153 183	9.998 930	1	.980	
		108		108			0		
021	8.845 855	108	8.846 925	109	1.153 075	9.998 930	1	979	108
022	8.845 963	108	8.847 034	109	1.152 966	9.998 929	0	978	
023	8.846 070	107	8.847 142	108	1.152 858	9.998 929	1	977	1 10.8
		108		108			0		2 21.6
024	8.846 178	108	8.847 250	108	1.152 750	9.998 928	1	976	3 32.4
025	8.846 286	108	8.847 358	108	1.152 642	9.998 927	0	975	4 43.2
026	8.846 394	108	8.847 467	109	1.152 533	9.998 927	1	974	5 54.0
		107		108			0		6 64.8
027	8.846 501	108	8.847 575	108	1.152 425	9.998 926	1	973	7 75.6
028	8.846 609	108	8.847 683	108	1.152 317	9.998 926	0	972	8 86.4
029	8.846 717	108	8.847 791	108	1.152 209	9.998 925	1	971	9 97.2
.030	8.846 824	107	8.847 899	108	1.152 101	9.998 925	0	.970	
		108		109			1		
031	8.846 932	107	8.848 008	108	1.151 992	9.998 924	0	969	
032	8.847 039	108	8.848 116	108	1.151 884	9.998 924	1	968	
033	8.847 147	108	8.848 224	108	1.151 776	9.998 923	0	967	
		107		108			1		
034	8.847 254	108	8.848 332	108	1.151 668	9.998 923	0	966	
035	8.847 362	107	8.848 440	108	1.151 560	9.998 922	1	965	
036	8.847 469	108	8.848 548	108	1.151 452	9.998 922	0	964	
		108		108			1		107
037	8.847 577	107	8.848 656	108	1.151 344	9.998 921	0	963	1 10.7
038	8.847 684	107	8.848 764	107	1.151 236	9.998 921	1	962	2 21.4
039	8.847 791	107	8.848 871	107	1.151 129	9.998 920	0	961	3 32.1
.040	8.847 899	108	8.848 979	108	1.151 021	9.998 919	1	.960	4 42.8
		107		108			0		5 53.5
041	8.848 006	107	8.849 087	108	1.150 913	9.998 919	1	959	6 64.2
042	8.848 113	108	8.849 195	108	1.150 805	9.998 918	0	958	7 74.9
043	8.848 221	108	8.849 303	108	1.150 697	9.998 918	1	957	8 85.6
		107		108			0		9 96.3
044	8.848 328	107	8.849 411	108	1.150 589	9.998 917	1	956	
045	8.848 435	107	8.849 518	107	1.150 482	9.998 917	0	955	
046	8.848 542	107	8.849 626	108	1.150 374	9.998 916	1	954	
		107		108			0		
047	8.848 649	108	8.849 734	107	1.150 266	9.998 916	1	953	
048	8.848 757	108	8.849 841	107	1.150 159	9.998 915	0	952	
049	8.848 864	107	8.849 949	108	1.150 051	9.998 915	1	951	
.050	8.848 971	107	8.850 057	108	1.149 943	9.998 914	0	.950	
							1		
	cos	d	cotg	d	tang	sin	d	85°	P.P.

86°.000 — 85°.950

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.050 — 4°.100

4°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.848 971		8.850 057		1.149 943	9.998 914		.950	
051	8.849 078	107	8.850 164	107	1.149 836	9.998 914	0	949	
052	8.849 185	107	8.850 272	108	1.149 728	9.998 913	1	948	
053	8.849 292	107	8.850 379	107	1.149 621	9.998 913	0	947	
		107		108			1		108
054	8.849 399	107	8.850 487	107	1.149 513	9.998 912	1	946	
055	8.849 506	107	8.850 594	107	1.149 406	9.998 911	1	945	1 10.8
056	8.849 613	107	8.850 702	108	1.149 298	9.998 911	0	944	2 21.6
		106		107			1		3 32.4
057	8.849 719	107	8.850 809	107	1.149 191	9.998 910	1	943	4 43.2
058	8.849 826	107	8.850 916	107	1.149 084	9.998 910	0	942	5 54.0
059	8.849 933	107	8.851 024	108	1.148 976	9.998 909	1	941	6 64.8
		107		107			0		7 75.6
.060	8.850 040	107	8.851 131	107	1.148 869	9.998 909	1	.940	8 86.4
		107		107			1		9 97.2
061	8.850 147	106	8.851 238	108	1.148 762	9.998 908	0	939	
062	8.850 253	107	8.851 346	107	1.148 654	9.998 908	1	938	
063	8.850 360	107	8.851 453	107	1.148 547	9.998 907	0	937	
		107		107			1		
064	8.850 467	107	8.851 560	107	1.148 440	9.998 907	0	936	
065	8.850 574	107	8.851 667	107	1.148 333	9.998 906	1	935	
066	8.850 680	106	8.851 775	108	1.148 225	9.998 906	0	934	107
		107		107			1		1 10.7
067	8.850 787	107	8.851 882	107	1.148 118	9.998 905	1	933	2 21.4
068	8.850 893	106	8.851 989	107	1.148 011	9.998 904	1	932	3 32.1
069	8.851 000	107	8.852 096	107	1.147 904	9.998 904	0	931	4 42.8
		106		107			1		5 53.5
.070	8.851 106	107	8.852 203	107	1.147 797	9.998 903	0	.930	6 64.2
		107		107			1		7 74.9
071	8.851 213	106	8.852 310	107	1.147 690	9.998 903	1	929	8 85.6
072	8.851 319	107	8.852 417	107	1.147 583	9.998 902	0	928	9 96.3
073	8.851 426	107	8.852 524	107	1.147 476	9.998 902	1	927	
		106		107			0		
074	8.851 532	107	8.852 631	107	1.147 369	9.998 901	1	926	
075	8.851 639	107	8.852 738	107	1.147 262	9.998 901	0	925	
076	8.851 745	106	8.852 845	107	1.147 155	9.998 900	1	924	
		107		107			0		
077	8.851 852	106	8.852 952	107	1.147 048	9.998 900	1	923	106
078	8.851 958	106	8.853 059	107	1.146 941	9.998 899	1	922	
079	8.852 064	106	8.853 166	107	1.146 834	9.998 899	0	921	1 10.6
		106		106			1		2 21.2
.080	8.852 170	107	8.853 272	107	1.146 728	9.998 898	1	.920	3 31.8
		107		107			1		4 42.4
081	8.852 277	106	8.853 379	107	1.146 621	9.998 897	0	919	5 53.0
082	8.852 383	106	8.853 486	107	1.146 514	9.998 897	1	918	6 63.6
083	8.852 489	106	8.853 593	107	1.146 407	9.998 896	1	917	7 74.2
		106		106			0		8 84.8
084	8.852 595	106	8.853 699	107	1.146 301	9.998 896	1	916	9 95.4
085	8.852 701	106	8.853 806	107	1.146 194	9.998 895	0	915	
086	8.852 808	107	8.853 913	107	1.146 087	9.998 895	1	914	
		106		106			0		
087	8.852 914	106	8.854 019	107	1.145 981	9.998 894	1	913	
088	8.853 020	106	8.854 126	107	1.145 874	9.998 894	0	912	
089	8.853 126	106	8.854 233	107	1.145 767	9.998 893	1	911	
		106		106			0		105
.090	8.853 232	106	8.854 339	107	1.145 661	9.998 893	1	.910	1 10.5
		106		107			1		2 21.0
091	8.853 338	106	8.854 446	106	1.145 554	9.998 892	1	909	3 31.5
092	8.853 444	106	8.854 552	107	1.145 448	9.998 891	0	908	4 42.0
093	8.853 550	106	8.854 659	106	1.145 341	9.998 891	1	907	5 52.5
		106		106			0		6 63.0
094	8.853 656	105	8.854 765	107	1.145 235	9.998 890	1	906	7 73.5
095	8.853 761	106	8.854 872	106	1.145 128	9.998 890	0	905	8 84.0
096	8.853 867	106	8.854 978	106	1.145 022	9.998 889	1	904	9 94.5
		106		106			0		
097	8.853 973	106	8.855 084	107	1.144 916	9.998 889	1	903	
098	8.854 079	106	8.855 191	107	1.144 809	9.998 888	0	902	
099	8.854 185	106	8.855 297	106	1.144 703	9.998 888	1	901	
		106		106			0		
.100	8.854 291	106	8.855 403	106	1.144 597	9.998 887	1	.900	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.950 — 85°.900

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.100 — 4°.150

4°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.854 291		8.855 403		1.144 597	9.998 887		.900	
101	8.854 396	105	8.855 510	107	1.144 490	9.998 887	0	899	
102	8.854 502	106	8.855 616	106	1.144 384	9.998 886	1	898	
103	8.854 608	106	8.855 722	106	1.144 278	9.998 885	1	897	
		105		106			0		107
104	8.854 713	106	8.855 828	107	1.144 172	9.998 885	1	896	
105	8.854 819	106	8.855 935	106	1.144 065	9.998 884	0	895	1 10.7
106	8.854 925	106	8.856 041	106	1.143 959	9.998 884	0	894	2 21.4
		105		106			1		3 32.1
107	8.855 030	106	8.856 147	106	1.143 853	9.998 883	1	893	4 42.8
108	8.855 136	106	8.856 253	106	1.143 747	9.998 883	0	892	5 53.5
109	8.855 241	105	8.856 359	106	1.143 641	9.998 882	1	891	6 64.2
		106		106			0		7 74.9
.110	8.855 347	105	8.856 465	106	1.143 535	9.998 882	1	.890	8 85.6
		106		106			0	889	9 96.3
111	8.855 452	106	8.856 571	106	1.143 429	9.998 881	1	888	
112	8.855 558	105	8.856 677	106	1.143 323	9.998 881	0	887	
113	8.855 663	105	8.856 783	106	1.143 217	9.998 880	1	886	
		105		106			0		
114	8.855 768	106	8.856 889	106	1.143 111	9.998 880	1	885	
115	8.855 874	106	8.856 995	106	1.143 005	9.998 879	0	884	106
116	8.855 979	105	8.857 101	106	1.142 899	9.998 878	1		
		105		106			0	883	1 10.6
117	8.856 084	106	8.857 207	105	1.142 793	9.998 878	1	882	2 21.2
118	8.856 190	106	8.857 312	106	1.142 688	9.998 877	0	881	3 31.8
119	8.856 295	105	8.857 418	106	1.142 582	9.998 877	1		4 42.4
		105		106			0		5 53.0
.120	8.856 400	105	8.857 524	106	1.142 476	9.998 876	1	.880	6 63.6
		106		106			0	879	7 74.2
121	8.856 505	106	8.857 630	106	1.142 370	9.998 876	1	878	8 84.8
122	8.856 611	105	8.857 736	105	1.142 264	9.998 875	0	877	9 95.4
123	8.856 716	105	8.857 841	106	1.142 159	9.998 875	1		
		105		106			0	876	
124	8.856 821	105	8.857 947	106	1.142 053	9.998 874	1	875	
125	8.856 926	105	8.858 053	105	1.141 947	9.998 873	0	874	
126	8.857 031	105	8.858 158	106	1.141 842	9.998 873	1		
		105		105			0	873	105
127	8.857 136	105	8.858 264	105	1.141 736	9.998 872	1	872	
128	8.857 241	105	8.858 369	106	1.141 631	9.998 872	0	871	1 10.5
129	8.857 346	105	8.858 475	106	1.141 525	9.998 871	1		2 21.0
		105		106			0		3 31.5
.130	8.857 451	105	8.858 581	105	1.141 419	9.998 871	1	.870	4 42.0
		106		105			0	869	5 52.5
131	8.857 556	105	8.858 686	106	1.141 314	9.998 870	1	868	6 63.0
132	8.857 661	105	8.858 791	106	1.141 209	9.998 870	0	867	7 73.5
133	8.857 766	105	8.858 897	105	1.141 103	9.998 869	1	866	8 84.0
		105		106			0		9 94.5
134	8.857 871	105	8.859 002	106	1.140 998	9.998 869	1	865	
135	8.857 976	105	8.859 108	105	1.140 892	9.998 868	0	864	
136	8.858 081	105	8.859 213	106	1.140 787	9.998 867	1		
		104		106			0	863	
137	8.858 185	105	8.859 319	105	1.140 681	9.998 867	1	862	
138	8.858 290	105	8.859 424	105	1.140 576	9.998 866	0	861	
139	8.858 395	105	8.859 529	105	1.140 471	9.998 866	1		104
		105		105			0		
.140	8.858 500	104	8.859 634	106	1.140 366	9.998 865	1	.860	1 10.4
		106		106			0	859	2 20.8
141	8.858 604	105	8.859 740	105	1.140 260	9.998 865	1	858	3 31.2
142	8.858 709	105	8.859 845	105	1.140 155	9.998 864	0	857	4 41.6
143	8.858 814	105	8.859 950	105	1.140 050	9.998 864	1		5 52.0
		104		105			0	856	6 62.4
144	8.858 918	105	8.860 055	105	1.139 945	9.998 863	1	855	7 72.8
145	8.859 023	105	8.860 160	106	1.139 840	9.998 863	0	854	8 83.2
146	8.859 128	105	8.860 266	106	1.139 734	9.998 862	1		9 93.6
		104		105			0	853	
147	8.859 232	105	8.860 371	105	1.139 629	9.998 861	1	852	
148	8.859 337	105	8.860 476	105	1.139 524	9.998 861	0	851	
149	8.859 441	104	8.860 581	105	1.139 419	9.998 860	1		
		105		105			0		
.150	8.859 546	105	8.860 686	105	1.139 314	9.998 860	1	.850	
		105		105			0		
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.900 — 85°.850

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.150 — 4°.200

4°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.859 546		8.860 686		1.139 314	9.998 860		.850	
151	8.859 650	104	8.860 791	105	1.139 209	9.998 859	1	849	
152	8.859 755	105	8.860 896	105	1.139 104	9.998 859	0	848	
153	8.859 859	104	8.861 001	105	1.138 999	9.998 858	1	847	
		104		105			0		
154	8.859 963	104	8.861 106	105	1.138 894	9.998 858	1	846	
155	8.860 068	105	8.861 211	105	1.138 789	9.998 857	1	845	
156	8.860 172	104	8.861 316	105	1.138 684	9.998 856	1	844	
		104		104			0		
157	8.860 276	104	8.861 420	104	1.138 580	9.998 856	1	843	105
158	8.860 381	105	8.861 525	105	1.138 475	9.998 855	1	842	1 10.5
159	8.860 485	104	8.861 630	105	1.138 370	9.998 855	0	841	2 21.0
		104		105			1		3 31.5
.160	8.860 589	104	8.861 735	105	1.138 265	9.998 854	1	.840	4 42.0
		104		105			0		5 52.5
161	8.860 693	104	8.861 840	105	1.138 160	9.998 854	1	839	6 63.0
162	8.860 797	104	8.861 944	104	1.138 056	9.998 853	1	838	7 73.5
163	8.860 902	105	8.862 049	105	1.137 951	9.998 853	0	837	8 84.0
		104		105			1		9 94.5
164	8.861 006	104	8.862 154	105	1.137 846	9.998 852	1	836	
165	8.861 110	104	8.862 258	104	1.137 742	9.998 852	0	835	
166	8.861 214	104	8.862 363	105	1.137 637	9.998 851	1	834	
		104		105			1		
167	8.861 318	104	8.862 468	105	1.137 532	9.998 850	1	833	
168	8.861 422	104	8.862 572	104	1.137 428	9.998 850	0	832	
169	8.861 526	104	8.862 677	105	1.137 323	9.998 849	1	831	
		104		104			0		
.170	8.861 630	104	8.862 781	105	1.137 219	9.998 849	1	.830	
		104		105			1		104
171	8.861 734	104	8.862 886	104	1.137 114	9.998 848	0	829	
172	8.861 838	104	8.862 990	104	1.137 010	9.998 848	1	828	1 10.4
173	8.861 942	104	8.863 095	105	1.136 905	9.998 847	1	827	2 20.8
		104		104			0		3 31.2
174	8.862 046	103	8.863 199	104	1.136 801	9.998 847	1	826	4 41.6
175	8.862 149	104	8.863 303	105	1.136 697	9.998 846	1	825	5 52.0
176	8.862 253	104	8.863 408	104	1.136 592	9.998 845	1	824	6 62.4
		104		104			0		7 72.8
177	8.862 357	104	8.863 512	105	1.136 488	9.998 845	1	823	8 83.2
178	8.862 461	104	8.863 617	104	1.136 383	9.998 844	0	822	9 93.6
179	8.862 565	104	8.863 721	104	1.136 279	9.998 844	1	821	
		103		104			1		
.180	8.862 668	104	8.863 825	104	1.136 175	9.998 843	0	.820	
		104		105			1		
181	8.862 772	104	8.863 929	105	1.136 071	9.998 843	1	819	
182	8.862 876	103	8.864 034	104	1.135 966	9.998 842	0	818	
183	8.862 979	104	8.864 138	104	1.135 862	9.998 842	1	817	
		104		104			1		
184	8.863 083	104	8.864 242	104	1.135 758	9.998 841	1	816	
185	8.863 187	103	8.864 346	104	1.135 654	9.998 840	0	815	
186	8.863 290	104	8.864 450	104	1.135 550	9.998 840	1	814	103
		104		104			1		
187	8.863 394	103	8.864 554	104	1.135 446	9.998 839	0	813	1 10.3
188	8.863 497	104	8.864 658	105	1.135 342	9.998 839	1	812	2 20.6
189	8.863 601	104	8.864 763	104	1.135 237	9.998 838	1	811	3 30.9
		103		104			0		4 41.2
.190	8.863 704	104	8.864 867	104	1.135 133	9.998 838	1	.810	5 51.5
		104		104			1		6 61.8
191	8.863 808	103	8.864 971	104	1.135 029	9.998 837	0	809	7 72.1
192	8.863 911	104	8.865 075	103	1.134 925	9.998 837	1	808	8 82.4
193	8.864 015	103	8.865 178	104	1.134 822	9.998 836	1	807	9 92.7
		103		104			1		
194	8.864 118	103	8.865 282	104	1.134 718	9.998 835	0	806	
195	8.864 221	104	8.865 386	104	1.134 614	9.998 835	1	805	
196	8.864 325	103	8.865 490	104	1.134 510	9.998 834	1	804	
		103		104			0		
197	8.864 428	103	8.865 594	104	1.134 406	9.998 834	1	803	
198	8.864 531	103	8.865 698	104	1.134 302	9.998 833	0	802	
199	8.864 634	103	8.865 802	104	1.134 198	9.998 833	1	801	
		104		104			1		
.200	8.864 738		8.865 906		1.134 094	9.998 832		.800	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.850 — 85°.800

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.200 — 4°.250

4°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.864 738		8.865 906		1.134 094	9.998 832		.800	
201	8.864 841	103	8.866 009	103	1.133 991	9.998 832	0	799	
202	8.864 944	103	8.866 113	104	1.133 887	9.998 831	1	798	
203	8.865 047	103	8.866 217	104	1.133 783	9.998 830	1	797	
		103		103			0		
204	8.865 150	103	8.866 320	103	1.133 680	9.998 830	1	796	
205	8.865 253	103	8.866 424	104	1.133 576	9.998 829	1	795	
206	8.865 357	104	8.866 528	104	1.133 472	9.998 829	0	794	
		103		103			1		104
207	8.865 460	103	8.866 631	103	1.133 369	9.998 828	0	793	
208	8.865 563	103	8.866 735	104	1.133 265	9.998 828	1	792	1 10.4
209	8.865 666	103	8.866 839	104	1.133 161	9.998 827	1	791	2 20.8
		103		103			0		3 31.2
.210	8.865 769	103	8.866 942	103	1.133 058	9.998 827	1	.790	4 41.6
		103		104			1		5 52.0
211	8.865 872	102	8.867 046	103	1.132 954	9.998 826	1	789	6 62.4
212	8.865 974	103	8.867 149	104	1.132 851	9.998 825	0	788	7 72.8
213	8.866 077	103	8.867 253	103	1.132 747	9.998 825	1	787	8 83.2
		103		103			1		9 93.6
214	8.866 180	103	8.867 356	103	1.132 644	9.998 824	0	786	
215	8.866 283	103	8.867 459	103	1.132 541	9.998 824	1	785	
216	8.866 386	103	8.867 563	104	1.132 437	9.998 823	1	784	
		103		103			0		
217	8.866 489	103	8.867 666	103	1.132 334	9.998 823	1	783	
218	8.866 592	103	8.867 770	104	1.132 230	9.998 822	1	782	
219	8.866 694	102	8.867 873	103	1.132 127	9.998 822	0	781	
		103		103			1		
.220	8.866 797	103	8.867 976	103	1.132 024	9.998 821	1	.780	
		103		103			1		103
221	8.866 900	102	8.868 079	104	1.131 921	9.998 820	0	779	
222	8.867 002	103	8.868 183	103	1.131 817	9.998 820	1	778	1 10.3
223	8.867 105	103	8.868 286	103	1.131 714	9.998 819	1	777	2 20.6
		103		103			0		3 30.9
224	8.867 208	102	8.868 389	103	1.131 611	9.998 819	1	776	4 41.2
225	8.867 310	103	8.868 492	103	1.131 508	9.998 818	0	775	5 51.5
226	8.867 413	103	8.868 595	103	1.131 405	9.998 818	1	774	6 61.8
		103		104			1		7 72.1
227	8.867 516	102	8.868 699	103	1.131 301	9.998 817	1	773	8 82.4
228	8.867 618	103	8.868 802	103	1.131 198	9.998 816	0	772	9 92.7
229	8.867 721	103	8.868 905	103	1.131 095	9.998 816	1	771	
		102		103			0		
.230	8.867 823	102	8.869 008	103	1.130 992	9.998 815	1	.770	
		103		103			0		
231	8.867 926	102	8.869 111	103	1.130 889	9.998 815	1	769	
232	8.868 028	102	8.869 214	103	1.130 786	9.998 814	0	768	
233	8.868 130	103	8.869 317	103	1.130 683	9.998 814	1	767	
		103		103			1		
234	8.868 233	102	8.869 420	103	1.130 580	9.998 813	0	766	
235	8.868 335	103	8.869 523	103	1.130 477	9.998 813	1	765	
236	8.868 438	102	8.869 626	102	1.130 374	9.998 812	1	764	102
		102		103			1		
237	8.868 540	102	8.869 728	103	1.130 272	9.998 811	0	763	1 10.2
238	8.868 642	103	8.869 831	103	1.130 169	9.998 811	1	762	2 20.4
239	8.868 745	103	8.869 934	103	1.130 066	9.998 810	1	761	3 30.6
		102		103			0		4 40.8
.240	8.868 847	102	8.870 037	103	1.129 963	9.998 810	1	.760	5 51.0
		102		103			1		6 61.2
241	8.868 949	102	8.870 140	103	1.129 860	9.998 809	0	759	7 71.4
242	8.869 051	102	8.870 243	102	1.129 757	9.998 809	1	758	8 81.6
243	8.869 153	103	8.870 345	103	1.129 655	9.998 808	1	757	9 91.8
		102		103			0		
244	8.869 256	102	8.870 448	103	1.129 552	9.998 808	1	756	
245	8.869 358	102	8.870 551	102	1.129 449	9.998 807	1	755	
246	8.869 460	102	8.870 653	102	1.129 347	9.998 806	1	754	
		102		103			0		
247	8.869 562	102	8.870 756	103	1.129 244	9.998 806	1	753	
248	8.869 664	102	8.870 859	102	1.129 141	9.998 805	0	752	
249	8.869 766	102	8.870 961	102	1.129 039	9.998 805	1	751	
		102		103			1		
.250	8.869 868	102	8.871 064	103	1.128 936	9.998 804	1	.750	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.800 — 85°.750

4°.250 — 4°.300

4°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.869 868		8.871 064		1.128 936	9.998 804		.750	
251	8.869 970	102	8.871 166	102	1.128 834	9.998 804	0	749	
252	8.870 072	102	8.871 269	103	1.128 731	9.998 803	1	748	
253	8.870 174	102	8.871 371	102	1.128 629	9.998 802	1	747	
		102		103			0		103
254	8.870 276	102	8.871 474	102	1.128 526	9.998 802	1	746	
255	8.870 378	102	8.871 576	102	1.128 424	9.998 801	0	745	1 10.3
256	8.870 480	102	8.871 679	103	1.128 321	9.998 801	0	744	2 20.6
		101		102			1		3 30.9
257	8.870 581	102	8.871 781	103	1.128 219	9.998 800	0	743	4 41.2
258	8.870 683	102	8.871 884	102	1.128 116	9.998 800	1	742	5 51.5
259	8.870 785	102	8.871 986	102	1.128 014	9.998 799	1	741	6 61.8
.260	8.870 887	102	8.872 088	102	1.127 912	9.998 798	0	.740	7 72.1
		102		103			1		8 82.4
261	8.870 989	101	8.872 191	102	1.127 809	9.998 798	0	739	9 92.7
262	8.871 090	102	8.872 293	102	1.127 707	9.998 797	1	738	
263	8.871 192	102	8.872 395	102	1.127 605	9.998 797	0	737	
		102		102			1		
264	8.871 294	101	8.872 497	103	1.127 503	9.998 796	0	736	
265	8.871 395	102	8.872 600	102	1.127 400	9.998 796	1	735	102
266	8.871 497	102	8.872 702	102	1.127 298	9.998 795	0	734	
		101		102			1		1 10.2
267	8.871 598	102	8.872 804	102	1.127 196	9.998 795	1	733	2 20.4
268	8.871 700	102	8.872 906	102	1.127 094	9.998 794	1	732	3 30.6
269	8.871 802	102	8.873 008	102	1.126 992	9.998 793	1	731	4 40.8
		101		102			0		5 51.0
.270	8.871 903	102	8.873 110	102	1.126 890	9.998 793	1	.730	6 61.2
		101		102			0		7 71.4
271	8.872 005	101	8.873 212	102	1.126 788	9.998 792	1	729	8 81.6
272	8.872 106	102	8.873 314	102	1.126 686	9.998 792	0	728	9 91.8
273	8.872 208	101	8.873 416	102	1.126 584	9.998 791	1	727	
		101		102			0		
274	8.872 309	101	8.873 518	102	1.126 482	9.998 791	1	726	
275	8.872 410	102	8.873 620	102	1.126 380	9.998 790	1	725	
276	8.872 512	102	8.873 722	102	1.126 278	9.998 789	1	724	
		101		102			0		
277	8.872 613	102	8.873 824	102	1.126 176	9.998 789	1	723	101
278	8.872 715	101	8.873 926	102	1.126 074	9.998 788	0	722	
279	8.872 816	101	8.874 028	102	1.125 972	9.998 788	1	721	1 10.1
		101		102			0		2 20.2
.280	8.872 917	101	8.874 130	102	1.125 870	9.998 787	1	.720	3 30.3
		101		102			0		4 40.4
281	8.873 018	102	8.874 232	102	1.125 768	9.998 787	1	719	5 50.5
282	8.873 120	101	8.874 334	101	1.125 666	9.998 786	1	718	6 60.6
283	8.873 221	101	8.874 435	102	1.125 565	9.998 785	0	717	7 70.7
		101		102			1		8 80.8
284	8.873 322	101	8.874 537	102	1.125 463	9.998 785	0	716	9 90.9
285	8.873 423	101	8.874 639	102	1.125 361	9.998 784	1	715	
286	8.873 524	102	8.874 741	101	1.125 259	9.998 784	0	714	
		101		102			1		
287	8.873 626	101	8.874 842	102	1.125 158	9.998 783	0	713	
288	8.873 727	101	8.874 944	102	1.125 056	9.998 783	1	712	
289	8.873 828	101	8.875 046	102	1.124 954	9.998 782	1	711	
		101		101			0		100
.290	8.873 929	101	8.875 147	102	1.124 853	9.998 781	1	.710	1 10.0
		101		101			0		2 20.0
291	8.874 030	101	8.875 249	102	1.124 751	9.998 781	1	709	3 30.0
292	8.874 131	101	8.875 350	102	1.124 650	9.998 780	0	708	4 40.0
293	8.874 232	101	8.875 452	102	1.124 548	9.998 780	1	707	5 50.0
		101		101			0		6 60.0
294	8.874 333	101	8.875 554	101	1.124 446	9.998 779	1	706	7 70.0
295	8.874 434	101	8.875 655	102	1.124 345	9.998 779	0	705	8 80.0
296	8.874 535	101	8.875 757	101	1.124 243	9.998 778	1	704	9 90.0
		101		101			0		
297	8.874 636	100	8.875 858	101	1.124 142	9.998 778	1	703	
298	8.874 736	101	8.875 959	102	1.124 041	9.998 777	0	702	
299	8.874 837	101	8.876 061	101	1.123 939	9.998 776	1	701	
		101		101			0		
.300	8.874 938		8.876 162		1.123 838	9.998 776		.700	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

4°.300 — 4°.350

4°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.874 938		8.876 162		1.123 838	9.998 776		.700	
301	8.875 039	101	8.876 264	102	1.123 736	9.998 775	1	699	
302	8.875 140	101	8.876 365	101	1.123 635	9.998 775	0	698	
303	8.875 240	100	8.876 466	101	1.123 534	9.998 774	1	697	
		101		102			0		102
304	8.875 341	101	8.876 568	102	1.123 432	9.998 774	0	696	
305	8.875 442	101	8.876 669	101	1.123 331	9.998 773	1	695	1 10.2
306	8.875 542	100	8.876 770	101	1.123 230	9.998 772	1	694	2 20.4
		101		101			0		3 30.6
307	8.875 643	101	8.876 871	101	1.123 129	9.998 772	1	693	4 40.8
308	8.875 744	101	8.876 973	102	1.123 027	9.998 771	1	692	5 51.0
309	8.875 844	100	8.877 074	101	1.122 926	9.998 771	0	691	6 61.2
		101		101			1		7 71.4
.310	8.875 945	101	8.877 175	101	1.122 825	9.998 770	0	.690	8 81.6
		101		101			1		9 91.8
311	8.876 046	100	8.877 276	101	1.122 724	9.998 770	0	689	
312	8.876 146	101	8.877 377	101	1.122 623	9.998 769	1	688	
313	8.876 247	101	8.877 478	101	1.122 522	9.998 768	1	687	
		100		101			0		101
314	8.876 347	101	8.877 579	101	1.122 421	9.998 768	1	686	
315	8.876 448	101	8.877 680	101	1.122 320	9.998 767	1	685	
316	8.876 548	100	8.877 781	101	1.122 219	9.998 767	0	684	
		100		101			1		1 10.1
317	8.876 648	101	8.877 882	101	1.122 118	9.998 766	0	683	2 20.2
318	8.876 749	101	8.877 983	101	1.122 017	9.998 766	1	682	3 30.3
319	8.876 849	100	8.878 084	101	1.121 916	9.998 765	1	681	4 40.4
		101		101			1		5 50.5
.320	8.876 950	100	8.878 185	101	1.121 815	9.998 764	0	.680	6 60.6
		100		101			1		7 70.7
321	8.877 050	100	8.878 286	101	1.121 714	9.998 764	1	679	8 80.8
322	8.877 150	100	8.878 387	101	1.121 613	9.998 763	0	678	9 90.9
323	8.877 250	101	8.878 488	101	1.121 512	9.998 763	1	677	
		100		100			0		
324	8.877 351	100	8.878 589	101	1.121 411	9.998 762	1	676	
325	8.877 451	100	8.878 689	101	1.121 311	9.998 762	0	675	
326	8.877 551	100	8.878 790	101	1.121 210	9.998 761	1	674	
		100		101			1		
327	8.877 651	101	8.878 891	101	1.121 109	9.998 760	0	673	100
328	8.877 752	101	8.878 992	101	1.121 008	9.998 760	1	672	
329	8.877 852	100	8.879 092	100	1.120 908	9.998 759	1	671	1 10.0
		100		101			0		2 20.0
.330	8.877 952	100	8.879 193	101	1.120 807	9.998 759	1	.670	3 30.0
		100		101			1		4 40.0
331	8.878 052	100	8.879 294	100	1.120 706	9.998 758	1	669	5 50.0
332	8.878 152	100	8.879 394	101	1.120 606	9.998 757	0	668	6 60.0
333	8.878 252	100	8.879 495	101	1.120 505	9.998 757	1	667	7 70.0
		100		101			0		8 80.0
334	8.878 352	100	8.879 596	100	1.120 404	9.998 756	1	666	9 90.0
335	8.878 452	100	8.879 696	101	1.120 304	9.998 756	0	665	
336	8.878 552	100	8.879 797	100	1.120 203	9.998 755	1	664	
		100		101			0		
337	8.878 652	100	8.879 897	101	1.120 103	9.998 755	1	663	
338	8.878 752	100	8.879 998	100	1.120 002	9.998 754	1	662	
339	8.878 852	100	8.880 098	101	1.119 902	9.998 753	0	661	
		100		101			1		99
.340	8.878 952	100	8.880 199	100	1.119 801	9.998 753	0	.660	1 9.9
		100		101			1		2 19.8
341	8.879 052	99	8.880 299	101	1.119 701	9.998 752	0	659	3 29.7
342	8.879 151	100	8.880 400	100	1.119 600	9.998 752	1	658	4 39.6
343	8.879 251	100	8.880 500	100	1.119 500	9.998 751	0	657	5 49.5
		100		100			1		6 59.4
344	8.879 351	100	8.880 600	101	1.119 400	9.998 751	0	656	7 69.3
345	8.879 451	100	8.880 701	100	1.119 299	9.998 750	1	655	8 79.2
346	8.879 551	100	8.880 801	100	1.119 199	9.998 749	0	654	9 89.1
		99		100			1		
347	8.879 650	100	8.880 901	101	1.119 099	9.998 749	0	653	
348	8.879 750	100	8.881 002	100	1.118 998	9.998 748	1	652	
349	8.879 850	100	8.881 102	100	1.118 898	9.998 748	0	651	
		99		100			1		
.350	8.879 949	99	8.881 202	100	1.118 798	9.998 747	0	.650	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

 $4^{\circ}.350 - 4^{\circ}.400$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.879 949		8.881 202		1.118 798	9.998 747		.650	
351	8.880 049	100	8.881 302	100	1.118 698	9.998 747	0	649	
352	8.880 149	100	8.881 403	101	1.118 597	9.998 746	1	648	
353	8.880 248	99	8.881 503	100	1.118 497	9.998 745	1	647	
		100		100			0		101
354	8.880 348	99	8.881 603	100	1.118 397	9.998 745	1	646	
355	8.880 447	100	8.881 703	100	1.118 297	9.998 744	0	645	1 10.1
356	8.880 547	99	8.881 803	100	1.118 197	9.998 744	1	644	2 20.2
		100		100			0		3 30.3
357	8.880 646	99	8.881 903	100	1.118 097	9.998 743	1	643	4 40.4
358	8.880 746	100	8.882 003	100	1.117 997	9.998 743	0	642	5 50.5
359	8.880 845	99	8.882 103	100	1.117 897	9.998 742	1	641	6 60.6
		100		100			0		7 70.7
.360	8.880 945	99	8.882 203	100	1.117 797	9.998 741	1	.640	8 80.8
		100		100			0	639	9 90.9
361	8.881 044	99	8.882 303	100	1.117 697	9.998 741	1	638	
362	8.881 143	100	8.882 403	100	1.117 597	9.998 740	0	637	
363	8.881 243	99	8.882 503	100	1.117 497	9.998 740	1	636	
		100		100			0		100
364	8.881 342	99	8.882 603	100	1.117 397	9.998 739	1	635	
365	8.881 441	99	8.882 703	100	1.117 297	9.998 738	0	634	
366	8.881 541	100	8.882 803	100	1.117 197	9.998 738	1	633	1 10.0
		99		100			0	632	2 20.0
367	8.881 640	99	8.882 903	100	1.117 097	9.998 737	1	631	3 30.0
368	8.881 739	99	8.883 003	99	1.116 997	9.998 737	0		4 40.0
369	8.881 838	100	8.883 102	100	1.116 898	9.998 736	1		5 50.0
		99		100			0		6 60.0
.370	8.881 938	99	8.883 202	100	1.116 798	9.998 736	1	.630	7 70.0
		100		100			0	629	8 80.0
371	8.882 037	99	8.883 302	100	1.116 698	9.998 735	1	628	9 90.0
372	8.882 136	99	8.883 402	99	1.116 598	9.998 734	0	627	
373	8.882 235	99	8.883 501	100	1.116 499	9.998 734	1	626	
		100		100			0	625	
374	8.882 334	99	8.883 601	100	1.116 399	9.998 733	1	624	
375	8.882 433	99	8.883 701	99	1.116 299	9.998 733	0	623	
376	8.882 532	99	8.883 800	100	1.116 200	9.998 732	1	622	
		100		99			0	621	99
377	8.882 631	99	8.883 900	99	1.116 100	9.998 732	1		
378	8.882 730	99	8.883 999	100	1.116 001	9.998 731	0		1 9.9
379	8.882 829	99	8.884 099	100	1.115 901	9.998 730	1		2 19.8
		100		99			0		3 29.7
.380	8.882 928	99	8.884 199	99	1.115 801	9.998 730	1	.620	4 39.6
		100		100			0	619	5 49.5
381	8.883 027	99	8.884 298	99	1.115 702	9.998 729	1	618	6 59.4
382	8.883 126	99	8.884 398	100	1.115 602	9.998 729	0	617	7 69.3
383	8.883 225	99	8.884 497	99	1.115 503	9.998 728	1	616	8 79.2
		100		99			0	615	9 89.1
384	8.883 324	99	8.884 597	100	1.115 403	9.998 727	1	614	
385	8.883 423	99	8.884 696	99	1.115 304	9.998 727	0	613	
386	8.883 522	99	8.884 795	100	1.115 205	9.998 726	1	612	
		100		99			0	611	
387	8.883 621	98	8.884 895	100	1.115 105	9.998 726	1		98
388	8.883 719	99	8.884 994	99	1.115 006	9.998 725	0		
389	8.883 818	99	8.885 094	100	1.114 906	9.998 725	1		
		100		99			0		
.390	8.883 917	99	8.885 193	99	1.114 807	9.998 724	1	.610	1 9.8
		100		100			0	609	2 19.6
391	8.884 016	98	8.885 292	99	1.114 708	9.998 723	1	608	3 29.4
392	8.884 114	99	8.885 392	100	1.114 608	9.998 723	0	607	4 39.2
393	8.884 213	99	8.885 491	99	1.114 509	9.998 722	1	606	5 49.0
		100		99			0	605	6 58.8
394	8.884 312	98	8.885 590	100	1.114 410	9.998 722	1	604	7 68.6
395	8.884 410	99	8.885 689	99	1.114 311	9.998 721	0		8 78.4
396	8.884 509	99	8.885 788	100	1.114 212	9.998 720	1		9 88.2
		100		99			0	603	
397	8.884 607	98	8.885 888	100	1.114 112	9.998 720	1	602	
398	8.884 706	99	8.885 987	99	1.114 013	9.998 719	0	601	
399	8.884 805	99	8.886 086	99	1.113 914	9.998 719	1		
		100		99			0		
.400	8.884 903	98	8.886 185	99	1.113 815	9.998 718	1	.600	
		100		99			0		
	cos	d	cotg	d	tang	sin	d	85°	P.P.

 $85^{\circ}.650 - 85^{\circ}.600$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.400 — 4°.450

4°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.884 903		8.886 185		1.113 815	9.998 718		.600	
401	8.885 002	99	8.886 284	99	1.113 716	9.998 718	0	599	
402	8.885 100	98	8.886 383	99	1.113 617	9.998 717	1	598	
403	8.885 199	99	8.886 482	99	1.113 518	9.998 716	1	597	
404	8.885 297	98	8.886 581	99	1.113 419	9.998 716	0	596	
405	8.885 395	98	8.886 680	99	1.113 320	9.998 715	1	595	
406	8.885 494	99	8.886 779	99	1.113 221	9.998 715	0	594	
407	8.885 592	98	8.886 878	99	1.113 122	9.998 714	1	593	99
408	8.885 690	98	8.886 977	99	1.113 023	9.998 713	1	592	1 9.9
409	8.885 789	99	8.887 076	99	1.112 924	9.998 713	0	591	2 19.8
.410	8.885 887	98	8.887 175	99	1.112 825	9.998 712	1	.590	3 29.7
411	8.885 985	98	8.887 274	99	1.112 726	9.998 712	0	589	4 39.6
412	8.886 084	99	8.887 372	98	1.112 628	9.998 711	1	588	5 49.5
413	8.886 182	98	8.887 471	99	1.112 529	9.998 711	0	587	6 59.4
414	8.886 280	98	8.887 570	99	1.112 430	9.998 710	1	586	7 69.3
415	8.886 378	98	8.887 669	99	1.112 331	9.998 709	1	585	8 79.2
416	8.886 476	98	8.887 768	99	1.112 232	9.998 709	0	584	9 89.1
417	8.886 575	99	8.887 866	98	1.112 134	9.998 708	1	583	
418	8.886 673	98	8.887 965	99	1.112 035	9.998 708	0	582	
419	8.886 771	98	8.888 064	99	1.111 936	9.998 707	1	581	
.420	8.886 869	98	8.888 162	98	1.111 838	9.998 706	1	.580	
421	8.886 967	98	8.888 261	99	1.111 739	9.998 706	0	579	98
422	8.887 065	98	8.888 360	99	1.111 640	9.998 705	1	578	
423	8.887 163	98	8.888 458	98	1.111 542	9.998 705	0	577	1 9.8
424	8.887 261	98	8.888 557	99	1.111 443	9.998 704	1	576	2 19.6
425	8.887 359	98	8.888 655	98	1.111 345	9.998 704	0	575	3 29.4
426	8.887 457	98	8.888 754	99	1.111 246	9.998 703	1	574	4 39.2
427	8.887 555	98	8.888 852	98	1.111 148	9.998 702	1	573	5 49.0
428	8.887 653	98	8.888 951	99	1.111 049	9.998 702	0	572	6 58.8
429	8.887 750	97	8.889 049	98	1.110 951	9.998 701	1	571	7 68.6
.430	8.887 848	98	8.889 148	99	1.110 852	9.998 701	0	.570	8 78.4
431	8.887 946	98	8.889 246	98	1.110 754	9.998 700	1	569	9 88.2
432	8.888 044	98	8.889 345	99	1.110 655	9.998 699	1	568	
433	8.888 142	98	8.889 443	98	1.110 557	9.998 699	0	567	
434	8.888 239	97	8.889 541	98	1.110 459	9.998 698	1	566	
435	8.888 337	98	8.889 640	99	1.110 360	9.998 698	0	565	
436	8.888 435	98	8.889 738	98	1.110 262	9.998 697	1	564	97
437	8.888 533	98	8.889 836	98	1.110 164	9.998 696	1	563	1 9.7
438	8.888 630	97	8.889 934	98	1.110 066	9.998 696	0	562	2 19.4
439	8.888 728	98	8.890 033	99	1.109 967	9.998 695	1	561	3 29.1
.440	8.888 826	98	8.890 131	98	1.109 869	9.998 695	0	.560	4 38.8
441	8.888 923	97	8.890 229	98	1.109 771	9.998 694	1	559	5 48.5
442	8.889 021	98	8.890 327	98	1.109 673	9.998 694	0	558	6 58.2
443	8.889 118	97	8.890 425	98	1.109 575	9.998 693	1	557	7 67.9
444	8.889 216	98	8.890 524	99	1.109 476	9.998 692	1	556	8 77.6
445	8.889 313	97	8.890 622	98	1.109 378	9.998 692	0	555	9 87.3
446	8.889 411	98	8.890 720	98	1.109 280	9.998 691	1	554	
447	8.889 508	97	8.890 818	98	1.109 182	9.998 691	0	553	
448	8.889 606	98	8.890 916	98	1.109 084	9.998 690	1	552	
449	8.889 703	97	8.891 014	98	1.108 986	9.998 689	1	551	
.450	8.889 801	98	8.891 112	98	1.108 888	9.998 689	0	.550	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.600 — 85°.550

$4^{\circ}.450 - 4^{\circ}.500$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.889 801		8.891 112		1.108 888	9.998 689		.550	
451	8.889 898	97	8.891 210	98	1.108 790	9.998 688	1	549	
452	8.889 995	97	8.891 308	98	1.108 692	9.998 688	0	548	
453	8.890 093	98	8.891 406	98	1.108 594	9.998 687	1	547	
							1		
454	8.890 190	97	8.891 504	98	1.108 496	9.998 686	1	546	
455	8.890 287	97	8.891 602	98	1.108 398	9.998 686	0	545	
456	8.890 385	98	8.891 699	97	1.108 301	9.998 685	1	544	
							0		
457	8.890 482	97	8.891 797	98	1.108 203	9.998 685	1	543	98
458	8.890 579	97	8.891 895	98	1.108 105	9.998 684	1	542	1 9.8
459	8.890 676	97	8.891 993	98	1.108 007	9.998 683	1	541	2 19.6
		98		98			0		3 29.4
.460	8.890 774		8.892 091		1.107 909	9.998 683		.540	4 39.2
		97		97			1		5 49.0
461	8.890 871	97	8.892 188	97	1.107 812	9.998 682	1	539	6 58.8
462	8.890 968	97	8.892 286	98	1.107 714	9.998 682	0	538	7 68.6
463	8.891 065	97	8.892 384	98	1.107 616	9.998 681	1	537	8 78.4
							0		9 88.2
464	8.891 162	97	8.892 482	98	1.107 518	9.998 681	1	536	
465	8.891 259	97	8.892 579	97	1.107 421	9.998 680	1	535	
466	8.891 356	97	8.892 677	98	1.107 323	9.998 679	1	534	
							0		
467	8.891 453	97	8.892 775	98	1.107 225	9.998 679	1	533	
468	8.891 550	97	8.892 872	97	1.107 128	9.998 678	1	532	
469	8.891 647	97	8.892 970	98	1.107 030	9.998 678	0	531	
		97		97			1		
.470	8.891 744		8.893 067		1.106 933	9.998 677		.530	
		97		98			1		97
471	8.891 841	97	8.893 165	97	1.106 835	9.998 676	0	529	
472	8.891 938	97	8.893 262	97	1.106 738	9.998 676	1	528	
473	8.892 035	97	8.893 360	98	1.106 640	9.998 675	1	527	1 9.7
							0		2 19.4
474	8.892 132	97	8.893 457	97	1.106 543	9.998 675	1	526	3 29.1
475	8.892 229	97	8.893 555	98	1.106 445	9.998 674	1	525	4 38.8
476	8.892 326	97	8.893 652	97	1.106 348	9.998 673	1	524	5 48.5
		96		98			0		6 58.2
477	8.892 422	97	8.893 750	97	1.106 250	9.998 673	1	523	7 67.9
478	8.892 519	97	8.893 847	97	1.106 153	9.998 672	1	522	8 77.6
479	8.892 616	97	8.893 944	97	1.106 056	9.998 672	0	521	9 87.3
		97		98			1		
.480	8.892 713		8.894 042		1.105 958	9.998 671		.520	
		96		97			1		
481	8.892 809	97	8.894 139	97	1.105 861	9.998 670	1	519	
482	8.892 906	97	8.894 236	97	1.105 764	9.998 670	0	518	
483	8.893 003	97	8.894 334	98	1.105 666	9.998 669	1	517	
							0		
484	8.893 100	97	8.894 431	97	1.105 569	9.998 669	1	516	
485	8.893 196	96	8.894 528	97	1.105 472	9.998 668	1	515	
486	8.893 293	97	8.894 625	97	1.105 375	9.998 667	1	514	
		96		98			0		96
487	8.893 389	97	8.894 723	97	1.105 277	9.998 667	1	513	1 9.6
488	8.893 486	97	8.894 820	97	1.105 180	9.998 666	1	512	2 19.2
489	8.893 583	97	8.894 917	97	1.105 083	9.998 666	0	511	3 28.8
		96		97			1		4 38.4
.490	8.893 679		8.895 014		1.104 986	9.998 665		.510	5 48.0
		97		97			0		6 57.6
491	8.893 776	97	8.895 111	97	1.104 889	9.998 665	1	509	7 67.2
492	8.893 872	96	8.895 208	97	1.104 792	9.998 664	1	508	8 76.8
493	8.893 969	97	8.895 305	97	1.104 695	9.998 663	1	507	9 86.4
							0		
494	8.894 065	96	8.895 402	97	1.104 598	9.998 663	1	506	
495	8.894 161	96	8.895 499	97	1.104 501	9.998 662	1	505	
496	8.894 258	97	8.895 596	97	1.104 404	9.998 662	0	504	
							1		
497	8.894 354	96	8.895 693	97	1.104 307	9.998 661	1	503	
498	8.894 451	97	8.895 790	97	1.104 210	9.998 660	1	502	
499	8.894 547	96	8.895 887	97	1.104 113	9.998 660	0	501	
		96		97			1		
.500	8.894 643		8.895 984		1.104 016	9.998 659		.500	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.500 — 4°.550

4°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.894 643		8.895 984		1.104 016	9.998 659		.500	
501	8.894 740	97	8.896 081	97	1.103 919	9.998 659	0	499	
502	8.894 836	96	8.896 178	97	1.103 822	9.998 658	1	498	
503	8.894 932	96	8.896 275	97	1.103 725	9.998 657	1	497	
504	8.895 028	96	8.896 372	97	1.103 628	9.998 657	0	496	
505	8.895 125	97	8.896 468	96	1.103 532	9.998 656	1	495	
506	8.895 221	96	8.896 565	97	1.103 435	9.998 656	0	494	
507	8.895 317	96	8.896 662	97	1.103 338	9.998 655	1	493	97
508	8.895 413	96	8.896 759	97	1.103 241	9.998 654	1	492	1 9.7
509	8.895 509	96	8.896 855	96	1.103 145	9.998 654	0	491	2 19.4
.510	8.895 605	96	8.896 952	97	1.103 048	9.998 653	1	.490	3 29.1
511	8.895 701	96	8.897 049	97	1.102 951	9.998 653	0	489	4 38.8
512	8.895 797	96	8.897 146	97	1.102 854	9.998 652	1	488	5 48.5
513	8.895 894	97	8.897 242	96	1.102 758	9.998 651	1	487	6 58.2
514	8.895 990	96	8.897 339	97	1.102 661	9.998 651	0	486	7 67.9
515	8.896 086	96	8.897 435	96	1.102 565	9.998 650	1	485	8 77.6
516	8.896 182	96	8.897 532	97	1.102 468	9.998 650	0	484	9 87.3
517	8.896 277	95	8.897 629	97	1.102 371	9.998 649	1	483	
518	8.896 373	96	8.897 725	96	1.102 275	9.998 648	1	482	
519	8.896 469	96	8.897 822	97	1.102 178	9.998 648	0	481	
.520	8.896 565	96	8.897 918	96	1.102 082	9.998 647	1	.480	
521	8.896 661	96	8.898 015	97	1.101 985	9.998 647	0	479	96
522	8.896 757	96	8.898 111	96	1.101 889	9.998 646	1	478	1 9.6
523	8.896 853	96	8.898 207	96	1.101 793	9.998 645	1	477	2 19.2
524	8.896 949	96	8.898 304	97	1.101 696	9.998 645	0	476	3 28.8
525	8.897 044	95	8.898 400	96	1.101 600	9.998 644	1	475	4 38.4
526	8.897 140	96	8.898 497	97	1.101 503	9.998 644	0	474	5 48.0
527	8.897 236	96	8.898 593	96	1.101 407	9.998 643	1	473	6 57.6
528	8.897 332	96	8.898 689	96	1.101 311	9.998 642	1	472	7 67.2
529	8.897 427	95	8.898 786	97	1.101 214	9.998 642	0	471	8 76.8
.530	8.897 523	96	8.898 882	96	1.101 118	9.998 641	1	.470	9 86.4
531	8.897 619	96	8.898 978	96	1.101 022	9.998 641	0	469	
532	8.897 714	95	8.899 074	96	1.100 926	9.998 640	1	468	
533	8.897 810	96	8.899 171	97	1.100 829	9.998 639	1	467	
534	8.897 906	96	8.899 267	96	1.100 733	9.998 639	0	466	
535	8.898 001	95	8.899 363	96	1.100 637	9.998 638	1	465	
536	8.898 097	96	8.899 459	96	1.100 541	9.998 638	0	464	
537	8.898 192	95	8.899 555	96	1.100 445	9.998 637	1	463	95
538	8.898 288	96	8.899 651	96	1.100 349	9.998 636	1	462	1 9.5
539	8.898 383	95	8.899 747	96	1.100 253	9.998 636	0	461	2 19.0
.540	8.898 479	96	8.899 843	96	1.100 157	9.998 635	1	.460	3 28.5
541	8.898 574	95	8.899 940	97	1.100 060	9.998 635	0	459	4 38.0
542	8.898 670	96	8.900 036	96	1.099 964	9.998 634	1	458	5 47.5
543	8.898 765	95	8.900 132	96	1.099 868	9.998 633	1	457	6 57.0
544	8.898 860	95	8.900 228	96	1.099 772	9.998 633	0	456	7 66.5
545	8.898 956	96	8.900 324	96	1.099 676	9.998 632	1	455	8 76.0
546	8.899 051	95	8.900 419	95	1.099 581	9.998 632	0	454	9 85.5
547	8.899 146	95	8.900 515	96	1.099 485	9.998 631	1	453	
548	8.899 242	96	8.900 611	96	1.099 389	9.998 630	1	452	
549	8.899 337	95	8.900 707	96	1.099 293	9.998 630	0	451	
.550	8.899 432	95	8.900 803	96	1.099 197	9.998 629	1	.450	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.500 — 85°.450

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.550 — 4°.600

4°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.899 432		8.900 803		1.099 197	9.998 629		.450	
551	8.899 527	95	8.900 899	96	1.099 101	9.998 629	0	449	
552	8.899 623	96	8.900 995	96	1.099 005	9.998 628	1	448	
553	8.899 718	95	8.901 091	96	1.098 909	9.998 627	1	447	
554	8.899 813	95	8.901 186	95	1.098 814	9.998 627	0	446	
555	8.899 908	95	8.901 282	96	1.098 718	9.998 626	1	445	
556	8.900 003	95	8.901 378	96	1.098 622	9.998 626	0	444	
557	8.900 098	95	8.901 473	95	1.098 527	9.998 625	1	443	96
558	8.900 194	96	8.901 569	96	1.098 431	9.998 624	1	442	1 9.6
559	8.900 289	95	8.901 665	96	1.098 335	9.998 624	0	441	2 19.2
.560	8.900 384	95	8.901 761	96	1.098 239	9.998 623	1	.440	3 28.8
561	8.900 479	95	8.901 856	95	1.098 144	9.998 623	0	439	4 38.4
562	8.900 574	95	8.901 952	96	1.098 048	9.998 622	1	438	5 48.0
563	8.900 669	95	8.902 047	95	1.097 953	9.998 621	1	437	6 57.6
564	8.900 764	95	8.902 143	96	1.097 857	9.998 621	0	436	7 67.2
565	8.900 859	95	8.902 238	95	1.097 762	9.998 620	1	435	8 76.8
566	8.900 953	94	8.902 334	96	1.097 666	9.998 619	1	434	9 86.4
567	8.901 048	95	8.902 430	96	1.097 570	9.998 619	0	433	
568	8.901 143	95	8.902 525	95	1.097 475	9.998 618	1	432	
569	8.901 238	95	8.902 620	95	1.097 380	9.998 618	0	431	
.570	8.901 333	95	8.902 716	96	1.097 284	9.998 617	1	.430	
571	8.901 428	95	8.902 811	95	1.097 189	9.998 616	1	429	95
572	8.901 523	95	8.902 907	96	1.097 093	9.998 616	0	428	
573	8.901 617	94	8.903 002	95	1.096 998	9.998 615	1	427	1 9.5
574	8.901 712	95	8.903 097	95	1.096 903	9.998 615	0	426	2 19.0
575	8.901 807	95	8.903 193	96	1.096 807	9.998 614	1	425	3 28.5
576	8.901 902	95	8.903 288	95	1.096 712	9.998 613	1	424	4 38.0
577	8.901 996	94	8.903 383	95	1.096 617	9.998 613	0	423	5 47.5
578	8.902 091	95	8.903 479	96	1.096 521	9.998 612	1	422	6 57.0
579	8.902 186	95	8.903 574	95	1.096 426	9.998 612	0	421	7 66.5
.580	8.902 280	94	8.903 669	95	1.096 331	9.998 611	1	.420	8 76.0
581	8.902 375	95	8.903 764	95	1.096 236	9.998 610	1	419	9 85.5
582	8.902 469	94	8.903 860	96	1.096 140	9.998 610	0	418	
583	8.902 564	95	8.903 955	95	1.096 045	9.998 609	1	417	
584	8.902 659	95	8.904 050	95	1.095 950	9.998 609	0	416	
585	8.902 753	94	8.904 145	95	1.095 855	9.998 608	1	415	
586	8.902 848	95	8.904 240	95	1.095 760	9.998 607	1	414	
587	8.902 942	94	8.904 335	95	1.095 665	9.998 607	0	413	94
588	8.903 037	95	8.904 430	95	1.095 570	9.998 606	1	412	1 9.4
589	8.903 131	94	8.904 525	95	1.095 475	9.998 606	0	411	2 18.8
.590	8.903 225	94	8.904 621	96	1.095 379	9.998 605	1	.410	3 28.2
591	8.903 320	95	8.904 716	95	1.095 284	9.998 604	1	409	4 37.6
592	8.903 414	94	8.904 811	95	1.095 189	9.998 604	0	408	5 47.0
593	8.903 509	95	8.904 905	94	1.095 095	9.998 603	1	407	6 56.4
594	8.903 603	94	8.905 000	95	1.095 000	9.998 602	1	406	7 65.8
595	8.903 697	94	8.905 095	95	1.094 905	9.998 602	0	405	8 75.2
596	8.903 792	95	8.905 190	95	1.094 810	9.998 601	1	404	9 84.6
597	8.903 886	94	8.905 285	95	1.094 715	9.998 601	0	403	
598	8.903 980	94	8.905 380	95	1.094 620	9.998 600	1	402	
599	8.904 074	94	8.905 475	95	1.094 525	9.998 599	1	401	
.600	8.904 169	95	8.905 570	95	1.094 430	9.998 599	0	.400	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.450 — 85°.400

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.600 — 4°.650

4°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.904 169		8.905 570		1.094 430	9.998 599		.400	
601	8.904 263	94	8.905 665	95	1.094 335	9.998 598	1	399	
602	8.904 357	94	8.905 759	94	1.094 241	9.998 598	0	398	
603	8.904 451	94	8.905 854	95	1.094 146	9.998 597	1	397	
604	8.904 545	94	8.905 949	95	1.094 051	9.998 596	1	396	
605	8.904 639	94	8.906 044	95	1.093 956	9.998 596	0	395	
606	8.904 733	94	8.906 138	94	1.093 862	9.998 595	1	394	
607	8.904 828	95	8.906 233	95	1.093 767	9.998 595	0	393	95
608	8.904 922	94	8.906 328	95	1.093 672	9.998 594	1	392	1 9.5
609	8.905 016	94	8.906 422	94	1.093 578	9.998 593	1	391	2 19.0
.610	8.905 110	94	8.906 517	95	1.093 483	9.998 593	0	.390	3 28.5
611	8.905 204	94	8.906 611	94	1.093 389	9.998 592	1	389	4 38.0
612	8.905 298	94	8.906 706	95	1.093 294	9.998 591	1	388	5 47.5
613	8.905 392	94	8.906 801	95	1.093 199	9.998 591	0	387	6 57.0
614	8.905 485	93	8.906 895	94	1.093 105	9.998 590	1	386	7 66.5
615	8.905 579	94	8.906 990	95	1.093 010	9.998 590	0	385	8 76.0
616	8.905 673	94	8.907 084	94	1.092 916	9.998 589	1	384	9 85.5
617	8.905 767	94	8.907 179	95	1.092 821	9.998 588	1	383	
618	8.905 861	94	8.907 273	94	1.092 727	9.998 588	0	382	
619	8.905 955	94	8.907 368	95	1.092 632	9.998 587	1	381	
.620	8.906 049	94	8.907 462	94	1.092 538	9.998 587	0	.380	
621	8.906 142	93	8.907 556	94	1.092 444	9.998 586	1	379	94
622	8.906 236	94	8.907 651	95	1.092 349	9.998 585	1	378	1 9.4
623	8.906 330	94	8.907 745	94	1.092 255	9.998 585	0	377	2 18.8
624	8.906 424	94	8.907 840	95	1.092 160	9.998 584	1	376	3 28.2
625	8.906 517	93	8.907 934	94	1.092 066	9.998 584	0	375	4 37.6
626	8.906 611	94	8.908 028	94	1.091 972	9.998 583	1	374	5 47.0
627	8.906 705	94	8.908 122	94	1.091 878	9.998 582	1	373	6 56.4
628	8.906 798	93	8.908 217	95	1.091 783	9.998 582	0	372	7 65.8
629	8.906 892	94	8.908 311	94	1.091 689	9.998 581	1	371	8 75.2
.630	8.906 986	94	8.908 405	94	1.091 595	9.998 580	1	.370	9 84.6
631	8.907 079	93	8.908 499	94	1.091 501	9.998 580	0	369	
632	8.907 173	94	8.908 594	95	1.091 406	9.998 579	1	368	
633	8.907 266	93	8.908 688	94	1.091 312	9.998 579	0	367	
634	8.907 360	94	8.908 782	94	1.091 218	9.998 578	1	366	
635	8.907 453	93	8.908 876	94	1.091 124	9.998 577	1	365	
636	8.907 547	94	8.908 970	94	1.091 030	9.998 577	0	364	93
637	8.907 640	93	8.909 064	94	1.090 936	9.998 576	1	363	1 9.3
638	8.907 734	94	8.909 158	94	1.090 842	9.998 576	0	362	2 18.6
639	8.907 827	93	8.909 252	94	1.090 748	9.998 575	1	361	3 27.9
.640	8.907 921	94	8.909 346	94	1.090 654	9.998 574	1	.360	4 37.2
641	8.908 014	93	8.909 440	94	1.090 560	9.998 574	0	359	5 46.5
642	8.908 107	93	8.909 534	94	1.090 466	9.998 573	1	358	6 55.8
643	8.908 201	94	8.909 628	94	1.090 372	9.998 572	1	357	7 65.1
644	8.908 294	93	8.909 722	94	1.090 278	9.998 572	0	356	8 74.4
645	8.908 387	93	8.909 816	94	1.090 184	9.998 571	1	355	9 83.7
646	8.908 481	94	8.909 910	94	1.090 090	9.998 571	0	354	
647	8.908 574	93	8.910 004	94	1.089 996	9.998 570	1	353	
648	8.908 667	93	8.910 098	94	1.089 902	9.998 569	1	352	
649	8.908 760	93	8.910 191	93	1.089 809	9.998 569	0	351	
.650	8.908 853	93	8.910 285	94	1.089 715	9.998 568	1	.350	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.400 — 85°.350

$4^{\circ}.650 - 4^{\circ}.700$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.908 853		8.910 285		1.089 715	9.998 568		.350	
651	8.908 947	94	8.910 379	94	1.089 621	9.998 568	0	349	
652	8.909 040	93	8.910 473	94	1.089 527	9.998 567	1	348	
653	8.909 133	93	8.910 567	94	1.089 433	9.998 566	1	347	
654	8.909 226	93	8.910 660	93	1.089 340	9.998 566	0	346	
655	8.909 319	93	8.910 754	94	1.089 246	9.998 565	1	345	
656	8.909 412	93	8.910 848	94	1.089 152	9.998 564	1	344	
657	8.909 505	93	8.910 941	93	1.089 059	9.998 564	0	343	94
658	8.909 598	93	8.911 035	94	1.088 965	9.998 563	1	342	1 9.4
659	8.909 691	93	8.911 129	94	1.088 871	9.998 563	0	341	2 18.8
.660	8.909 784	93	8.911 222	93	1.088 778	9.998 562	1	.340	3 28.2
661	8.909 877	93	8.911 316	94	1.088 684	9.998 561	1	339	4 37.6
662	8.909 970	93	8.911 410	94	1.088 590	9.998 561	0	338	5 47.0
663	8.910 063	93	8.911 503	93	1.088 497	9.998 560	1	337	6 56.4
664	8.910 156	93	8.911 597	94	1.088 403	9.998 560	0	336	7 65.8
665	8.910 249	93	8.911 690	93	1.088 310	9.998 559	1	335	8 75.2
666	8.910 342	93	8.911 784	94	1.088 216	9.998 558	1	334	9 84.6
667	8.910 435	93	8.911 877	93	1.088 123	9.998 558	0	333	
668	8.910 528	93	8.911 971	94	1.088 029	9.998 557	1	332	
669	8.910 620	92	8.912 064	93	1.087 936	9.998 556	1	331	
.670	8.910 713	93	8.912 157	93	1.087 843	9.998 556	0	.330	
671	8.910 806	93	8.912 251	94	1.087 749	9.998 555	1	329	93
672	8.910 899	93	8.912 344	93	1.087 656	9.998 555	0	328	
673	8.910 992	93	8.912 438	94	1.087 562	9.998 554	1	327	1 9.3
674	8.911 084	92	8.912 531	93	1.087 469	9.998 553	1	326	2 18.6
675	8.911 177	93	8.912 624	93	1.087 376	9.998 553	0	325	3 27.9
676	8.911 270	93	8.912 718	94	1.087 282	9.998 552	1	324	4 37.2
677	8.911 362	92	8.912 811	93	1.087 189	9.998 551	1	323	5 46.5
678	8.911 455	93	8.912 904	93	1.087 096	9.998 551	0	322	6 55.8
679	8.911 548	93	8.912 997	93	1.087 003	9.998 550	1	321	7 65.1
.680	8.911 640	92	8.913 091	94	1.086 909	9.998 550	0	.320	8 74.4
681	8.911 733	93	8.913 184	93	1.086 816	9.998 549	1	319	9 83.7
682	8.911 825	92	8.913 277	93	1.086 723	9.998 548	1	318	
683	8.911 918	93	8.913 370	93	1.086 630	9.998 548	0	317	
684	8.912 010	92	8.913 463	93	1.086 537	9.998 547	1	316	
685	8.912 103	93	8.913 556	93	1.086 444	9.998 547	0	315	
686	8.912 195	92	8.913 649	93	1.086 351	9.998 546	1	314	92
687	8.912 288	93	8.913 743	94	1.086 257	9.998 545	1	313	1 9.2
688	8.912 380	92	8.913 836	93	1.086 164	9.998 545	0	312	2 18.4
689	8.912 473	93	8.913 929	93	1.086 071	9.998 544	1	311	3 27.6
.690	8.912 565	92	8.914 022	93	1.085 978	9.998 543	1	.310	4 36.8
691	8.912 657	92	8.914 115	93	1.085 885	9.998 543	0	309	5 46.0
692	8.912 750	93	8.914 208	93	1.085 792	9.998 542	1	308	6 55.2
693	8.912 842	92	8.914 301	93	1.085 699	9.998 542	0	307	7 64.4
694	8.912 935	93	8.914 394	93	1.085 606	9.998 541	1	306	8 73.6
695	8.913 027	92	8.914 487	93	1.085 513	9.998 540	0	305	9 82.8
696	8.913 119	92	8.914 579	92	1.085 421	9.998 540	1	304	
697	8.913 211	92	8.914 672	93	1.085 328	9.998 539	1	303	
698	8.913 304	93	8.914 765	93	1.085 235	9.998 538	0	302	
699	8.913 396	92	8.914 858	93	1.085 142	9.998 538	1	301	
.700	8.913 488	92	8.914 951	93	1.085 049	9.998 537	0	.300	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

4°.700 — 4°.750

4°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.913 488		8.914 951		1.085 049	9.998 537		.300	
701	8.913 580	92	8.915 044	93	1.084 956	9.998 537	0	299	
702	8.913 672	92	8.915 136	92	1.084 864	9.998 536	1	298	
703	8.913 765	93	8.915 229	93	1.084 771	9.998 535	1	297	
704	8.913 857	92	8.915 322	93	1.084 678	9.998 535	0	296	
705	8.913 949	92	8.915 415	93	1.084 585	9.998 534	1	295	
706	8.914 041	92	8.915 507	92	1.084 493	9.998 533	1	294	
707	8.914 133	92	8.915 600	93	1.084 400	9.998 533	0	293	93
708	8.914 225	92	8.915 693	93	1.084 307	9.998 532	1	292	1 9.3
709	8.914 317	92	8.915 785	92	1.084 215	9.998 532	0	291	2 18.6
.710	8.914 409	92	8.915 878	93	1.084 122	9.998 531	1	.290	3 27.9
711	8.914 501	92	8.915 971	93	1.084 029	9.998 530	1	289	4 37.2
712	8.914 593	92	8.916 063	92	1.083 937	9.998 530	0	288	5 46.5
713	8.914 685	92	8.916 156	93	1.083 844	9.998 529	1	287	6 55.8
714	8.914 777	92	8.916 248	92	1.083 752	9.998 528	1	286	7 65.1
715	8.914 869	92	8.916 341	93	1.083 659	9.998 528	0	285	8 74.4
716	8.914 961	92	8.916 433	92	1.083 567	9.998 527	1	284	9 83.7
717	8.915 053	92	8.916 526	93	1.083 474	9.998 527	0	283	
718	8.915 144	91	8.916 618	92	1.083 382	9.998 526	1	282	
719	8.915 236	92	8.916 711	93	1.083 289	9.998 525	1	281	
.720	8.915 328	92	8.916 803	92	1.083 197	9.998 525	0	.280	
721	8.915 420	92	8.916 896	93	1.083 104	9.998 524	1	279	92
722	8.915 512	92	8.916 988	92	1.083 012	9.998 523	1	278	
723	8.915 603	91	8.917 081	93	1.082 919	9.998 523	0	277	1 9.2
724	8.915 695	92	8.917 173	92	1.082 827	9.998 522	1	276	2 18.4
725	8.915 787	92	8.917 265	92	1.082 735	9.998 522	0	275	3 27.6
726	8.915 879	92	8.917 358	93	1.082 642	9.998 521	1	274	4 36.8
727	8.915 970	91	8.917 450	92	1.082 550	9.998 520	1	273	5 46.0
728	8.916 062	92	8.917 542	92	1.082 458	9.998 520	0	272	6 55.2
729	8.916 153	91	8.917 634	92	1.082 366	9.998 519	1	271	7 64.4
.730	8.916 245	92	8.917 727	93	1.082 273	9.998 518	1	.270	8 73.6
731	8.916 337	92	8.917 819	92	1.082 181	9.998 518	0	269	9 82.8
732	8.916 428	91	8.917 911	92	1.082 089	9.998 517	1	268	
733	8.916 520	92	8.918 003	92	1.081 997	9.998 517	0	267	
734	8.916 611	91	8.918 095	92	1.081 905	9.998 516	1	266	
735	8.916 703	92	8.918 188	93	1.081 812	9.998 515	1	265	
736	8.916 794	91	8.918 280	92	1.081 720	9.998 515	0	264	91
737	8.916 886	92	8.918 372	92	1.081 628	9.998 514	1	263	
738	8.916 977	91	8.918 464	92	1.081 536	9.998 513	1	262	
739	8.917 069	92	8.918 556	92	1.081 444	9.998 513	0	261	
.740	8.917 160	91	8.918 648	92	1.081 352	9.998 512	1	.260	
741	8.917 252	92	8.918 740	92	1.081 260	9.998 512	0	259	
742	8.917 343	91	8.918 832	92	1.081 168	9.998 511	1	258	
743	8.917 434	91	8.918 924	92	1.081 076	9.998 510	1	257	
744	8.917 526	92	8.919 016	92	1.080 984	9.998 510	0	256	
745	8.917 617	91	8.919 108	92	1.080 892	9.998 509	1	255	
746	8.917 708	91	8.919 200	92	1.080 800	9.998 508	1	254	
747	8.917 800	92	8.919 292	92	1.080 708	9.998 508	0	253	
748	8.917 891	91	8.919 384	92	1.080 616	9.998 507	1	252	
749	8.917 982	91	8.919 476	92	1.080 524	9.998 506	1	251	
.750	8.918 073	91	8.919 568	92	1.080 432	9.998 506	0	.250	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$4^{\circ}.750 - 4^{\circ}.800$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.750	8.918 073		8.919 568		1.080 432	9.998 506		.250	
751	8.918 165	92	8.919 659	91	1.080 341	9.998 505	1	249	
752	8.918 256	91	8.919 751	92	1.080 249	9.998 505	0	248	
753	8.918 347	91	8.919 843	92	1.080 157	9.998 504	1	247	
							1		
754	8.918 438	91	8.919 935	92	1.080 065	9.998 503	1	246	
755	8.918 529	91	8.920 027	92	1.079 973	9.998 503	0	245	
756	8.918 620	91	8.920 118	91	1.079 882	9.998 502	1	244	
							1		
757	8.918 711	91	8.920 210	92	1.079 790	9.998 501	1	243	92
758	8.918 803	92	8.920 302	92	1.079 698	9.998 501	0	242	1 9.2
759	8.918 894	91	8.920 393	91	1.079 607	9.998 500	1	241	2 18.4
							0		3 27.6
.760	8.918 985	91	8.920 485	92	1.079 515	9.998 500	1	.240	4 36.8
							1		5 46.0
761	8.919 076	91	8.920 577	92	1.079 423	9.998 499	1	239	6 55.2
762	8.919 167	91	8.920 668	91	1.079 332	9.998 498	1	238	7 64.4
763	8.919 258	91	8.920 760	92	1.079 240	9.998 498	0	237	8 73.6
							1		9 82.8
764	8.919 349	91	8.920 852	92	1.079 148	9.998 497	1	236	
765	8.919 440	91	8.920 943	91	1.079 057	9.998 496	1	235	
766	8.919 530	90	8.921 035	92	1.078 965	9.998 496	0	234	
							1		
767	8.919 621	91	8.921 126	91	1.078 874	9.998 495	1	233	
768	8.919 712	91	8.921 218	92	1.078 782	9.998 494	1	232	
769	8.919 803	91	8.921 309	91	1.078 691	9.998 494	0	231	
							1		
.770	8.919 894	91	8.921 401	92	1.078 599	9.998 493	0	.230	
							1		
771	8.919 985	91	8.921 492	91	1.078 508	9.998 493	1	229	91
772	8.920 076	91	8.921 584	92	1.078 416	9.998 492	1	228	
773	8.920 166	90	8.921 675	91	1.078 325	9.998 491	1	227	1 9.1
							0		2 18.2
774	8.920 257	91	8.921 766	91	1.078 234	9.998 491	1	226	3 27.3
775	8.920 348	91	8.921 858	92	1.078 142	9.998 490	1	225	4 36.4
776	8.920 439	91	8.921 949	91	1.078 051	9.998 489	1	224	5 45.5
							0		6 54.6
777	8.920 529	90	8.922 041	92	1.077 959	9.998 489	1	223	7 63.7
778	8.920 620	91	8.922 132	91	1.077 868	9.998 488	1	222	8 72.8
779	8.920 711	91	8.922 223	91	1.077 777	9.998 488	0	221	9 81.9
							1		
.780	8.920 801	90	8.922 314	91	1.077 686	9.998 487	1	.220	
							1		
781	8.920 892	91	8.922 406	92	1.077 594	9.998 486	1	219	
782	8.920 983	91	8.922 497	91	1.077 503	9.998 486	0	218	
783	8.921 073	90	8.922 588	91	1.077 412	9.998 485	1	217	
							1		
784	8.921 164	91	8.922 679	91	1.077 321	9.998 484	1	216	
785	8.921 254	90	8.922 771	92	1.077 229	9.998 484	0	215	
786	8.921 345	91	8.922 862	91	1.077 138	9.998 483	1	214	
							1		
787	8.921 435	90	8.922 953	91	1.077 047	9.998 482	1	213	90
788	8.921 526	91	8.923 044	91	1.076 956	9.998 482	0	212	1 9.0
789	8.921 616	90	8.923 135	91	1.076 865	9.998 481	1	211	2 18.0
							0		3 27.0
.790	8.921 707	91	8.923 226	91	1.076 774	9.998 481	1	.210	4 36.0
							1		5 45.0
791	8.921 797	90	8.923 317	91	1.076 683	9.998 480	1	209	6 54.0
792	8.921 888	91	8.923 408	91	1.076 592	9.998 479	1	208	7 63.0
793	8.921 978	90	8.923 500	92	1.076 500	9.998 479	0	207	8 72.0
							1		9 81.0
794	8.922 069	91	8.923 591	91	1.076 409	9.998 478	1	206	
795	8.922 159	90	8.923 682	91	1.076 318	9.998 477	1	205	
796	8.922 249	90	8.923 773	91	1.076 227	9.998 477	0	204	
							1		
797	8.922 340	91	8.923 863	90	1.076 137	9.998 476	1	203	
798	8.922 430	90	8.923 954	91	1.076 046	9.998 475	1	202	
799	8.922 520	90	8.924 045	91	1.075 955	9.998 475	0	201	
							1		
.800	8.922 610	90	8.924 136	91	1.075 864	9.998 474	1	.200	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

$85^{\circ}.250 - 85^{\circ}.200$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

4°.800 — 4°.850

4°	sin	d	tang	d	cotg	cos	d		P.P.
.800	8.922 610		8.924 136		1.075 864	9.998 474		.200	
801	8.922 701	91	8.924 227	91	1.075 773	9.998 474	0	199	
802	8.922 791	90	8.924 318	91	1.075 682	9.998 473	1	198	
803	8.922 881	90	8.924 409	91	1.075 591	9.998 472	1	197	
804	8.922 971	90	8.924 500	91	1.075 500	9.998 472	0	196	
805	8.923 062	91	8.924 591	91	1.075 409	9.998 471	1	195	
806	8.923 152	90	8.924 681	90	1.075 319	9.998 470	1	194	
807	8.923 242	90	8.924 772	91	1.075 228	9.998 470	0	193	91
808	8.923 332	90	8.924 863	91	1.075 137	9.998 469	1	192	1 9.1
809	8.923 422	90	8.924 954	91	1.075 046	9.998 468	1	191	2 18.2
.810	8.923 512	90	8.925 044	90	1.074 956	9.998 468	0	.190	3 27.3
811	8.923 602	90	8.925 135	91	1.074 865	9.998 467	1	189	4 36.4
812	8.923 692	90	8.925 226	91	1.074 774	9.998 467	0	188	5 45.5
813	8.923 782	90	8.925 316	90	1.074 684	9.998 466	1	187	6 54.6
814	8.923 872	90	8.925 407	91	1.074 593	9.998 465	1	186	7 63.7
815	8.923 962	90	8.925 498	91	1.074 502	9.998 465	0	185	8 72.8
816	8.924 052	90	8.925 588	90	1.074 412	9.998 464	1	184	9 81.9
817	8.924 142	90	8.925 679	91	1.074 321	9.998 463	1	183	
818	8.924 232	90	8.925 770	91	1.074 230	9.998 463	0	182	
819	8.924 322	90	8.925 860	90	1.074 140	9.998 462	1	181	
.820	8.924 412	90	8.925 951	91	1.074 049	9.998 461	1	.180	
821	8.924 502	90	8.926 041	90	1.073 959	9.998 461	0	179	90
822	8.924 592	90	8.926 132	91	1.073 868	9.998 460	1	178	
823	8.924 682	90	8.926 222	90	1.073 778	9.998 460	0	177	1 9.0
824	8.924 771	89	8.926 313	91	1.073 687	9.998 459	1	176	2 18.0
825	8.924 861	90	8.926 403	90	1.073 597	9.998 458	1	175	3 27.0
826	8.924 951	90	8.926 493	90	1.073 507	9.998 458	0	174	4 36.0
827	8.925 041	90	8.926 584	91	1.073 416	9.998 457	1	173	5 45.0
828	8.925 131	90	8.926 674	90	1.073 326	9.998 456	1	172	6 54.0
829	8.925 220	89	8.926 765	91	1.073 235	9.998 456	0	171	7 63.0
.830	8.925 310	90	8.926 855	90	1.073 145	9.998 455	1	.170	8 72.0
831	8.925 400	90	8.926 945	90	1.073 055	9.998 454	0	169	9 81.0
832	8.925 489	89	8.927 036	91	1.072 964	9.998 454	1	168	
833	8.925 579	90	8.927 126	90	1.072 874	9.998 453	1	167	
834	8.925 669	90	8.927 216	90	1.072 784	9.998 452	1	166	
835	8.925 758	89	8.927 306	90	1.072 694	9.998 452	0	165	
836	8.925 848	90	8.927 397	91	1.072 603	9.998 451	1	164	
837	8.925 937	89	8.927 487	90	1.072 513	9.998 451	0	163	89
838	8.926 027	90	8.927 577	90	1.072 423	9.998 450	1	162	1 8.9
839	8.926 117	90	8.927 667	90	1.072 333	9.998 449	1	161	2 17.8
.840	8.926 206	89	8.927 757	90	1.072 243	9.998 449	0	.160	3 26.7
841	8.926 296	90	8.927 848	91	1.072 152	9.998 448	1	159	4 35.6
842	8.926 385	89	8.927 938	90	1.072 062	9.998 447	1	158	5 44.5
843	8.926 475	90	8.928 028	90	1.071 972	9.998 447	0	157	6 53.4
844	8.926 564	89	8.928 118	90	1.071 882	9.998 446	1	156	7 62.3
845	8.926 653	89	8.928 208	90	1.071 792	9.998 445	1	155	8 71.2
846	8.926 743	90	8.928 298	90	1.071 702	9.998 445	0	154	9 80.1
847	8.926 832	89	8.928 388	90	1.071 612	9.998 444	1	153	
848	8.926 922	90	8.928 478	90	1.071 522	9.998 443	1	152	
849	8.927 011	89	8.928 568	90	1.071 432	9.998 443	0	151	
.850	8.927 100	89	8.928 658	90	1.071 342	9.998 442	1	.150	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

85°.200 — 85°.150

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$4^{\circ}.850 - 4^{\circ}.900$

4°	sin	d	tang	d	cotg	cos	d		P.P.
.850	8.927 100		8.928 658		1.071 342	9.998 442		.150	
851	8.927 190	90	8.928 748	90	1.071 252	9.998 442	0	149	
852	8.927 279	89	8.928 838	90	1.071 162	9.998 441	1	148	
853	8.927 368	89	8.928 928	90	1.071 072	9.998 440	1	147	
854	8.927 458	90	8.929 018	90	1.070 982	9.998 440	0	146	
855	8.927 547	89	8.929 108	90	1.070 892	9.998 439	1	145	
856	8.927 636	89	8.929 198	90	1.070 802	9.998 438	1	144	
857	8.927 725	89	8.929 288	90	1.070 712	9.998 438	0	143	90
858	8.927 814	89	8.929 377	89	1.070 623	9.998 437	1	142	1 9.0
859	8.927 904	90	8.929 467	90	1.070 533	9.998 436	1	141	2 18.0
.860	8.927 993	89	8.929 557	90	1.070 443	9.998 436	0	.140	3 27.0
861	8.928 082	89	8.929 647	90	1.070 353	9.998 435	1	139	4 36.0
862	8.928 171	89	8.929 737	90	1.070 263	9.998 434	1	138	5 45.0
863	8.928 260	89	8.929 826	89	1.070 174	9.998 434	0	137	6 54.0
864	8.928 349	89	8.929 916	90	1.070 084	9.998 433	1	136	7 63.0
865	8.928 438	89	8.930 006	90	1.069 994	9.998 433	0	135	8 72.0
866	8.928 527	89	8.930 095	89	1.069 905	9.998 432	1	134	9 81.0
867	8.928 616	89	8.930 185	90	1.069 815	9.998 431	1	133	
868	8.928 705	89	8.930 275	90	1.069 725	9.998 431	0	132	
869	8.928 794	89	8.930 364	89	1.069 636	9.998 430	1	131	
.870	8.928 883	89	8.930 454	90	1.069 546	9.998 429	1	.130	
871	8.928 972	89	8.930 544	90	1.069 456	9.998 429	0	129	89
872	8.929 061	89	8.930 633	89	1.069 367	9.998 428	1	128	1 8.9
873	8.929 150	89	8.930 723	90	1.069 277	9.998 427	1	127	2 17.8
874	8.929 239	89	8.930 812	89	1.069 188	9.998 427	0	126	3 26.7
875	8.929 328	89	8.930 902	90	1.069 098	9.998 426	1	125	4 35.6
876	8.929 417	89	8.930 991	89	1.069 009	9.998 425	1	124	5 44.5
877	8.929 506	89	8.931 081	90	1.068 919	9.998 425	0	123	6 53.4
878	8.929 594	88	8.931 170	89	1.068 830	9.998 424	1	122	7 62.3
879	8.929 683	89	8.931 260	90	1.068 740	9.998 423	1	121	8 71.2
.880	8.929 772	89	8.931 349	89	1.068 651	9.998 423	0	.120	9 80.1
881	8.929 861	89	8.931 439	90	1.068 561	9.998 422	1	119	
882	8.929 950	89	8.931 528	89	1.068 472	9.998 422	0	118	
883	8.930 038	88	8.931 617	89	1.068 383	9.998 421	1	117	
884	8.930 127	89	8.931 707	90	1.068 293	9.998 420	1	116	
885	8.930 216	89	8.931 796	89	1.068 204	9.998 420	0	115	
886	8.930 304	88	8.931 885	89	1.068 115	9.998 419	1	114	
887	8.930 393	89	8.931 975	90	1.068 025	9.998 418	1	113	88
888	8.930 482	89	8.932 064	89	1.067 936	9.998 418	0	112	1 8.8
889	8.930 570	88	8.932 153	89	1.067 847	9.998 417	1	111	2 17.6
.890	8.930 659	89	8.932 242	89	1.067 758	9.998 416	1	.110	3 26.4
891	8.930 747	88	8.932 332	90	1.067 668	9.998 416	0	109	4 35.2
892	8.930 836	89	8.932 421	89	1.067 579	9.998 415	1	108	5 44.0
893	8.930 925	89	8.932 510	89	1.067 490	9.998 414	1	107	6 52.8
894	8.931 013	88	8.932 599	89	1.067 401	9.998 414	0	106	7 61.6
895	8.931 102	89	8.932 688	89	1.067 312	9.998 413	1	105	8 70.4
896	8.931 190	88	8.932 778	90	1.067 222	9.998 412	1	104	9 79.2
897	8.931 279	89	8.932 867	89	1.067 133	9.998 412	0	103	
898	8.931 367	88	8.932 956	89	1.067 044	9.998 411	1	102	
899	8.931 455	88	8.933 045	89	1.066 955	9.998 411	0	101	
.900	8.931 544	89	8.933 134	89	1.066 866	9.998 410	1	.100	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

$85^{\circ}.150 - 85^{\circ}.100$

4°.900 — 4°.950

4°	sin	d	tang	d	cotg	cos	d		P.P.
.900	8.931 544	88	8.933 134	89	1.066 866	9.998 410	1	.100	
901	8.931 632	89	8.933 223	89	1.066 777	9.998 409	0	099	
902	8.931 721	88	8.933 312	89	1.066 688	9.998 409	1	098	
903	8.931 809	88	8.933 401	89	1.066 599	9.998 408	1	097	
904	8.931 897	89	8.933 490	89	1.066 510	9.998 407	1	096	
905	8.931 986	88	8.933 579	89	1.066 421	9.998 407	0	095	
906	8.932 074	88	8.933 668	89	1.066 332	9.998 406	1	094	
907	8.932 162	89	8.933 757	89	1.066 243	9.998 405	1	093	89
908	8.932 251	88	8.933 846	89	1.066 154	9.998 405	0	092	1 8.9
909	8.932 339	88	8.933 935	89	1.066 065	9.998 404	1	091	2 17.8
.910	8.932 427	88	8.934 024	89	1.065 976	9.998 403	1	.090	3 26.7
911	8.932 515	88	8.934 113	89	1.065 887	9.998 403	0	089	4 35.6
912	8.932 604	89	8.934 202	89	1.065 798	9.998 402	1	088	5 44.5
913	8.932 692	88	8.934 290	88	1.065 710	9.998 401	1	087	6 53.4
914	8.932 780	88	8.934 379	89	1.065 621	9.998 401	0	086	7 62.3
915	8.932 868	88	8.934 468	89	1.065 532	9.998 400	1	085	8 71.2
916	8.932 956	88	8.934 557	89	1.065 443	9.998 399	1	084	9 80.1
917	8.933 044	88	8.934 646	89	1.065 354	9.998 399	0	083	
918	8.933 132	88	8.934 734	88	1.065 266	9.998 398	1	082	
919	8.933 221	89	8.934 823	89	1.065 177	9.998 398	0	081	
.920	8.933 309	88	8.934 912	89	1.065 088	9.998 397	1	.080	
921	8.933 397	88	8.935 000	88	1.065 000	9.998 396	1	079	88
922	8.933 485	88	8.935 089	89	1.064 911	9.998 396	0	078	1 8.8
923	8.933 573	88	8.935 178	89	1.064 822	9.998 395	1	077	2 17.6
924	8.933 661	88	8.935 266	88	1.064 734	9.998 394	1	076	3 26.4
925	8.933 749	88	8.935 355	89	1.064 645	9.998 394	0	075	4 35.2
926	8.933 837	88	8.935 444	89	1.064 556	9.998 393	1	074	5 44.0
927	8.933 925	88	8.935 532	88	1.064 468	9.998 392	1	073	6 52.8
928	8.934 012	87	8.935 621	89	1.064 379	9.998 392	0	072	7 61.6
929	8.934 100	88	8.935 709	88	1.064 291	9.998 391	1	071	8 70.4
.930	8.934 188	88	8.935 798	89	1.064 202	9.998 390	1	.070	9 79.2
931	8.934 276	88	8.935 886	88	1.064 114	9.998 390	0	069	
932	8.934 364	88	8.935 975	89	1.064 025	9.998 389	1	068	
933	8.934 452	88	8.936 063	88	1.063 937	9.998 388	1	067	
934	8.934 540	88	8.936 152	89	1.063 848	9.998 388	0	066	
935	8.934 627	87	8.936 240	88	1.063 760	9.998 387	1	065	
936	8.934 715	88	8.936 329	89	1.063 671	9.998 386	1	064	87
937	8.934 803	88	8.936 417	88	1.063 583	9.998 386	0	063	1 8.7
938	8.934 891	88	8.936 506	89	1.063 494	9.998 385	1	062	2 17.4
939	8.934 978	87	8.936 594	88	1.063 406	9.998 384	1	061	3 26.1
.940	8.935 066	88	8.936 682	88	1.063 318	9.998 384	0	.060	4 34.8
941	8.935 154	88	8.936 771	89	1.063 229	9.998 383	1	059	5 43.5
942	8.935 241	87	8.936 859	88	1.063 141	9.998 382	1	058	6 52.2
943	8.935 329	88	8.936 947	88	1.063 053	9.998 382	0	057	7 60.9
944	8.935 417	88	8.937 036	89	1.062 964	9.998 381	1	056	8 69.6
945	8.935 504	87	8.937 124	88	1.062 876	9.998 380	1	055	9 78.3
946	8.935 592	88	8.937 212	88	1.062 788	9.998 380	0	054	
947	8.935 680	88	8.937 300	88	1.062 700	9.998 379	1	053	
948	8.935 767	87	8.937 389	89	1.062 611	9.998 379	0	052	
949	8.935 855	88	8.937 477	88	1.062 523	9.998 378	1	051	
.950	8.935 942	87	8.937 565	88	1.062 435	9.998 377	1	.050	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

4°.950 — 5°.000

4°	sin	d	tang	d	cotg	cos	d		P.P.
.950	8.935 942	88	8.937 565	88	1.062 435	9.998 377	0	.050	
951	8.936 030	87	8.937 653	88	1.062 347	9.998 377	1	049	
952	8.936 117	88	8.937 741	88	1.062 259	9.998 376	1	048	
953	8.936 205	87	8.937 829	89	1.062 171	9.998 375	0	047	89
954	8.936 292	88	8.937 918	88	1.062 082	9.998 375	1	046	
955	8.936 380	87	8.938 006	88	1.061 994	9.998 374	1	045	1 8.9
956	8.936 467	87	8.938 094	88	1.061 906	9.998 373	0	044	2 17.8
957	8.936 554	88	8.938 182	88	1.061 818	9.998 373	1	043	3 26.7
958	8.936 642	87	8.938 270	88	1.061 730	9.998 372	1	042	4 35.6
959	8.936 729	87	8.938 358	88	1.061 642	9.998 371	0	041	5 44.5
.960	8.936 816	88	8.938 446	88	1.061 554	9.998 371	1	.040	6 53.4
961	8.936 904	87	8.938 534	88	1.061 466	9.998 370	0	039	7 62.3
962	8.936 991	87	8.938 622	88	1.061 378	9.998 369	1	038	8 71.2
963	8.937 078	88	8.938 710	88	1.061 290	9.998 369	0	037	9 80.1
964	8.937 166	87	8.938 798	88	1.061 202	9.998 368	1	036	
965	8.937 253	87	8.938 886	88	1.061 114	9.998 367	0	035	88
966	8.937 340	87	8.938 973	88	1.061 027	9.998 367	1	034	
967	8.937 427	88	8.939 061	88	1.060 939	9.998 366	0	033	1 8.8
968	8.937 515	87	8.939 149	88	1.060 851	9.998 365	1	032	2 17.6
969	8.937 602	87	8.939 237	88	1.060 763	9.998 365	0	031	3 26.4
.970	8.937 689	87	8.939 325	88	1.060 675	9.998 364	1	.030	4 35.2
971	8.937 776	87	8.939 413	88	1.060 587	9.998 363	0	029	5 44.0
972	8.937 863	87	8.939 501	87	1.060 499	9.998 363	1	028	6 52.8
973	8.937 950	88	8.939 588	88	1.060 412	9.998 362	0	027	7 61.6
974	8.938 038	87	8.939 676	88	1.060 324	9.998 361	1	026	8 70.4
975	8.938 125	87	8.939 764	88	1.060 236	9.998 361	0	025	9 79.2
976	8.938 212	87	8.939 852	87	1.060 148	9.998 360	1	024	
977	8.938 299	87	8.939 939	88	1.060 061	9.998 359	0	023	87
978	8.938 386	87	8.940 027	88	1.059 973	9.998 359	1	022	
979	8.938 473	87	8.940 115	87	1.059 885	9.998 358	0	021	1 8.7
.980	8.938 560	87	8.940 202	88	1.059 798	9.998 357	1	.020	2 17.4
981	8.938 647	87	8.940 290	88	1.059 710	9.998 357	0	019	3 26.1
982	8.938 734	87	8.940 378	87	1.059 622	9.998 356	1	018	4 34.8
983	8.938 821	87	8.940 465	88	1.059 535	9.998 355	0	017	5 43.5
984	8.938 908	86	8.940 553	87	1.059 447	9.998 355	1	016	6 52.2
985	8.938 994	87	8.940 640	88	1.059 360	9.998 354	0	015	7 60.9
986	8.939 081	87	8.940 728	87	1.059 272	9.998 353	1	014	8 69.6
987	8.939 168	87	8.940 815	88	1.059 185	9.998 353	0	013	9 78.3
988	8.939 255	87	8.940 903	87	1.059 097	9.998 352	1	012	
989	8.939 342	87	8.940 990	88	1.059 010	9.998 352	0	011	86
.990	8.939 429	87	8.941 078	87	1.058 922	9.998 351	1	.010	
991	8.939 516	86	8.941 165	88	1.058 835	9.998 350	0	009	1 8.6
992	8.939 602	87	8.941 253	87	1.058 747	9.998 350	1	008	2 17.2
993	8.939 689	87	8.941 340	88	1.058 660	9.998 349	0	007	3 25.8
994	8.939 776	87	8.941 428	87	1.058 572	9.998 348	1	006	4 34.4
995	8.939 863	86	8.941 515	87	1.058 485	9.998 348	0	005	5 43.0
996	8.939 949	87	8.941 602	88	1.058 398	9.998 347	1	004	6 51.6
997	8.940 036	87	8.941 690	87	1.058 310	9.998 346	0	003	7 60.2
998	8.940 123	86	8.941 777	87	1.058 223	9.998 346	1	002	8 68.8
999	8.940 209	87	8.941 864	88	1.058 136	9.998 345	0	001	9 77.4
*.000	8.940 296	87	8.941 952	88	1.058 048	9.998 344	1	.000	
	cos	d	cotg	d	tang	sin	d	85°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.000 — 5°.050

5°	sin	d	tang	d	cotg	cos	d		P.P.
.000	8.940 296		8.941 952		1.058 048	9.998 344		*.000	
001	8.940 383	87	8.942 039	87	1.057 961	9.998 344	0	999	
002	8.940 469	86	8.942 126	87	1.057 874	9.998 343	1	998	
003	8.940 556	87	8.942 214	88	1.057 786	9.998 342	1	997	
		86		87			0		88
004	8.940 642	87	8.942 301	87	1.057 699	9.998 342	1	996	
005	8.940 729	87	8.942 388	87	1.057 612	9.998 341	1	995	1 8.8
006	8.940 816	87	8.942 475	87	1.057 525	9.998 340	1	994	2 17.6
		86		87			0		3 26.4
007	8.940 902	87	8.942 562	88	1.057 438	9.998 340	1	993	4 35.2
008	8.940 989	86	8.942 650	87	1.057 350	9.998 339	1	992	5 44.0
009	8.941 075	87	8.942 737	87	1.057 263	9.998 338	1	991	6 52.8
		86		87			0		7 61.6
.010	8.941 162	87	8.942 824	87	1.057 176	9.998 338	1	.990	8 70.4
		86		87			1		9 79.2
011	8.941 248	86	8.942 911	87	1.057 089	9.998 337	1	989	
012	8.941 334	87	8.942 998	87	1.057 002	9.998 336	1	988	
013	8.941 421	87	8.943 085	87	1.056 915	9.998 336	0	987	
		86		87			1		
014	8.941 507	87	8.943 172	87	1.056 828	9.998 335	1	986	
015	8.941 594	87	8.943 259	87	1.056 741	9.998 334	1	985	
016	8.941 680	86	8.943 346	87	1.056 654	9.998 334	0	984	87
		86		87			1		
017	8.941 766	87	8.943 433	87	1.056 567	9.998 333	1	983	1 8.7
018	8.941 853	87	8.943 520	87	1.056 480	9.998 332	1	982	2 17.4
019	8.941 939	86	8.943 607	87	1.056 393	9.998 332	0	981	3 26.1
		86		87			1		4 34.8
.020	8.942 025	87	8.943 694	87	1.056 306	9.998 331	1	.980	5 43.5
		87		87			1		6 52.2
021	8.942 112	86	8.943 781	87	1.056 219	9.998 330	0	979	7 60.9
022	8.942 198	86	8.943 868	87	1.056 132	9.998 330	1	978	8 69.6
023	8.942 284	86	8.943 955	87	1.056 045	9.998 329	1	977	9 78.3
		86		87			1		
024	8.942 370	87	8.944 042	87	1.055 958	9.998 328	0	976	
025	8.942 457	86	8.944 129	87	1.055 871	9.998 328	1	975	
026	8.942 543	86	8.944 216	87	1.055 784	9.998 327	1	974	
		86		87			1		
027	8.942 629	86	8.944 303	86	1.055 697	9.998 326	0	973	86
028	8.942 715	86	8.944 389	87	1.055 611	9.998 326	1	972	
029	8.942 801	86	8.944 476	87	1.055 524	9.998 325	1	971	1 8.6
		86		87			1		2 17.2
.030	8.942 887	86	8.944 563	87	1.055 437	9.998 324	0	.970	3 25.8
		87		87			1		4 34.4
031	8.942 973	87	8.944 650	87	1.055 350	9.998 324	1	969	5 43.0
032	8.943 060	86	8.944 737	86	1.055 263	9.998 323	1	968	6 51.6
033	8.943 146	86	8.944 823	87	1.055 177	9.998 322	0	967	7 60.2
		86		87			1		8 68.8
034	8.943 232	86	8.944 910	87	1.055 090	9.998 322	1	966	9 77.4
035	8.943 318	86	8.944 997	86	1.055 003	9.998 321	1	965	
036	8.943 404	86	8.945 083	87	1.054 917	9.998 320	0	964	
		86		87			1		
037	8.943 490	86	8.945 170	87	1.054 830	9.998 320	1	963	
038	8.943 576	86	8.945 257	86	1.054 743	9.998 319	1	962	
039	8.943 662	86	8.945 343	87	1.054 657	9.998 318	0	961	85
		86		87			1		
.040	8.943 748	86	8.945 430	87	1.054 570	9.998 318	1	.960	1 8.5
		86		86			1		2 17.0
041	8.943 834	86	8.945 517	87	1.054 483	9.998 317	0	959	3 25.5
042	8.943 920	85	8.945 603	87	1.054 397	9.998 316	1	958	4 34.0
043	8.944 005	86	8.945 690	86	1.054 310	9.998 316	0	957	5 42.5
		86		86			1		6 51.0
044	8.944 091	86	8.945 776	87	1.054 224	9.998 315	1	956	7 59.5
045	8.944 177	86	8.945 863	86	1.054 137	9.998 314	0	955	8 68.0
046	8.944 263	86	8.945 949	87	1.054 051	9.998 314	1	954	9 76.5
		86		87			1		
047	8.944 349	86	8.946 036	86	1.053 964	9.998 313	0	953	
048	8.944 435	86	8.946 122	87	1.053 878	9.998 312	1	952	
049	8.944 521	85	8.946 209	86	1.053 791	9.998 312	0	951	
		86		86			1		
.050	8.944 606	85	8.946 295	86	1.053 705	9.998 311	1	.950	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

85°.000 — 84°.950

5°.050 — 5°.100

5°	sin	d	tang	d	cotg	cos	d		P.P.
.050	8.944 606		8.946 295		1.053 705	9.998 311		.950	
051	8.944 692	86	8.946 382	87	1.053 618	9.998 310	1	949	
052	8.944 778	86	8.946 468	86	1.053 532	9.998 310	0	948	
053	8.944 864	86	8.946 555	87	1.053 445	9.998 309	1	947	
		85		86			1		
054	8.944 949	86	8.946 641	86	1.053 359	9.998 308	1	946	
055	8.945 035	86	8.946 727	87	1.053 273	9.998 308	0	945	
056	8.945 121	86	8.946 814	87	1.053 186	9.998 307	1	944	
		85		86			1		
057	8.945 206	86	8.946 900	86	1.053 100	9.998 306	0	943	
058	8.945 292	86	8.946 986	87	1.053 014	9.998 306	1	942	
059	8.945 378	86	8.947 073	87	1.052 927	9.998 305	1	941	
		85		86			1		
.060	8.945 463	86	8.947 159	86	1.052 841	9.998 304	0	.940	
061	8.945 549	85	8.947 245	87	1.052 755	9.998 304	1	939	
062	8.945 634	86	8.947 332	86	1.052 668	9.998 303	1	938	
063	8.945 720	86	8.947 418	86	1.052 582	9.998 302	1	937	
		85		86			0		
064	8.945 805	86	8.947 504	86	1.052 496	9.998 302	1	936	
065	8.945 891	86	8.947 590	86	1.052 410	9.998 301	1	935	
066	8.945 977	86	8.947 676	86	1.052 324	9.998 300	1	934	
		85		87			1		
067	8.946 062	86	8.947 763	86	1.052 237	9.998 299	0	933	
068	8.946 148	86	8.947 849	86	1.052 151	9.998 299	1	932	
069	8.946 233	85	8.947 935	86	1.052 065	9.998 298	1	931	
		85		86			1		
.070	8.946 318	86	8.948 021	86	1.051 979	9.998 297	0	.930	
071	8.946 404	85	8.948 107	86	1.051 893	9.998 297	1	929	
072	8.946 489	86	8.948 193	86	1.051 807	9.998 296	1	928	
073	8.946 575	86	8.948 279	86	1.051 721	9.998 295	1	927	
		85		86			0		
074	8.946 660	85	8.948 365	86	1.051 635	9.998 295	1	926	
075	8.946 745	86	8.948 451	86	1.051 549	9.998 294	1	925	
076	8.946 831	86	8.948 537	86	1.051 463	9.998 293	1	924	
		85		86			0		
077	8.946 916	85	8.948 623	86	1.051 377	9.998 293	1	923	
078	8.947 001	86	8.948 709	86	1.051 291	9.998 292	1	922	
079	8.947 087	86	8.948 795	86	1.051 205	9.998 291	1	921	
		85		86			0		
.080	8.947 172	85	8.948 881	86	1.051 119	9.998 291	1	.920	
081	8.947 257	85	8.948 967	86	1.051 033	9.998 290	1	919	
082	8.947 342	86	8.949 053	86	1.050 947	9.998 289	0	918	
083	8.947 428	85	8.949 139	86	1.050 861	9.998 289	1	917	
		85		86			1		
084	8.947 513	85	8.949 225	86	1.050 775	9.998 288	1	916	
085	8.947 598	85	8.949 311	86	1.050 689	9.998 287	0	915	
086	8.947 683	85	8.949 397	85	1.050 603	9.998 287	1	914	
		86		86			1		
087	8.947 768	86	8.949 482	86	1.050 518	9.998 286	1	913	
088	8.947 854	85	8.949 568	86	1.050 432	9.998 285	0	912	
089	8.947 939	85	8.949 654	86	1.050 346	9.998 285	1	911	
		85		86			1		
.090	8.948 024	85	8.949 740	86	1.050 260	9.998 284	1	.910	
091	8.948 109	85	8.949 826	85	1.050 174	9.998 283	1	909	
092	8.948 194	85	8.949 911	86	1.050 089	9.998 283	0	908	
093	8.948 279	85	8.949 997	86	1.050 003	9.998 282	1	907	
		85		86			1		
094	8.948 364	85	8.950 083	85	1.049 917	9.998 281	1	906	
095	8.948 449	85	8.950 168	86	1.049 832	9.998 281	0	905	
096	8.948 534	85	8.950 254	86	1.049 746	9.998 280	1	904	
		85		86			1		
097	8.948 619	85	8.950 340	85	1.049 660	9.998 279	0	903	
098	8.948 704	85	8.950 425	86	1.049 575	9.998 279	1	902	
099	8.948 789	85	8.950 511	86	1.049 489	9.998 278	1	901	
		85		86			1		
.100	8.948 874		8.950 597		1.049 403	9.998 277		.900	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.100 — 5°.150

5°	sin	d	tang	d	cotg	cos	d		P.P.
.100	8.948 874		8.950 597		1.049 403	9.998 277		.900	
101	8.948 959	85	8.950 682	85	1.049 318	9.998 277	0	899	
102	8.949 044	85	8.950 768	86	1.049 232	9.998 276	1	898	
103	8.949 129	85	8.950 853	85	1.049 147	9.998 275	1	897	
104	8.949 213	84	8.950 939	86	1.049 061	9.998 275	0	896	
105	8.949 298	85	8.951 024	85	1.048 976	9.998 274	1	895	
106	8.949 383	85	8.951 110	86	1.048 890	9.998 273	1	894	
107	8.949 468	85	8.951 195	85	1.048 805	9.998 273	0	893	86
108	8.949 553	85	8.951 281	86	1.048 719	9.998 272	1	892	1 8.6
109	8.949 638	85	8.951 366	85	1.048 634	9.998 271	1	891	2 17.2
.110	8.949 722	84	8.951 452	86	1.048 548	9.998 270	1	.890	3 25.8
111	8.949 807	85	8.951 537	85	1.048 463	9.998 270	0	889	4 34.4
112	8.949 892	85	8.951 623	86	1.048 377	9.998 269	1	888	5 43.0
113	8.949 977	85	8.951 708	85	1.048 292	9.998 268	1	887	6 51.6
114	8.950 061	84	8.951 794	86	1.048 206	9.998 268	0	886	7 60.2
115	8.950 146	85	8.951 879	85	1.048 121	9.998 267	1	885	8 68.8
116	8.950 231	85	8.951 964	85	1.048 036	9.998 266	1	884	9 77.4
117	8.950 315	84	8.952 050	86	1.047 950	9.998 266	0	883	
118	8.950 400	85	8.952 135	85	1.047 865	9.998 265	1	882	
119	8.950 485	85	8.952 220	85	1.047 780	9.998 264	1	881	
.120	8.950 569	84	8.952 305	85	1.047 695	9.998 264	0	.880	
121	8.950 654	85	8.952 391	86	1.047 609	9.998 263	1	879	85
122	8.950 738	84	8.952 476	85	1.047 524	9.998 262	1	878	
123	8.950 823	85	8.952 561	85	1.047 439	9.998 262	0	877	1 8.5
124	8.950 907	84	8.952 646	85	1.047 354	9.998 261	1	876	2 17.0
125	8.950 992	85	8.952 732	86	1.047 268	9.998 260	1	875	3 25.5
126	8.951 076	84	8.952 817	85	1.047 183	9.998 260	0	874	4 34.0
127	8.951 161	85	8.952 902	85	1.047 098	9.998 259	1	873	5 42.5
128	8.951 245	84	8.952 987	85	1.047 013	9.998 258	1	872	6 51.0
129	8.951 330	85	8.953 072	85	1.046 928	9.998 258	0	871	7 59.5
.130	8.951 414	84	8.953 157	85	1.046 843	9.998 257	1	.870	8 68.0
131	8.951 499	85	8.953 243	86	1.046 757	9.998 256	1	869	9 76.5
132	8.951 583	84	8.953 328	85	1.046 672	9.998 256	0	868	
133	8.951 668	85	8.953 413	85	1.046 587	9.998 255	1	867	
134	8.951 752	84	8.953 498	85	1.046 502	9.998 254	1	866	
135	8.951 836	84	8.953 583	85	1.046 417	9.998 253	1	865	
136	8.951 921	85	8.953 668	85	1.046 332	9.998 253	0	864	84
137	8.952 005	84	8.953 753	85	1.046 247	9.998 252	1	863	1 8.4
138	8.952 089	84	8.953 838	85	1.046 162	9.998 251	1	862	2 16.8
139	8.952 174	85	8.953 923	85	1.046 077	9.998 251	0	861	3 25.2
.140	8.952 258	84	8.954 008	85	1.045 992	9.998 250	1	.860	4 33.6
141	8.952 342	84	8.954 093	85	1.045 907	9.998 249	1	859	5 42.0
142	8.952 426	84	8.954 178	85	1.045 822	9.998 249	0	858	6 50.4
143	8.952 511	85	8.954 262	84	1.045 738	9.998 248	1	857	7 58.8
144	8.952 595	84	8.954 347	85	1.045 653	9.998 247	1	856	8 67.2
145	8.952 679	84	8.954 432	85	1.045 568	9.998 247	0	855	9 75.6
146	8.952 763	84	8.954 517	85	1.045 483	9.998 246	1	854	
147	8.952 847	84	8.954 602	85	1.045 398	9.998 245	1	853	
148	8.952 931	84	8.954 687	85	1.045 313	9.998 245	0	852	
149	8.953 016	85	8.954 772	85	1.045 228	9.998 244	1	851	
.150	8.953 100	84	8.954 856	84	1.045 144	9.998 243	1	.850	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.150 — 5°.200

5°	sin	d	tang	d	cotg	cos	d		P.P.
.150	8.953 100		8.954 856		1.045 144	9.998 243		.850	
151	8.953 184	84	8.954 941	85	1.045 059	9.998 243	0	849	
152	8.953 268	84	8.955 026	85	1.044 974	9.998 242	1	848	
153	8.953 352	84	8.955 111	85	1.044 889	9.998 241	1	847	
154	8.953 436	84	8.955 195	84	1.044 805	9.998 241	0	846	
155	8.953 520	84	8.955 280	85	1.044 720	9.998 240	1	845	
156	8.953 604	84	8.955 365	85	1.044 635	9.998 239	1	844	
157	8.953 688	84	8.955 449	84	1.044 551	9.998 238	1	843	85
158	8.953 772	84	8.955 534	85	1.044 466	9.998 238	0	842	1 8.5
159	8.953 856	84	8.955 619	85	1.044 381	9.998 237	1	841	2 17.0
.160	8.953 940	84	8.955 703	84	1.044 297	9.998 236	1	.840	3 25.5
161	8.954 024	84	8.955 788	85	1.044 212	9.998 236	0	839	4 34.0
162	8.954 108	84	8.955 873	85	1.044 127	9.998 235	1	838	5 42.5
163	8.954 192	84	8.955 957	84	1.044 043	9.998 234	1	837	6 51.0
164	8.954 275	83	8.956 042	85	1.043 958	9.998 234	0	836	7 59.5
165	8.954 359	84	8.956 126	84	1.043 874	9.998 233	1	835	8 68.0
166	8.954 443	84	8.956 211	85	1.043 789	9.998 232	1	834	9 76.5
167	8.954 527	84	8.956 295	84	1.043 705	9.998 232	0	833	
168	8.954 611	84	8.956 380	85	1.043 620	9.998 231	1	832	
169	8.954 695	84	8.956 464	84	1.043 536	9.998 230	1	831	
.170	8.954 778	83	8.956 549	85	1.043 451	9.998 230	0	.830	
171	8.954 862	84	8.956 633	84	1.043 367	9.998 229	1	829	84
172	8.954 946	84	8.956 718	85	1.043 282	9.998 228	1	828	
173	8.955 030	84	8.956 802	84	1.043 198	9.998 228	0	827	1 8.4
174	8.955 113	83	8.956 887	85	1.043 113	9.998 227	1	826	2 16.8
175	8.955 197	84	8.956 971	84	1.043 029	9.998 226	1	825	3 25.2
176	8.955 281	84	8.957 055	84	1.042 945	9.998 225	1	824	4 33.6
177	8.955 364	83	8.957 140	85	1.042 860	9.998 225	0	823	5 42.0
178	8.955 448	84	8.957 224	84	1.042 776	9.998 224	1	822	6 50.4
179	8.955 532	84	8.957 308	84	1.042 692	9.998 223	1	821	7 58.8
.180	8.955 615	83	8.957 393	85	1.042 607	9.998 223	0	.820	8 67.2
181	8.955 699	84	8.957 477	84	1.042 523	9.998 222	1	819	9 75.6
182	8.955 783	84	8.957 561	84	1.042 439	9.998 221	1	818	
183	8.955 866	83	8.957 645	84	1.042 355	9.998 221	0	817	
184	8.955 950	84	8.957 730	85	1.042 270	9.998 220	1	816	
185	8.956 033	83	8.957 814	84	1.042 186	9.998 219	1	815	
186	8.956 117	84	8.957 898	84	1.042 102	9.998 219	0	814	83
187	8.956 200	83	8.957 982	84	1.042 018	9.998 218	1	813	1 8.3
188	8.956 284	84	8.958 067	85	1.041 933	9.998 217	1	812	2 16.6
189	8.956 367	83	8.958 151	84	1.041 849	9.998 217	0	811	3 24.9
.190	8.956 451	84	8.958 235	84	1.041 765	9.998 216	1	.810	4 33.2
191	8.956 534	83	8.958 319	84	1.041 681	9.998 215	1	809	5 41.5
192	8.956 618	84	8.958 403	84	1.041 597	9.998 214	1	808	6 49.8
193	8.956 701	83	8.958 487	84	1.041 513	9.998 214	0	807	7 58.1
194	8.956 784	83	8.958 571	84	1.041 429	9.998 213	1	806	8 66.4
195	8.956 868	84	8.958 655	84	1.041 345	9.998 212	1	805	9 74.7
196	8.956 951	83	8.958 739	84	1.041 261	9.998 212	0	804	
197	8.957 034	83	8.958 823	84	1.041 177	9.998 211	1	803	
198	8.957 118	84	8.958 907	84	1.041 093	9.998 210	1	802	
199	8.957 201	83	8.958 991	84	1.041 009	9.998 210	0	801	
.200	8.957 284	83	8.959 075	84	1.040 925	9.998 209	1	.800	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.200 — 5°.250

5°	sin	d	tang	d	cotg	cos	d		P.P.
.200	8.957 284		8.959 075		1.040 925	9.998 209		.800	
201	8.957 368	84	8.959 159	84	1.040 841	9.998 208	1	799	
202	8.957 451	83	8.959 243	84	1.040 757	9.998 208	0	798	
203	8.957 534	83	8.959 327	84	1.040 673	9.998 207	1	797	
		83		84			1		
204	8.957 617	84	8.959 411	84	1.040 589	9.998 206	1	796	
205	8.957 701	83	8.959 495	84	1.040 505	9.998 205	0	795	
206	8.957 784	83	8.959 579	84	1.040 421	9.998 205	1	794	
		83		84			1		84
207	8.957 867	83	8.959 663	84	1.040 337	9.998 204	1	793	
208	8.957 950	83	8.959 747	84	1.040 253	9.998 203	0	792	1 8.4
209	8.958 033	83	8.959 831	84	1.040 169	9.998 203	1	791	2 16.8
		83		83			1		3 25.2
.210	8.958 116	84	8.959 914	84	1.040 086	9.998 202	1	.790	4 33.6
		83		84			1		5 42.0
211	8.958 200	83	8.959 998	84	1.040 002	9.998 201	0	789	6 50.4
212	8.958 283	83	8.960 082	84	1.039 918	9.998 201	1	788	7 58.8
213	8.958 366	83	8.960 166	84	1.039 834	9.998 200	1	787	8 67.2
		83		84			1		9 75.6
214	8.958 449	83	8.960 250	83	1.039 750	9.998 199	0	786	
215	8.958 532	83	8.960 333	84	1.039 667	9.998 199	1	785	
216	8.958 615	83	8.960 417	84	1.039 583	9.998 198	1	784	
		83		84			1		
217	8.958 698	83	8.960 501	83	1.039 499	9.998 197	1	783	
218	8.958 781	83	8.960 584	83	1.039 416	9.998 196	0	782	
219	8.958 864	83	8.960 668	84	1.039 332	9.998 196	1	781	
		83		84			1		
.220	8.958 947	83	8.960 752	83	1.039 248	9.998 195	1	.780	
		83		84			0		83
221	8.959 030	83	8.960 835	84	1.039 165	9.998 194	1	779	
222	8.959 113	83	8.960 919	84	1.039 081	9.998 194	1	778	1 8.3
223	8.959 196	83	8.961 003	83	1.038 997	9.998 193	1	777	2 16.6
		83		84			1		3 24.9
224	8.959 279	83	8.961 086	84	1.038 914	9.998 192	0	776	4 33.2
225	8.959 362	82	8.961 170	83	1.038 830	9.998 192	1	775	5 41.5
226	8.959 444	83	8.961 253	84	1.038 747	9.998 191	1	774	6 49.8
		83		84			1		7 58.1
227	8.959 527	83	8.961 337	84	1.038 663	9.998 190	0	773	8 66.4
228	8.959 610	83	8.961 421	83	1.038 579	9.998 190	1	772	9 74.7
229	8.959 693	83	8.961 504	84	1.038 496	9.998 189	1	771	
		83		84			1		
.230	8.959 776	83	8.961 588	83	1.038 412	9.998 188	1	.770	
		83		84			0		
231	8.959 859	82	8.961 671	84	1.038 329	9.998 187	1	769	
232	8.959 941	83	8.961 755	83	1.038 245	9.998 187	1	768	
233	8.960 024	83	8.961 838	83	1.038 162	9.998 186	1	767	
		83		84			0		
234	8.960 107	83	8.961 921	84	1.038 079	9.998 185	1	766	
235	8.960 190	82	8.962 005	83	1.037 995	9.998 185	1	765	
236	8.960 272	83	8.962 088	84	1.037 912	9.998 184	1	764	82
		83		84			1		
237	8.960 355	83	8.962 172	83	1.037 828	9.998 183	0	763	1 8.2
238	8.960 438	82	8.962 255	83	1.037 745	9.998 183	1	762	2 16.4
239	8.960 520	83	8.962 338	84	1.037 662	9.998 182	1	761	3 24.6
		83		84			1		4 32.8
.240	8.960 603	83	8.962 422	83	1.037 578	9.998 181	0	.760	5 41.0
		82		84			1		6 49.2
241	8.960 686	83	8.962 505	83	1.037 495	9.998 181	1	759	7 57.4
242	8.960 768	83	8.962 589	83	1.037 411	9.998 180	1	758	8 65.6
243	8.960 851	83	8.962 672	83	1.037 328	9.998 179	1	757	9 73.8
		83		83			1		
244	8.960 934	82	8.962 755	83	1.037 245	9.998 178	0	756	
245	8.961 016	83	8.962 838	84	1.037 162	9.998 178	1	755	
246	8.961 099	82	8.962 922	83	1.037 078	9.998 177	1	754	
		83		83			1		
247	8.961 181	83	8.963 005	83	1.036 995	9.998 176	0	753	
248	8.961 264	82	8.963 088	83	1.036 912	9.998 176	1	752	
249	8.961 346	83	8.963 171	84	1.036 829	9.998 175	1	751	
		83		84			1		
.250	8.961 429		8.963 255		1.036 745	9.998 174		.750	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.800 — 84°.750

5°.250 — 5°.300

5°	sin	d	tang	d	cotg	cos	d		P.P.
.250	8.961 429		8.963 255		1.036 745	9.998 174		.750	
251	8.961 511	82	8.963 338	83	1.036 662	9.998 174	0	749	
252	8.961 594	83	8.963 421	83	1.036 579	9.998 173	1	748	
253	8.961 676	82	8.963 504	83	1.036 496	9.998 172	1	747	
		83		83			1		84
254	8.961 759	82	8.963 587	83	1.036 413	9.998 171	0	746	
255	8.961 841	82	8.963 670	83	1.036 330	9.998 171	1	745	1 8.4
256	8.961 923	83	8.963 753	83	1.036 247	9.998 170	1	744	2 16.8
		83		83			1		3 25.2
257	8.962 006	82	8.963 836	84	1.036 164	9.998 169	0	743	4 33.6
258	8.962 088	83	8.963 920	83	1.036 080	9.998 169	1	742	5 42.0
259	8.962 171	82	8.964 003	83	1.035 997	9.998 168	1	741	6 50.4
		82		83			0		7 58.8
.260	8.962 253	82	8.964 086	83	1.035 914	9.998 167	1	.740	8 67.2
		83		83			0		9 75.6
261	8.962 335	83	8.964 169	83	1.035 831	9.998 167	1	739	
262	8.962 418	82	8.964 252	83	1.035 748	9.998 166	1	738	
263	8.962 500	82	8.964 335	83	1.035 665	9.998 165	0	737	
		82		83			1		83
264	8.962 582	82	8.964 418	83	1.035 582	9.998 165	1	736	
265	8.962 664	83	8.964 501	83	1.035 499	9.998 164	1	735	
266	8.962 747	82	8.964 584	82	1.035 416	9.998 163	1	734	
		82		83			0		1 8.3
267	8.962 829	82	8.964 666	83	1.035 334	9.998 162	1	733	2 16.6
268	8.962 911	82	8.964 749	83	1.035 251	9.998 162	0	732	3 24.9
269	8.962 993	82	8.964 832	83	1.035 168	9.998 161	1	731	4 33.2
		82		83			1		5 41.5
.270	8.963 075	83	8.964 915	83	1.035 085	9.998 160	0	.730	6 49.8
		82		83			1		7 58.1
271	8.963 158	82	8.964 998	83	1.035 002	9.998 160	1	729	8 66.4
272	8.963 240	82	8.965 081	83	1.034 919	9.998 159	1	728	9 74.7
273	8.963 322	82	8.965 164	83	1.034 836	9.998 158	0	727	
		82		83			1		82
274	8.963 404	82	8.965 247	82	1.034 753	9.998 158	1	726	
275	8.963 486	82	8.965 329	83	1.034 671	9.998 157	1	725	
276	8.963 568	82	8.965 412	83	1.034 588	9.998 156	1	724	
		82		83			0		1 8.2
277	8.963 650	82	8.965 495	83	1.034 505	9.998 155	1	723	2 16.4
278	8.963 732	82	8.965 578	82	1.034 422	9.998 155	1	722	3 24.6
279	8.963 814	82	8.965 660	83	1.034 340	9.998 154	0	721	4 32.8
		82		83			1		5 41.0
.280	8.963 896	82	8.965 743	83	1.034 257	9.998 153	1	.720	6 49.2
		82		83			0		7 57.4
281	8.963 978	82	8.965 826	83	1.034 174	9.998 153	1	719	8 65.6
282	8.964 060	82	8.965 909	82	1.034 091	9.998 152	1	718	9 73.8
283	8.964 142	82	8.965 991	83	1.034 009	9.998 151	0	717	
		82		83			1		
284	8.964 224	82	8.966 074	83	1.033 926	9.998 151	1	716	
285	8.964 306	82	8.966 157	82	1.033 843	9.998 150	1	715	
286	8.964 388	82	8.966 239	83	1.033 761	9.998 149	0	714	
		82		83			1		
287	8.964 470	82	8.966 322	82	1.033 678	9.998 148	1	713	
288	8.964 552	82	8.966 404	83	1.033 596	9.998 148	0	712	
289	8.964 634	82	8.966 487	83	1.033 513	9.998 147	1	711	
		82		83			1		81
.290	8.964 716	82	8.966 570	82	1.033 430	9.998 146	0	.710	1 8.1
		82		83			1		2 16.2
291	8.964 798	82	8.966 652	83	1.033 348	9.998 146	1	709	3 24.3
292	8.964 880	81	8.966 735	82	1.033 265	9.998 145	1	708	4 32.4
293	8.964 961	82	8.966 817	83	1.033 183	9.998 144	1	707	5 40.5
		82		82			0		6 48.6
294	8.965 043	82	8.966 900	82	1.033 100	9.998 143	1	706	7 56.7
295	8.965 125	82	8.966 982	83	1.033 018	9.998 143	1	705	8 64.8
296	8.965 207	82	8.967 065	82	1.032 935	9.998 142	0	704	9 72.9
		82		82			1		
297	8.965 289	81	8.967 147	83	1.032 853	9.998 141	0	703	
298	8.965 370	82	8.967 230	82	1.032 770	9.998 141	1	702	
299	8.965 452	82	8.967 312	82	1.032 688	9.998 140	1	701	
		82		82			1		
.300	8.965 534		8.967 394		1.032 606	9.998 139		.700	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.300 — 5°.350

5°	sin	d	tang	d	cotg	cos	d		P.P.
.300	8.965 534		8.967 394		1.032 606	9.998 139		.700	
301	8.965 615	81	8.967 477	83	1.032 523	9.998 139	0	699	
302	8.965 697	82	8.967 559	82	1.032 441	9.998 138	1	698	
303	8.965 779	82	8.967 642	83	1.032 358	9.998 137	1	697	
304	8.965 860	81	8.967 724	82	1.032 276	9.998 136	1	696	
305	8.965 942	82	8.967 806	82	1.032 194	9.998 136	0	695	
306	8.966 024	82	8.967 889	83	1.032 111	9.998 135	1	694	
307	8.966 105	81	8.967 971	82	1.032 029	9.998 134	1	693	83
308	8.966 187	82	8.968 053	82	1.031 947	9.998 134	0	692	1 8.3
309	8.966 268	81	8.968 136	83	1.031 864	9.998 133	1	691	2 16.6
.310	8.966 350	82	8.968 218	82	1.031 782	9.998 132	1	.690	3 24.9
311	8.966 432	82	8.968 300	82	1.031 700	9.998 132	0	689	4 33.2
312	8.966 513	81	8.968 382	82	1.031 618	9.998 131	1	688	5 41.5
313	8.966 595	82	8.968 464	82	1.031 536	9.998 130	1	687	6 49.8
314	8.966 676	81	8.968 547	83	1.031 453	9.998 129	1	686	7 58.1
315	8.966 758	82	8.968 629	82	1.031 371	9.998 129	0	685	8 66.4
316	8.966 839	81	8.968 711	82	1.031 289	9.998 128	1	684	9 74.7
317	8.966 921	82	8.968 793	82	1.031 207	9.998 127	1	683	
318	8.967 002	81	8.968 875	82	1.031 125	9.998 127	0	682	
319	8.967 083	81	8.968 957	82	1.031 043	9.998 126	1	681	
.320	8.967 165	82	8.969 040	83	1.030 960	9.998 125	1	.680	
321	8.967 246	81	8.969 122	82	1.030 878	9.998 124	1	679	82
322	8.967 328	82	8.969 204	82	1.030 796	9.998 124	0	678	
323	8.967 409	81	8.969 286	82	1.030 714	9.998 123	1	677	1 8.2
324	8.967 490	81	8.969 368	82	1.030 632	9.998 122	1	676	2 16.4
325	8.967 572	82	8.969 450	82	1.030 550	9.998 122	0	675	3 24.6
326	8.967 653	81	8.969 532	82	1.030 468	9.998 121	1	674	4 32.8
327	8.967 734	81	8.969 614	82	1.030 386	9.998 120	1	673	5 41.0
328	8.967 815	81	8.969 696	82	1.030 304	9.998 120	0	672	6 49.2
329	8.967 897	82	8.969 778	82	1.030 222	9.998 119	1	671	7 57.4
.330	8.967 978	81	8.969 860	82	1.030 140	9.998 118	1	.670	8 65.6
331	8.968 059	81	8.969 942	82	1.030 058	9.998 117	1	669	9 73.8
332	8.968 140	81	8.970 024	82	1.029 976	9.998 117	0	668	
333	8.968 222	82	8.970 106	82	1.029 894	9.998 116	1	667	
334	8.968 303	81	8.970 188	82	1.029 812	9.998 115	1	666	
335	8.968 384	81	8.970 269	81	1.029 731	9.998 115	0	665	
336	8.968 465	81	8.970 351	82	1.029 649	9.998 114	1	664	81
337	8.968 546	81	8.970 433	82	1.029 567	9.998 113	1	663	1 8.1
338	8.968 627	81	8.970 515	82	1.029 485	9.998 112	1	662	2 16.2
339	8.968 709	82	8.970 597	82	1.029 403	9.998 112	0	661	3 24.3
.340	8.968 790	81	8.970 679	82	1.029 321	9.998 111	1	.660	4 32.4
341	8.968 871	81	8.970 760	81	1.029 240	9.998 110	1	659	5 40.5
342	8.968 952	81	8.970 842	82	1.029 158	9.998 110	0	658	6 48.6
343	8.969 033	81	8.970 924	82	1.029 076	9.998 109	1	657	7 56.7
344	8.969 114	81	8.971 006	82	1.028 994	9.998 108	1	656	8 64.8
345	8.969 195	81	8.971 087	81	1.028 913	9.998 108	0	655	9 72.9
346	8.969 276	81	8.971 169	82	1.028 831	9.998 107	1	654	
347	8.969 357	81	8.971 251	82	1.028 749	9.998 106	1	653	
348	8.969 438	81	8.971 333	82	1.028 667	9.998 105	0	652	
349	8.969 519	81	8.971 414	81	1.028 586	9.998 105	1	651	
.350	8.969 600	81	8.971 496	82	1.028 504	9.998 104	1	.650	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.350 — 5°.400

5°	sin	d	tang	d	cotg	cos	d		P.P.
.350	8.969 600		8.971 496		1.028 504	9.998 104		.650	
351	8.969 681	81	8.971 578	82	1.028 422	9.998 103	1	649	
352	8.969 762	81	8.971 659	81	1.028 341	9.998 103	0	648	
353	8.969 843	81	8.971 741	82	1.028 259	9.998 102	1	647	
		81		81			1		
354	8.969 924	80	8.971 822	82	1.028 178	9.998 101	1	646	
355	8.970 004	81	8.971 904	82	1.028 096	9.998 100	0	645	
356	8.970 085	81	8.971 986	81	1.028 014	9.998 100	0	644	
		81		81			1		
357	8.970 166	81	8.972 067	82	1.027 933	9.998 099	1	643	82
358	8.970 247	81	8.972 149	81	1.027 851	9.998 098	1	642	1 8.2
359	8.970 328	81	8.972 230	82	1.027 770	9.998 098	0	641	2 16.4
		81		82			1		3 24.6
.360	8.970 409	80	8.972 312	81	1.027 688	9.998 097	1	.640	4 32.8
		81		82			1		5 41.0
361	8.970 489	81	8.972 393	82	1.027 607	9.998 096	1	639	6 49.2
362	8.970 570	81	8.972 475	81	1.027 525	9.998 095	0	638	7 57.4
363	8.970 651	81	8.972 556	82	1.027 444	9.998 095	1	637	8 65.6
		81		82			1		9 73.8
364	8.970 732	80	8.972 638	81	1.027 362	9.998 094	1	636	
365	8.970 812	81	8.972 719	81	1.027 281	9.998 093	0	635	
366	8.970 893	81	8.972 800	82	1.027 200	9.998 093	1	634	
		81		82			1		
367	8.970 974	80	8.972 882	81	1.027 118	9.998 092	1	633	
368	8.971 054	81	8.972 963	82	1.027 037	9.998 091	1	632	
369	8.971 135	81	8.973 045	82	1.026 955	9.998 090	1	631	
		81		81			0		
.370	8.971 216	80	8.973 126	81	1.026 874	9.998 090	1	.630	
		81		82			1		81
371	8.971 296	81	8.973 207	82	1.026 793	9.998 089	1	629	
372	8.971 377	80	8.973 289	81	1.026 711	9.998 088	0	628	
373	8.971 457	81	8.973 370	81	1.026 630	9.998 088	1	627	1 8.1
		81		81			1		2 16.2
374	8.971 538	81	8.973 451	81	1.026 549	9.998 087	1	626	3 24.3
375	8.971 619	80	8.973 532	82	1.026 468	9.998 086	1	625	4 32.4
376	8.971 699	81	8.973 614	81	1.026 386	9.998 085	1	624	5 40.5
		81		81			0		6 48.6
377	8.971 780	80	8.973 695	81	1.026 305	9.998 085	1	623	7 56.7
378	8.971 860	81	8.973 776	81	1.026 224	9.998 084	1	622	8 64.8
379	8.971 941	80	8.973 857	82	1.026 143	9.998 083	1	621	9 72.9
		81		82			0		
.380	8.972 021	81	8.973 939	81	1.026 061	9.998 083	1	.620	
		80		81			1		
381	8.972 102	81	8.974 020	81	1.025 980	9.998 082	1	619	
382	8.972 182	81	8.974 101	81	1.025 899	9.998 081	1	618	
383	8.972 263	80	8.974 182	81	1.025 818	9.998 080	0	617	
		81		81			1		
384	8.972 343	81	8.974 263	81	1.025 737	9.998 080	1	616	
385	8.972 424	80	8.974 344	82	1.025 656	9.998 079	1	615	
386	8.972 504	80	8.974 426	81	1.025 574	9.998 078	0	614	80
		81		81			1		
387	8.972 584	81	8.974 507	81	1.025 493	9.998 078	1	613	1 8.0
388	8.972 665	80	8.974 588	81	1.025 412	9.998 077	1	612	2 16.0
389	8.972 745	80	8.974 669	81	1.025 331	9.998 076	1	611	3 24.0
		81		81			1		4 32.0
.390	8.972 825	81	8.974 750	81	1.025 250	9.998 075	0	.610	5 40.0
		80		81			1		6 48.0
391	8.972 906	80	8.974 831	81	1.025 169	9.998 075	1	609	7 56.0
392	8.972 986	80	8.974 912	81	1.025 088	9.998 074	1	608	8 64.0
393	8.973 066	81	8.974 993	81	1.025 007	9.998 073	0	607	9 72.0
		81		81			1		
394	8.973 147	80	8.975 074	81	1.024 926	9.998 073	1	606	
395	8.973 227	80	8.975 155	81	1.024 845	9.998 072	1	605	
396	8.973 307	80	8.975 236	81	1.024 764	9.998 071	1	604	
		80		81			1		
397	8.973 387	81	8.975 317	81	1.024 683	9.998 070	0	603	
398	8.973 468	80	8.975 398	81	1.024 602	9.998 070	1	602	
399	8.973 548	80	8.975 479	81	1.024 521	9.998 069	1	601	
		81		81			1		
.400	8.973 628		8.975 560		1.024 440	9.998 068		.600	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.400 — 5°.450

5°	sin	d	tang	d	cotg	cos	d		P.P.
.400	8.973 628		8.975 560		1.024 440	9.998 068		.600	
401	8.973 708	80	8.975 641	81	1.024 359	9.998 068	0	599	
402	8.973 788	80	8.975 721	80	1.024 279	9.998 067	1	598	
403	8.973 868	80	8.975 802	81	1.024 198	9.998 066	1	597	
		81		81			1		
404	8.973 949	80	8.975 883	81	1.024 117	9.998 065	0	596	
405	8.974 029	80	8.975 964	81	1.024 036	9.998 065	1	595	
406	8.974 109	80	8.976 045	81	1.023 955	9.998 064	1	594	
		80		81			1		
407	8.974 189	80	8.976 126	80	1.023 874	9.998 063	0	593	81
408	8.974 269	80	8.976 206	81	1.023 794	9.998 063	1	592	1 8.1
409	8.974 349	80	8.976 287	81	1.023 713	9.998 062	1	591	2 16.2
		80		81			1		3 24.3
.410	8.974 429	80	8.976 368	81	1.023 632	9.998 061	1	.590	4 32.4
		80		81			1		5 40.5
411	8.974 509	80	8.976 449	80	1.023 551	9.998 060	0	589	6 48.6
412	8.974 589	80	8.976 529	81	1.023 471	9.998 060	1	588	7 56.7
413	8.974 669	80	8.976 610	81	1.023 390	9.998 059	1	587	8 64.8
		80		81			1		9 72.9
414	8.974 749	80	8.976 691	81	1.023 309	9.998 058	0	586	
415	8.974 829	80	8.976 772	81	1.023 228	9.998 058	1	585	
416	8.974 909	80	8.976 852	80	1.023 148	9.998 057	1	584	
		80		81			1		
417	8.974 989	80	8.976 933	81	1.023 067	9.998 056	1	583	
418	8.975 069	80	8.977 014	81	1.022 986	9.998 055	1	582	
419	8.975 149	80	8.977 094	80	1.022 906	9.998 055	0	581	
		80		81			1		
.420	8.975 229	80	8.977 175	80	1.022 825	9.998 054	1	.580	
		80		81			1		
421	8.975 309	79	8.977 255	81	1.022 745	9.998 053	0	579	80
422	8.975 388	80	8.977 336	81	1.022 664	9.998 053	1	578	
423	8.975 468	80	8.977 417	80	1.022 583	9.998 052	1	577	1 8.0
		80		81			1		2 16.0
424	8.975 548	80	8.977 497	81	1.022 503	9.998 051	1	576	3 24.0
425	8.975 628	80	8.977 578	80	1.022 422	9.998 050	1	575	4 32.0
426	8.975 708	80	8.977 658	81	1.022 342	9.998 050	0	574	5 40.0
		80		81			1		6 48.0
427	8.975 788	79	8.977 739	80	1.022 261	9.998 049	1	573	7 56.0
428	8.975 867	80	8.977 819	81	1.022 181	9.998 048	1	572	8 64.0
429	8.975 947	80	8.977 900	81	1.022 100	9.998 047	1	571	9 72.0
		80		80			0		
.430	8.976 027	80	8.977 980	81	1.022 020	9.998 047	1	.570	
		80		80			1		
431	8.976 107	79	8.978 061	80	1.021 939	9.998 046	1	569	
432	8.976 186	80	8.978 141	80	1.021 859	9.998 045	0	568	
433	8.976 266	80	8.978 221	81	1.021 779	9.998 045	1	567	
		80		81			1		
434	8.976 346	79	8.978 302	80	1.021 698	9.998 044	1	566	
435	8.976 425	80	8.978 382	81	1.021 618	9.998 043	1	565	
436	8.976 505	80	8.978 463	80	1.021 537	9.998 042	0	564	79
		80		80			1		
437	8.976 585	79	8.978 543	80	1.021 457	9.998 042	1	563	1 7.9
438	8.976 664	80	8.978 623	81	1.021 377	9.998 041	1	562	2 15.8
439	8.976 744	80	8.978 704	80	1.021 296	9.998 040	1	561	3 23.7
		80		80			0		4 31.6
.440	8.976 824	79	8.978 784	80	1.021 216	9.998 040	1	.560	5 39.5
		80		81			1		6 47.4
441	8.976 903	80	8.978 864	80	1.021 136	9.998 039	1	559	7 55.3
442	8.976 983	79	8.978 945	80	1.021 055	9.998 038	1	558	8 63.2
443	8.977 062	80	8.979 025	80	1.020 975	9.998 037	1	557	9 71.1
		80		80			0		
444	8.977 142	79	8.979 105	80	1.020 895	9.998 037	1	556	
445	8.977 221	80	8.979 185	81	1.020 815	9.998 036	1	555	
446	8.977 301	80	8.979 266	80	1.020 734	9.998 035	1	554	
		79		80			1		
447	8.977 380	80	8.979 346	80	1.020 654	9.998 034	0	553	
448	8.977 460	80	8.979 426	80	1.020 574	9.998 034	1	552	
449	8.977 539	79	8.979 506	80	1.020 494	9.998 033	1	551	
		80		80			1		
.450	8.977 619	80	8.979 586		1.020 414	9.998 032		.550	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.450 — 5°.500

5°	sin	d	tang	d	cotg	cos	d		P.P.
.450	8.977 619		8.979 586		1.020 414	9.998 032		.550	
451	8.977 698	79	8.979 667	81	1.020 333	9.998 032	0	549	
452	8.977 778	80	8.979 747	80	1.020 253	9.998 031	1	548	
453	8.977 857	79	8.979 827	80	1.020 173	9.998 030	1	547	
		79		80			1		81
454	8.977 936	80	8.979 907	80	1.020 093	9.998 029	0	546	
455	8.978 016	79	8.979 987	80	1.020 013	9.998 029	1	545	1 8.1
456	8.978 095	80	8.980 067	80	1.019 933	9.998 028	1	544	2 16.2
		80		80			1		3 24.3
457	8.978 175	79	8.980 147	80	1.019 853	9.998 027	0	543	4 32.4
458	8.978 254	79	8.980 227	80	1.019 773	9.998 027	1	542	5 40.5
459	8.978 333	79	8.980 307	80	1.019 693	9.998 026	1	541	6 48.6
		79		80			1		7 56.7
.460	8.978 412	80	8.980 387	80	1.019 613	9.998 025	1	.540	8 64.8
		80		80			1		9 72.9
461	8.978 492	79	8.980 467	80	1.019 533	9.998 024	0	539	
462	8.978 571	79	8.980 547	80	1.019 453	9.998 024	1	538	
463	8.978 650	80	8.980 627	80	1.019 373	9.998 023	1	537	
		80		80			1		
464	8.978 730	79	8.980 707	80	1.019 293	9.998 022	1	536	
465	8.978 809	79	8.980 787	80	1.019 213	9.998 021	0	535	
466	8.978 888	79	8.980 867	80	1.019 133	9.998 021	1	534	80
		79		80			1		1 8.0
467	8.978 967	79	8.980 947	80	1.019 053	9.998 020	1	533	2 16.0
468	8.979 046	80	8.981 027	80	1.018 973	9.998 019	0	532	3 24.0
469	8.979 126	79	8.981 107	80	1.018 893	9.998 019	1	531	4 32.0
		79		80			1		5 40.0
.470	8.979 205	79	8.981 187	80	1.018 813	9.998 018	1	.530	6 48.0
		79		80			1		7 56.0
471	8.979 284	79	8.981 267	80	1.018 733	9.998 017	0	529	8 64.0
472	8.979 363	79	8.981 347	80	1.018 653	9.998 016	1	528	9 72.0
473	8.979 442	79	8.981 427	79	1.018 573	9.998 016	1	527	
		79		80			1		
474	8.979 521	79	8.981 506	80	1.018 494	9.998 015	1	526	
475	8.979 600	79	8.981 586	80	1.018 414	9.998 014	1	525	
476	8.979 679	79	8.981 666	80	1.018 334	9.998 013	0	524	
		79		80			1		
477	8.979 758	80	8.981 746	80	1.018 254	9.998 013	1	523	79
478	8.979 838	79	8.981 826	79	1.018 174	9.998 012	1	522	
479	8.979 917	79	8.981 905	80	1.018 095	9.998 011	0	521	1 7.9
		79		80			1		2 15.8
.480	8.979 996	79	8.981 985	80	1.018 015	9.998 011	1	.520	3 23.7
		79		80			1		4 31.6
481	8.980 075	79	8.982 065	79	1.017 935	9.998 010	1	519	5 39.5
482	8.980 154	79	8.982 144	80	1.017 856	9.998 009	1	518	6 47.4
483	8.980 233	79	8.982 224	80	1.017 776	9.998 008	0	517	7 55.3
		79		80			1		8 63.2
484	8.980 312	78	8.982 304	80	1.017 696	9.998 008	1	516	9 71.1
485	8.980 390	79	8.982 384	79	1.017 616	9.998 007	1	515	
486	8.980 469	79	8.982 463	80	1.017 537	9.998 006	1	514	
		79		80			0		
487	8.980 548	79	8.982 543	79	1.017 457	9.998 005	1	513	
488	8.980 627	79	8.982 622	80	1.017 378	9.998 005	1	512	
489	8.980 706	79	8.982 702	80	1.017 298	9.998 004	1	511	
		79		80			1		78
.490	8.980 785	79	8.982 782	79	1.017 218	9.998 003	0	.510	1 7.8
		79		80			1		2 15.6
491	8.980 864	79	8.982 861	80	1.017 139	9.998 003	1	509	3 23.4
492	8.980 943	78	8.982 941	79	1.017 059	9.998 002	1	508	4 31.2
493	8.981 021	79	8.983 020	80	1.016 980	9.998 001	1	507	5 39.0
		79		80			1		6 46.8
494	8.981 100	79	8.983 100	79	1.016 900	9.998 000	0	506	7 54.6
495	8.981 179	79	8.983 179	80	1.016 821	9.998 000	1	505	8 62.4
496	8.981 258	79	8.983 259	79	1.016 741	9.997 999	1	504	9 70.2
		79		80			1		
497	8.981 337	78	8.983 338	80	1.016 662	9.997 998	1	503	
498	8.981 415	79	8.983 418	79	1.016 582	9.997 997	0	502	
499	8.981 494	79	8.983 497	80	1.016 503	9.997 997	1	501	
		79		80			1		
.500	8.981 573		8.983 577		1.016 423	9.997 996		.500	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.500 — 5°.550

5°	sin	d	tang	d	cotg	cos	d		P.P.
.500	8.981 573		8.983 577		1.016 423	9.997 996		.500	
501	8.981 652	79	8.983 656	79	1.016 344	9.997 995	1	499	
502	8.981 730	78	8.983 736	80	1.016 264	9.997 995	0	498	
503	8.981 809	79	8.983 815	79	1.016 185	9.997 994	1	497	
				80			1		
504	8.981 888	79	8.983 895	79	1.016 105	9.997 993	1	496	
505	8.981 966	78	8.983 974	79	1.016 026	9.997 992	0	495	
506	8.982 045	79	8.984 053	79	1.015 947	9.997 992	1	494	
				80			1		
507	8.982 124	79	8.984 133	79	1.015 867	9.997 991	1	493	80
508	8.982 202	78	8.984 212	79	1.015 788	9.997 990	1	492	1 8.0
509	8.982 281	79	8.984 291	79	1.015 709	9.997 989	1	491	2 16.0
				80			0		3 24.0
.510	8.982 359	78	8.984 371		1.015 629	9.997 989	1	.490	4 32.0
		79		79			1		5 40.0
511	8.982 438	78	8.984 450	79	1.015 550	9.997 988	1	489	6 48.0
512	8.982 516	79	8.984 529	80	1.015 471	9.997 987	1	488	7 56.0
513	8.982 595	79	8.984 609	79	1.015 391	9.997 986	1	487	8 64.0
				80			0		9 72.0
514	8.982 674	79	8.984 688	79	1.015 312	9.997 986	1	486	
515	8.982 752	78	8.984 767	79	1.015 233	9.997 985	1	485	
516	8.982 831	79	8.984 846	79	1.015 154	9.997 984	1	484	
				80			0		
517	8.982 909	78	8.984 925	79	1.015 075	9.997 984	1	483	
518	8.982 988	79	8.985 005	80	1.014 995	9.997 983	1	482	
519	8.983 066	78	8.985 084	79	1.014 916	9.997 982	1	481	
		78		79			1		
.520	8.983 144	79	8.985 163		1.014 837	9.997 981	0	.480	
		79		79			1		79
521	8.983 223	78	8.985 242	79	1.014 758	9.997 981	1	479	
522	8.983 301	79	8.985 321	79	1.014 679	9.997 980	1	478	
523	8.983 380	78	8.985 400	80	1.014 600	9.997 979	1	477	
				80			1		
524	8.983 458	78	8.985 480	79	1.014 520	9.997 978	0	476	
525	8.983 536	79	8.985 559	79	1.014 441	9.997 978	1	475	
526	8.983 615	78	8.985 638	79	1.014 362	9.997 977	1	474	
				80			1		
527	8.983 693	78	8.985 717	79	1.014 283	9.997 976	1	473	
528	8.983 771	79	8.985 796	79	1.014 204	9.997 975	1	472	
529	8.983 850	78	8.985 875	79	1.014 125	9.997 975	0	471	
		78		79			1		
.530	8.983 928	79	8.985 954		1.014 046	9.997 974	1	.470	
		78		79			1		
531	8.984 006	79	8.986 033	79	1.013 967	9.997 973	0	469	
532	8.984 085	78	8.986 112	79	1.013 888	9.997 973	1	468	
533	8.984 163	79	8.986 191	79	1.013 809	9.997 972	1	467	
				80			1		
534	8.984 241	78	8.986 270	79	1.013 730	9.997 971	1	466	
535	8.984 319	79	8.986 349	79	1.013 651	9.997 970	0	465	
536	8.984 397	78	8.986 428	79	1.013 572	9.997 970	1	464	78
				80			1		
537	8.984 476	79	8.986 507	79	1.013 493	9.997 969	1	463	1 7.8
538	8.984 554	78	8.986 586	79	1.013 414	9.997 968	1	462	2 15.6
539	8.984 632	79	8.986 665	79	1.013 335	9.997 967	1	461	3 23.4
		78		79			0		4 31.2
.540	8.984 710	79	8.986 744		1.013 256	9.997 967	1	.460	5 39.0
		78		78			1		6 46.8
541	8.984 788	79	8.986 822	79	1.013 178	9.997 966	1	459	7 54.6
542	8.984 866	78	8.986 901	79	1.013 099	9.997 965	1	458	8 62.4
543	8.984 945	79	8.986 980	79	1.013 020	9.997 964	1	457	9 70.2
				80			0		
544	8.985 023	78	8.987 059	79	1.012 941	9.997 964	1	456	
545	8.985 101	79	8.987 138	79	1.012 862	9.997 963	1	455	
546	8.985 179	78	8.987 217	79	1.012 783	9.997 962	1	454	
				80			0		
547	8.985 257	79	8.987 295	79	1.012 705	9.997 962	1	453	
548	8.985 335	78	8.987 374	79	1.012 626	9.997 961	1	452	
549	8.985 413	79	8.987 453	79	1.012 547	9.997 960	1	451	
		78		79			1		
.550	8.985 491	79	8.987 532		1.012 468	9.997 959	1	.450	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.550 — 5°.600

5°	sin	d	tang	d	cotg	cos	d		P.P.
.550	8.985 491		8.987 532		1.012 468	9.997 959		.450	
551	8.985 569	78	8.987 610	78	1.012 390	9.997 959	0	449	
552	8.985 647	78	8.987 689	79	1.012 311	9.997 958	1	448	
553	8.985 725	78	8.987 768	79	1.012 232	9.997 957	1	447	
		78		79			1		
554	8.985 803	78	8.987 847	79	1.012 153	9.997 956	0	446	
555	8.985 881	78	8.987 925	78	1.012 075	9.997 956	1	445	
556	8.985 959	78	8.988 004	79	1.011 996	9.997 955	1	444	
		78		79			1		
557	8.986 037	78	8.988 083	78	1.011 917	9.997 954	1	443	79
558	8.986 115	78	8.988 161	78	1.011 839	9.997 953	0	442	1 7.9
559	8.986 192	77	8.988 240	79	1.011 760	9.997 953	0	441	2 15.8
		78		78			1		3 23.7
.560	8.986 270	78	8.988 318	79	1.011 682	9.997 952	1	.440	4 31.6
		78		79			1		5 39.5
561	8.986 348	78	8.988 397	79	1.011 603	9.997 951	1	439	6 47.4
562	8.986 426	78	8.988 476	79	1.011 524	9.997 950	0	438	7 55.3
563	8.986 504	78	8.988 554	78	1.011 446	9.997 950	1	437	8 63.2
		78		79			1		9 71.1
564	8.986 582	78	8.988 633	79	1.011 367	9.997 949	1	436	
565	8.986 659	77	8.988 711	78	1.011 289	9.997 948	0	435	
566	8.986 737	78	8.988 790	79	1.011 210	9.997 948	1	434	
		78		78			1		
567	8.986 815	78	8.988 868	79	1.011 132	9.997 947	1	433	
568	8.986 893	78	8.988 947	79	1.011 053	9.997 946	1	432	
569	8.986 971	78	8.989 025	78	1.010 975	9.997 945	0	431	
		77		79			1		
.570	8.987 048	78	8.989 104	78	1.010 896	9.997 945	1	.430	
		78		79			1		78
571	8.987 126	78	8.989 182	79	1.010 818	9.997 944	1	429	1 7.8
572	8.987 204	77	8.989 261	78	1.010 739	9.997 943	1	428	2 15.6
573	8.987 281	78	8.989 339	78	1.010 661	9.997 942	0	427	3 23.4
		78		79			1		4 31.2
574	8.987 359	78	8.989 417	79	1.010 583	9.997 942	1	426	5 39.0
575	8.987 437	77	8.989 496	78	1.010 504	9.997 941	1	425	6 46.8
576	8.987 514	78	8.989 574	79	1.010 426	9.997 940	0	424	7 54.6
		78		78			1		8 62.4
577	8.987 592	78	8.989 653	79	1.010 347	9.997 939	1	423	9 70.2
578	8.987 670	78	8.989 731	78	1.010 269	9.997 939	1	422	
579	8.987 747	77	8.989 809	78	1.010 191	9.997 938	1	421	
		78		79			1		
.580	8.987 825	77	8.989 888	78	1.010 112	9.997 937	1	.420	
		78		78			0		
581	8.987 902	78	8.989 966	78	1.010 034	9.997 936	1	419	
582	8.987 980	78	8.990 044	79	1.009 956	9.997 936	1	418	
583	8.988 058	77	8.990 123	78	1.009 877	9.997 935	1	417	
		78		78			1		
584	8.988 135	78	8.990 201	78	1.009 799	9.997 934	0	416	
585	8.988 213	77	8.990 279	78	1.009 721	9.997 933	1	415	
586	8.988 290	78	8.990 357	79	1.009 643	9.997 933	1	414	77
		78		78			1		1 7.7
587	8.988 368	77	8.990 436	78	1.009 564	9.997 932	1	413	2 15.4
588	8.988 445	78	8.990 514	78	1.009 486	9.997 931	1	412	3 23.1
589	8.988 523	77	8.990 592	78	1.009 408	9.997 930	0	411	4 30.8
		77		78			1		5 38.5
.590	8.988 600	77	8.990 670	78	1.009 330	9.997 930	1	.410	6 46.2
		78		79			1		7 53.9
591	8.988 677	78	8.990 748	78	1.009 252	9.997 929	0	409	8 61.6
592	8.988 755	77	8.990 827	78	1.009 173	9.997 928	1	408	9 69.3
593	8.988 832	78	8.990 905	78	1.009 095	9.997 928	1	407	
		78		78			1		
594	8.988 910	77	8.990 983	78	1.009 017	9.997 927	0	406	
595	8.988 987	77	8.991 061	78	1.008 939	9.997 926	1	405	
596	8.989 064	77	8.991 139	78	1.008 861	9.997 925	1	404	
		78		78			0		
597	8.989 142	77	8.991 217	78	1.008 783	9.997 925	1	403	
598	8.989 219	77	8.991 295	78	1.008 705	9.997 924	1	402	
599	8.989 296	77	8.991 373	78	1.008 627	9.997 923	1	401	
		78		78			1		
.600	8.989 374		8.991 451		1.008 549	9.997 922		.400	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.600 — 5°.650

5°	sin	d	tang	d	cotg	cos	d		P.P.
.600	8.989 374		8.991 451		1.008 549	9.997 922		.400	
601	8.989 451	77	8.991 529	78	1.008 471	9.997 922	0	399	
602	8.989 528	77	8.991 607	78	1.008 393	9.997 921	1	398	
603	8.989 606	78	8.991 685	78	1.008 315	9.997 920	1	397	
604	8.989 683	77	8.991 763	78	1.008 237	9.997 919	1	396	
605	8.989 760	77	8.991 841	78	1.008 159	9.997 919	0	395	
606	8.989 837	77	8.991 919	78	1.008 081	9.997 918	1	394	
607	8.989 915	78	8.991 997	78	1.008 003	9.997 917	1	393	78
608	8.989 992	77	8.992 075	78	1.007 925	9.997 916	1	392	1 7.8
609	8.990 069	77	8.992 153	78	1.007 847	9.997 916	0	391	2 15.6
.610	8.990 146	77	8.992 231	78	1.007 769	9.997 915	1	.390	3 23.4
611	8.990 223	77	8.992 309	78	1.007 691	9.997 914	1	389	4 31.2
612	8.990 300	77	8.992 387	78	1.007 613	9.997 913	1	388	5 39.0
613	8.990 378	78	8.992 465	78	1.007 535	9.997 913	0	387	6 46.8
614	8.990 455	77	8.992 543	78	1.007 457	9.997 912	1	386	7 54.6
615	8.990 532	77	8.992 621	78	1.007 379	9.997 911	1	385	8 62.4
616	8.990 609	77	8.992 698	77	1.007 302	9.997 910	1	384	9 70.2
617	8.990 686	77	8.992 776	78	1.007 224	9.997 910	0	383	
618	8.990 763	77	8.992 854	78	1.007 146	9.997 909	1	382	
619	8.990 840	77	8.992 932	78	1.007 068	9.997 908	1	381	
.620	8.990 917	77	8.993 010	78	1.006 990	9.997 907	1	.380	
621	8.990 994	77	8.993 087	77	1.006 913	9.997 907	0	379	77
622	8.991 071	77	8.993 165	78	1.006 835	9.997 906	1	378	
623	8.991 148	77	8.993 243	78	1.006 757	9.997 905	1	377	1 7.7
624	8.991 225	77	8.993 321	78	1.006 679	9.997 904	1	376	2 15.4
625	8.991 302	77	8.993 398	77	1.006 602	9.997 904	0	375	3 23.1
626	8.991 379	77	8.993 476	78	1.006 524	9.997 903	1	374	4 30.8
627	8.991 456	77	8.993 554	78	1.006 446	9.997 902	1	373	5 38.5
628	8.991 533	77	8.993 631	77	1.006 369	9.997 901	1	372	6 46.2
629	8.991 610	77	8.993 709	78	1.006 291	9.997 901	0	371	7 53.9
.630	8.991 687	77	8.993 787	78	1.006 213	9.997 900	1	.370	8 61.6
631	8.991 764	77	8.993 864	77	1.006 136	9.997 899	1	369	9 69.3
632	8.991 840	76	8.993 942	78	1.006 058	9.997 898	1	368	
633	8.991 917	77	8.994 020	78	1.005 980	9.997 898	0	367	
634	8.991 994	77	8.994 097	77	1.005 903	9.997 897	1	366	
635	8.992 071	77	8.994 175	78	1.005 825	9.997 896	1	365	
636	8.992 148	77	8.994 252	78	1.005 748	9.997 895	0	364	76
637	8.992 225	77	8.994 330	78	1.005 670	9.997 895	1	363	1 7.6
638	8.992 301	76	8.994 407	77	1.005 593	9.997 894	1	362	2 15.2
639	8.992 378	77	8.994 485	78	1.005 515	9.997 893	1	361	3 22.8
.640	8.992 455	77	8.994 562	77	1.005 438	9.997 892	1	.360	4 30.4
641	8.992 532	77	8.994 640	78	1.005 360	9.997 892	0	359	5 38.0
642	8.992 608	76	8.994 717	77	1.005 283	9.997 891	1	358	6 45.6
643	8.992 685	77	8.994 795	78	1.005 205	9.997 890	1	357	7 53.2
644	8.992 762	77	8.994 872	77	1.005 128	9.997 889	1	356	8 60.8
645	8.992 838	76	8.994 950	78	1.005 050	9.997 889	0	355	9 68.4
646	8.992 915	77	8.995 027	77	1.004 973	9.997 888	1	354	
647	8.992 992	77	8.995 105	78	1.004 895	9.997 887	1	353	
648	8.993 068	76	8.995 182	77	1.004 818	9.997 886	1	352	
649	8.993 145	77	8.995 259	77	1.004 741	9.997 886	0	351	
.650	8.993 222	77	8.995 337	78	1.004 663	9.997 885	1	.350	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.650 — 5°.700

5°	sin	d	tang	d	cotg	cos	d		P.P.
.650	8.993 222		8.995 337		1.004 663	9.997 885		.350	
651	8.993 298	76	8.995 414	77	1.004 586	9.997 884	1	349	
652	8.993 375	77	8.995 491	77	1.004 509	9.997 883	1	348	
653	8.993 452	77	8.995 569	78	1.004 431	9.997 883	0	347	
654	8.993 528	76	8.995 646	77	1.004 354	9.997 882	1	346	
655	8.993 605	77	8.995 723	77	1.004 277	9.997 881	1	345	
656	8.993 681	76	8.995 801	78	1.004 199	9.997 880	1	344	
657	8.993 758	77	8.995 878	77	1.004 122	9.997 880	0	343	78
658	8.993 834	76	8.995 955	77	1.004 045	9.997 879	1	342	1 7.8
659	8.993 911	77	8.996 032	77	1.003 968	9.997 878	1	341	2 15.6
.660	8.993 987	76	8.996 110	78	1.003 890	9.997 877	1	.340	3 23.4
661	8.994 064	77	8.996 187	77	1.003 813	9.997 877	0	339	4 31.2
662	8.994 140	76	8.996 264	77	1.003 736	9.997 876	1	338	5 39.0
663	8.994 217	77	8.996 341	77	1.003 659	9.997 875	1	337	6 46.8
664	8.994 293	76	8.996 419	78	1.003 581	9.997 874	1	336	7 54.6
665	8.994 369	76	8.996 496	77	1.003 504	9.997 874	0	335	8 62.4
666	8.994 446	77	8.996 573	77	1.003 427	9.997 873	1	334	9 70.2
667	8.994 522	76	8.996 650	77	1.003 350	9.997 872	1	333	
668	8.994 599	77	8.996 727	77	1.003 273	9.997 871	1	332	
669	8.994 675	76	8.996 804	77	1.003 196	9.997 871	0	331	
.670	8.994 751	76	8.996 881	77	1.003 119	9.997 870	1	.330	
671	8.994 828	77	8.996 958	77	1.003 042	9.997 869	1	329	77
672	8.994 904	76	8.997 036	78	1.002 964	9.997 868	1	328	
673	8.994 980	76	8.997 113	77	1.002 887	9.997 868	0	327	1 7.7
674	8.995 057	77	8.997 190	77	1.002 810	9.997 867	1	326	2 15.4
675	8.995 133	76	8.997 267	77	1.002 733	9.997 866	1	325	3 23.1
676	8.995 209	76	8.997 344	77	1.002 656	9.997 865	1	324	4 30.8
677	8.995 285	76	8.997 421	77	1.002 579	9.997 865	0	323	5 38.5
678	8.995 362	77	8.997 498	77	1.002 502	9.997 864	1	322	6 46.2
679	8.995 438	76	8.997 575	77	1.002 425	9.997 863	1	321	7 53.9
.680	8.995 514	76	8.997 652	77	1.002 348	9.997 862	1	.320	8 61.6
681	8.995 590	76	8.997 729	77	1.002 271	9.997 862	0	319	9 69.3
682	8.995 667	77	8.997 806	77	1.002 194	9.997 861	1	318	
683	8.995 743	76	8.997 883	77	1.002 117	9.997 860	1	317	
684	8.995 819	76	8.997 959	76	1.002 041	9.997 859	1	316	
685	8.995 895	76	8.998 036	77	1.001 964	9.997 859	0	315	
686	8.995 971	76	8.998 113	77	1.001 887	9.997 858	1	314	76
687	8.996 047	76	8.998 190	77	1.001 810	9.997 857	1	313	1 7.6
688	8.996 123	76	8.998 267	77	1.001 733	9.997 856	1	312	2 15.2
689	8.996 199	76	8.998 344	77	1.001 656	9.997 856	0	311	3 22.8
.690	8.996 276	77	8.998 421	77	1.001 579	9.997 855	1	.310	4 30.4
691	8.996 352	76	8.998 497	76	1.001 503	9.997 854	1	309	5 38.0
692	8.996 428	76	8.998 574	77	1.001 426	9.997 853	1	308	6 45.6
693	8.996 504	76	8.998 651	77	1.001 349	9.997 853	0	307	7 53.2
694	8.996 580	76	8.998 728	77	1.001 272	9.997 852	1	306	8 60.8
695	8.996 656	76	8.998 805	77	1.001 195	9.997 851	1	305	9 68.4
696	8.996 732	76	8.998 881	76	1.001 119	9.997 850	1	304	
697	8.996 808	76	8.998 958	77	1.001 042	9.997 850	0	303	
698	8.996 884	76	8.999 035	77	1.000 965	9.997 849	1	302	
699	8.996 960	76	8.999 112	77	1.000 888	9.997 848	1	301	
.700	8.997 036	76	8.999 188	76	1.000 812	9.997 847	1	.300	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

5°.700 — 5°.750

5°	sin	d	tang	d	cotg	cos	d		P.P.
.700	8.997 036		8.999 188		1.000 812	9.997 847		.300	
701	8.997 112	76	8.999 265	77	1.000 735	9.997 847	0	299	
702	8.997 187	75	8.999 342	77	1.000 658	9.997 846	1	298	
703	8.997 263	76	8.999 418	76	1.000 582	9.997 845	1	297	
704	8.997 339	76	8.999 495	77	1.000 505	9.997 844	1	296	
705	8.997 415	76	8.999 572	77	1.000 428	9.997 844	0	295	
706	8.997 491	76	8.999 648	76	1.000 352	9.997 843	1	294	
707	8.997 567	76	8.999 725	77	1.000 275	9.997 842	1	293	77
708	8.997 643	76	8.999 801	76	1.000 199	9.997 841	1	292	1 7.7
709	8.997 719	76	8.999 878	77	1.000 122	9.997 841	0	291	2 15.4
.710	8.997 794	75	8.999 955	77	1.000 045	9.997 840	1	.290	3 23.1
711	8.997 870	76	9.000 031	76	0.999 969	9.997 839	1	289	4 30.8
712	8.997 946	76	9.000 108	77	0.999 892	9.997 838	1	288	5 38.5
713	8.998 022	76	9.000 184	76	0.999 816	9.997 837	1	287	6 46.2
714	8.998 097	75	9.000 261	77	0.999 739	9.997 837	0	286	7 53.9
715	8.998 173	76	9.000 337	76	0.999 663	9.997 836	1	285	8 61.6
716	8.998 249	76	9.000 414	77	0.999 586	9.997 835	1	284	9 69.3
717	8.998 325	76	9.000 490	76	0.999 510	9.997 834	1	283	
718	8.998 400	75	9.000 567	77	0.999 433	9.997 834	0	282	
719	8.998 476	76	9.000 643	76	0.999 357	9.997 833	1	281	
.720	8.998 552	76	9.000 720	77	0.999 280	9.997 832	1	.280	
721	8.998 627	75	9.000 796	76	0.999 204	9.997 831	1	279	76
722	8.998 703	76	9.000 872	76	0.999 128	9.997 831	0	278	
723	8.998 779	76	9.000 949	77	0.999 051	9.997 830	1	277	1 7.6
724	8.998 854	75	9.001 025	76	0.998 975	9.997 829	1	276	2 15.2
725	8.998 930	76	9.001 102	77	0.998 898	9.997 828	1	275	3 22.8
726	8.999 006	76	9.001 178	76	0.998 822	9.997 828	0	274	4 30.4
727	8.999 081	75	9.001 254	76	0.998 746	9.997 827	1	273	5 38.0
728	8.999 157	76	9.001 331	77	0.998 669	9.997 826	1	272	6 45.6
729	8.999 232	75	9.001 407	76	0.998 593	9.997 825	1	271	7 53.2
.730	8.999 308	76	9.001 483	76	0.998 517	9.997 825	0	.270	8 60.8
731	8.999 383	75	9.001 560	77	0.998 440	9.997 824	1	269	9 68.4
732	8.999 459	76	9.001 636	76	0.998 364	9.997 823	1	268	
733	8.999 534	75	9.001 712	76	0.998 288	9.997 822	1	267	
734	8.999 610	76	9.001 788	76	0.998 212	9.997 822	0	266	
735	8.999 685	75	9.001 865	77	0.998 135	9.997 821	1	265	
736	8.999 761	76	9.001 941	76	0.998 059	9.997 820	1	264	75
737	8.999 836	75	9.002 017	76	0.997 983	9.997 819	1	263	1 7.5
738	8.999 912	76	9.002 093	76	0.997 907	9.997 818	1	262	2 15.0
739	8.999 987	75	9.002 169	76	0.997 831	9.997 818	0	261	3 22.5
.740	9.000 063	76	9.002 246	77	0.997 754	9.997 817	1	.260	4 30.0
741	9.000 138	75	9.002 322	76	0.997 678	9.997 816	1	259	5 37.5
742	9.000 213	75	9.002 398	76	0.997 602	9.997 815	1	258	6 45.0
743	9.000 289	76	9.002 474	76	0.997 526	9.997 815	0	257	7 52.5
744	9.000 364	75	9.002 550	76	0.997 450	9.997 814	1	256	8 60.0
745	9.000 439	75	9.002 626	76	0.997 374	9.997 813	1	255	9 67.5
746	9.000 515	76	9.002 702	76	0.997 298	9.997 812	1	254	
747	9.000 590	75	9.002 778	76	0.997 222	9.997 812	0	253	
748	9.000 665	75	9.002 855	77	0.997 145	9.997 811	1	252	
749	9.000 741	76	9.002 931	76	0.997 069	9.997 810	1	251	
.750	9.000 816	75	9.003 007	76	0.996 993	9.997 809	1	.250	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.750 — 5°.800

5°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.000 816		9.003 007		0.996 993	9.997 809		.250	
751	9.000 891	75	9.003 083	76	0.996 917	9.997 809	0	249	
752	9.000 966	75	9.003 159	76	0.996 841	9.997 808	1	248	
753	9.001 042	76	9.003 235	76	0.996 765	9.997 807	1	247	
		75		76			1		
754	9.001 117	75	9.003 311	76	0.996 689	9.997 806	0	246	
755	9.001 192	75	9.003 387	76	0.996 613	9.997 806	1	245	
756	9.001 267	75	9.003 463	76	0.996 537	9.997 805	1	244	
		76		76			1		
757	9.001 343	75	9.003 539	76	0.996 461	9.997 804	1	243	
758	9.001 418	75	9.003 615	75	0.996 385	9.997 803	1	242	
759	9.001 493	75	9.003 690	75	0.996 310	9.997 802	0	241	
		75		76			1		
.760	9.001 568	75	9.003 766	76	0.996 234	9.997 802	1	.240	
		75		76			1		
761	9.001 643	75	9.003 842	76	0.996 158	9.997 801	1	239	
762	9.001 718	75	9.003 918	76	0.996 082	9.997 800	1	238	
763	9.001 793	75	9.003 994	76	0.996 006	9.997 799	0	237	
		76		76			1		
764	9.001 869	75	9.004 070	76	0.995 930	9.997 799	1	236	
765	9.001 944	75	9.004 146	76	0.995 854	9.997 798	1	235	
766	9.002 019	75	9.004 222	76	0.995 778	9.997 797	1	234	
		75		75			0		
767	9.002 094	75	9.004 297	76	0.995 703	9.997 796	1	233	
768	9.002 169	75	9.004 373	76	0.995 627	9.997 796	0	232	
769	9.002 244	75	9.004 449	76	0.995 551	9.997 795	1	231	
		75		76			1		
.770	9.002 319	75	9.004 525	76	0.995 475	9.997 794	1	.230	
		75		76			0		
771	9.002 394	75	9.004 601	75	0.995 399	9.997 793	1	229	
772	9.002 469	75	9.004 676	76	0.995 324	9.997 793	1	228	
773	9.002 544	75	9.004 752	76	0.995 248	9.997 792	1	227	
		75		76			1		
774	9.002 619	75	9.004 828	76	0.995 172	9.997 791	1	226	
775	9.002 694	75	9.004 904	75	0.995 096	9.997 790	1	225	
776	9.002 769	75	9.004 979	75	0.995 021	9.997 789	1	224	
		75		76			0		
777	9.002 844	75	9.005 055	76	0.994 945	9.997 789	1	223	
778	9.002 919	75	9.005 131	76	0.994 869	9.997 788	1	222	
779	9.002 993	74	9.005 206	75	0.994 794	9.997 787	1	221	
		75		76			1		
.780	9.003 068	75	9.005 282	76	0.994 718	9.997 786	0	.220	
		75		75			1		
781	9.003 143	75	9.005 358	75	0.994 642	9.997 786	1	219	
782	9.003 218	75	9.005 433	76	0.994 567	9.997 785	1	218	
783	9.003 293	75	9.005 509	75	0.994 491	9.997 784	1	217	
		75		75			0		
784	9.003 368	75	9.005 584	76	0.994 416	9.997 783	1	216	
785	9.003 443	74	9.005 660	76	0.994 340	9.997 783	1	215	
786	9.003 517	75	9.005 736	75	0.994 264	9.997 782	1	214	
		75		75			1		
787	9.003 592	75	9.005 811	76	0.994 189	9.997 781	1	213	
788	9.003 667	75	9.005 887	75	0.994 113	9.997 780	1	212	
789	9.003 742	75	9.005 962	75	0.994 038	9.997 779	0	211	
		74		75			1		
.790	9.003 817	74	9.006 038	75	0.993 962	9.997 779	1	.210	
		75		76			1		
791	9.003 891	75	9.006 113	76	0.993 887	9.997 778	1	209	
792	9.003 966	75	9.006 189	75	0.993 811	9.997 777	1	208	
793	9.004 041	75	9.006 264	76	0.993 736	9.997 776	0	207	
		74		75			1		
794	9.004 115	75	9.006 340	75	0.993 660	9.997 776	1	206	
795	9.004 190	75	9.006 415	76	0.993 585	9.997 775	1	205	
796	9.004 265	75	9.006 491	75	0.993 509	9.997 774	1	204	
		74		75			0		
797	9.004 339	75	9.006 566	76	0.993 434	9.997 773	1	203	
798	9.004 414	75	9.006 642	75	0.993 358	9.997 773	1	202	
799	9.004 489	75	9.006 717	75	0.993 283	9.997 772	1	201	
		74		75			1		
.800	9.004 563	74	9.006 792	75	0.993 208	9.997 771	1	.200	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.250 — 84°.200

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.800 — 5°.850

5°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.004 563		9.006 792		0.993 208	9.997 771		.200	
801	9.004 638	75	9.006 868	76	0.993 132	9.997 770	1	199	
802	9.004 713	75	9.006 943	75	0.993 057	9.997 769	1	198	
803	9.004 787	74	9.007 018	75	0.992 982	9.997 769	0	197	
804	9.004 862	75	9.007 094	76	0.992 906	9.997 768	1	196	
805	9.004 936	74	9.007 169	75	0.992 831	9.997 767	1	195	
806	9.005 011	75	9.007 244	75	0.992 756	9.997 766	1	194	
807	9.005 085	74	9.007 320	76	0.992 680	9.997 766	0	193	76
808	9.005 160	75	9.007 395	75	0.992 605	9.997 765	1	192	1 7.6
809	9.005 234	74	9.007 470	75	0.992 530	9.997 764	1	191	2 15.2
.810	9.005 309	75	9.007 546	76	0.992 454	9.997 763	1	.190	3 22.8
811	9.005 383	74	9.007 621	75	0.992 379	9.997 763	0	189	4 30.4
812	9.005 458	75	9.007 696	75	0.992 304	9.997 762	1	188	5 38.0
813	9.005 532	74	9.007 771	75	0.992 229	9.997 761	1	187	6 45.6
814	9.005 607	75	9.007 847	76	0.992 153	9.997 760	1	186	7 53.2
815	9.005 681	74	9.007 922	75	0.992 078	9.997 759	1	185	8 60.8
816	9.005 756	75	9.007 997	75	0.992 003	9.997 759	0	184	9 68.4
817	9.005 830	74	9.008 072	75	0.991 928	9.997 758	1	183	
818	9.005 904	74	9.008 147	75	0.991 853	9.997 757	1	182	
819	9.005 979	75	9.008 223	76	0.991 777	9.997 756	1	181	
.820	9.006 053	74	9.008 298	75	0.991 702	9.997 756	0	.180	
821	9.006 128	75	9.008 373	75	0.991 627	9.997 755	1	179	75
822	9.006 202	74	9.008 448	75	0.991 552	9.997 754	1	178	
823	9.006 276	74	9.008 523	75	0.991 477	9.997 753	1	177	1 7.5
824	9.006 351	75	9.008 598	75	0.991 402	9.997 752	1	176	2 15.0
825	9.006 425	74	9.008 673	75	0.991 327	9.997 752	0	175	3 22.5
826	9.006 499	74	9.008 748	75	0.991 252	9.997 751	1	174	4 30.0
827	9.006 573	74	9.008 823	75	0.991 177	9.997 750	1	173	5 37.5
828	9.006 648	75	9.008 898	75	0.991 102	9.997 749	1	172	6 45.0
829	9.006 722	74	9.008 973	75	0.991 027	9.997 749	0	171	7 52.5
.830	9.006 796	74	9.009 048	75	0.990 952	9.997 748	1	.170	8 60.0
831	9.006 870	74	9.009 123	75	0.990 877	9.997 747	1	169	9 67.5
832	9.006 945	75	9.009 198	75	0.990 802	9.997 746	1	168	
833	9.007 019	74	9.009 273	75	0.990 727	9.997 746	0	167	
834	9.007 093	74	9.009 348	75	0.990 652	9.997 745	1	166	
835	9.007 167	74	9.009 423	75	0.990 577	9.997 744	1	165	
836	9.007 241	74	9.009 498	75	0.990 502	9.997 743	1	164	
837	9.007 316	75	9.009 573	75	0.990 427	9.997 742	1	163	74
838	9.007 390	74	9.009 648	75	0.990 352	9.997 742	0	162	1 7.4
839	9.007 464	74	9.009 723	75	0.990 277	9.997 741	1	161	2 14.8
.840	9.007 538	74	9.009 798	75	0.990 202	9.997 740	1	.160	3 22.2
841	9.007 612	74	9.009 873	75	0.990 127	9.997 739	1	159	4 29.6
842	9.007 686	74	9.009 948	75	0.990 052	9.997 739	0	158	5 37.0
843	9.007 760	74	9.010 022	74	0.989 978	9.997 738	1	157	6 44.4
844	9.007 834	74	9.010 097	75	0.989 903	9.997 737	1	156	7 51.8
845	9.007 908	74	9.010 172	75	0.989 828	9.997 736	1	155	8 59.2
846	9.007 982	74	9.010 247	75	0.989 753	9.997 735	1	154	9 66.6
847	9.008 056	74	9.010 322	75	0.989 678	9.997 735	0	153	
848	9.008 130	74	9.010 397	75	0.989 603	9.997 734	1	152	
849	9.008 204	74	9.010 471	74	0.989 529	9.997 733	1	151	
.850	9.008 278	74	9.010 546	75	0.989 454	9.997 732	1	.150	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.200 — 84°.150

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$5^{\circ}.850 - 5^{\circ}.900$

5°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.008 278		9.010 546		0.989 454	9.997 732		.150	
851	9.008 352	74	9.010 621	75	0.989 379	9.997 732	0	149	
852	9.008 426	74	9.010 696	75	0.989 304	9.997 731	1	148	
853	9.008 500	74	9.010 770	74	0.989 230	9.997 730	1	147	
		74		75			1		
854	9.008 574	74	9.010 845	75	0.989 155	9.997 729	1	146	
855	9.008 648	74	9.010 920	75	0.989 080	9.997 728	0	145	
856	9.008 722	74	9.010 994	74	0.989 006	9.997 728	1	144	
		74		75			1		
857	9.008 796	74	9.011 069	75	0.988 931	9.997 727	1	143	
858	9.008 870	74	9.011 144	75	0.988 856	9.997 726	1	142	
859	9.008 944	74	9.011 218	74	0.988 782	9.997 725	1	141	
		74		75			0		
.860	9.009 018		9.011 293		0.988 707	9.997 725		.140	
		73		75			1		
861	9.009 091	74	9.011 368	74	0.988 632	9.997 724	1	139	
862	9.009 165	74	9.011 442	74	0.988 558	9.997 723	1	138	
863	9.009 239	74	9.011 517	75	0.988 483	9.997 722	1	137	
		74		74			1		
864	9.009 313	74	9.011 591	74	0.988 409	9.997 721	1	136	
865	9.009 387	74	9.011 666	75	0.988 334	9.997 721	0	135	
866	9.009 460	73	9.011 741	75	0.988 259	9.997 720	1	134	
		74		74			1		
867	9.009 534	74	9.011 815	74	0.988 185	9.997 719	1	133	
868	9.009 608	74	9.011 890	75	0.988 110	9.997 718	1	132	
869	9.009 682	74	9.011 964	74	0.988 036	9.997 718	0	131	
		73		75			1		
.870	9.009 755		9.012 039		0.987 961	9.997 717		.130	
		74		74			1		
871	9.009 829	74	9.012 113	75	0.987 887	9.997 716	1	129	
872	9.009 903	74	9.012 188	74	0.987 812	9.997 715	1	128	
873	9.009 977	74	9.012 262	74	0.987 738	9.997 714	1	127	
		73		75			0		
874	9.010 050	74	9.012 337	74	0.987 663	9.997 714	1	126	
875	9.010 124	74	9.012 411	74	0.987 589	9.997 713	1	125	
876	9.010 198	74	9.012 485	74	0.987 515	9.997 712	1	124	
		73		75			1		
877	9.010 271	74	9.012 560	74	0.987 440	9.997 711	0	123	
878	9.010 345	74	9.012 634	74	0.987 366	9.997 711	1	122	
879	9.010 418	73	9.012 709	75	0.987 291	9.997 710	1	121	
		74		74			1		
.880	9.010 492		9.012 783		0.987 217	9.997 709		.120	
		74		74			1		
881	9.010 566	73	9.012 857	75	0.987 143	9.997 708	1	119	
882	9.010 639	74	9.012 932	74	0.987 068	9.997 707	0	118	
883	9.010 713	73	9.013 006	75	0.986 994	9.997 707	1	117	
		74		74			1		
884	9.010 786	74	9.013 081	74	0.986 919	9.997 706	1	116	
885	9.010 860	73	9.013 155	74	0.986 845	9.997 705	1	115	
886	9.010 933	74	9.013 229	74	0.986 771	9.997 704	0	114	
		73		75			1		
887	9.011 007	73	9.013 303	74	0.986 697	9.997 704	1	113	
888	9.011 080	73	9.013 378	75	0.986 622	9.997 703	1	112	
889	9.011 154	74	9.013 452	74	0.986 548	9.997 702	1	111	
		73		74			1		
.890	9.011 227		9.013 526		0.986 474	9.997 701		.110	
		74		75			1		
891	9.011 301	73	9.013 601	74	0.986 399	9.997 700	0	109	
892	9.011 374	74	9.013 675	74	0.986 325	9.997 700	1	108	
893	9.011 448	73	9.013 749	74	0.986 251	9.997 699	1	107	
		74		74			1		
894	9.011 521	74	9.013 823	74	0.986 177	9.997 698	1	106	
895	9.011 595	73	9.013 897	74	0.986 103	9.997 697	1	105	
896	9.011 668	73	9.013 972	75	0.986 028	9.997 696	1	104	
		73		74			0		
897	9.011 741	74	9.014 046	74	0.985 954	9.997 696	1	103	
898	9.011 815	74	9.014 120	74	0.985 880	9.997 695	1	102	
899	9.011 888	73	9.014 194	74	0.985 806	9.997 694	1	101	
		74		74			1		
.900	9.011 962		9.014 268		0.985 732	9.997 693		.100	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

$84^{\circ}.150 - 84^{\circ}.100$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.900 — 5°.950

5°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.011 962		9.014 268		0.985 732	9.997 693		.100	
901	9.012 035	73	9.014 342	74	0.985 658	9.997 693	0	099	
902	9.012 108	73	9.014 416	74	0.985 584	9.997 692	1	098	
903	9.012 182	74	9.014 491	75	0.985 509	9.997 691	1	097	
							1		75
904	9.012 255	73	9.014 565	74	0.985 435	9.997 690	1	096	
905	9.012 328	73	9.014 639	74	0.985 361	9.997 689	1	095	1 7.5
906	9.012 401	73	9.014 713	74	0.985 287	9.997 689	0	094	2 15.0
							1		3 22.5
907	9.012 475	74	9.014 787	74	0.985 213	9.997 688	1	093	4 30.0
908	9.012 548	73	9.014 861	74	0.985 139	9.997 687	1	092	5 37.5
909	9.012 621	73	9.014 935	74	0.985 065	9.997 686	1	091	6 45.0
							0		7 52.5
.910	9.012 694	73	9.015 009	74	0.984 991	9.997 686	1	.090	8 60.0
		74		74			1	089	9 67.5
911	9.012 768	73	9.015 083	74	0.984 917	9.997 685	1	088	
912	9.012 841	73	9.015 157	74	0.984 843	9.997 684	1	087	
913	9.012 914	73	9.015 231	74	0.984 769	9.997 683	1		74
							1	086	
914	9.012 987	73	9.015 305	74	0.984 695	9.997 682	0	085	
915	9.013 060	73	9.015 379	74	0.984 621	9.997 682	1	084	
916	9.013 134	74	9.015 453	74	0.984 547	9.997 681	1		74
							1	083	1 7.4
917	9.013 207	73	9.015 527	74	0.984 473	9.997 680	1	082	2 14.8
918	9.013 280	73	9.015 601	74	0.984 399	9.997 679	1	081	3 22.2
919	9.013 353	73	9.015 675	74	0.984 325	9.997 678	0		4 29.6
							0	.080	5 37.0
.920	9.013 426	73	9.015 748	73	0.984 252	9.997 678	1	079	6 44.4
		73		74			1	078	7 51.8
921	9.013 499	73	9.015 822	74	0.984 178	9.997 677	1	077	8 59.2
922	9.013 572	73	9.015 896	74	0.984 104	9.997 676	1		9 66.6
923	9.013 645	73	9.015 970	74	0.984 030	9.997 675	0	076	
							1	075	
924	9.013 718	73	9.016 044	74	0.983 956	9.997 675	1	074	
925	9.013 791	73	9.016 118	74	0.983 882	9.997 674	1		
926	9.013 864	73	9.016 191	73	0.983 809	9.997 673	1	073	
							1	072	73
927	9.013 937	73	9.016 265	74	0.983 735	9.997 672	0	071	
928	9.014 010	73	9.016 339	74	0.983 661	9.997 671	1		73
929	9.014 083	73	9.016 413	74	0.983 587	9.997 671	1		1 7.3
							1		2 14.6
.930	9.014 156	73	9.016 487	74	0.983 513	9.997 670	1	.070	3 21.9
		73		73			1	069	4 29.2
931	9.014 229	73	9.016 560	74	0.983 440	9.997 669	1	068	5 36.5
932	9.014 302	73	9.016 634	74	0.983 366	9.997 668	1	067	6 43.8
933	9.014 375	73	9.016 708	74	0.983 292	9.997 667	0		7 51.1
							1	066	8 58.4
934	9.014 448	73	9.016 782	73	0.983 218	9.997 667	1	065	9 65.7
935	9.014 521	73	9.016 855	74	0.983 145	9.997 666	1	064	
936	9.014 594	73	9.016 929	74	0.983 071	9.997 665	1		
							1	063	
937	9.014 667	73	9.017 003	73	0.982 997	9.997 664	1	062	
938	9.014 740	73	9.017 076	74	0.982 924	9.997 663	0	061	
939	9.014 813	73	9.017 150	74	0.982 850	9.997 663	1		72
							1	.060	
.940	9.014 886	72	9.017 224	73	0.982 776	9.997 662	1	059	1 7.2
		72		73			1	058	2 14.4
941	9.014 958	73	9.017 297	74	0.982 703	9.997 661	1	057	3 21.6
942	9.015 031	73	9.017 371	74	0.982 629	9.997 660	0		4 28.8
943	9.015 104	73	9.017 445	74	0.982 555	9.997 660	1	056	5 36.0
							1	055	6 43.2
944	9.015 177	73	9.017 518	73	0.982 482	9.997 659	1	054	7 50.4
945	9.015 250	73	9.017 592	74	0.982 408	9.997 658	1		8 57.6
946	9.015 322	72	9.017 665	73	0.982 335	9.997 657	1	053	9 64.8
							1	052	
947	9.015 395	73	9.017 739	74	0.982 261	9.997 656	0	051	
948	9.015 468	73	9.017 812	73	0.982 188	9.997 656	1		
949	9.015 541	73	9.017 886	74	0.982 114	9.997 655	1		
							1	.050	
.950	9.015 613	72	9.017 959	73	0.982 041	9.997 654		84°	P.P.
	cos	d	cotg	d	tang	sin	d		

84°.100 — 84°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

5°.950 — 6°.000

5°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.015 613		9.017 959		0.982 041	9.997 654		.050	
951	9.015 686	73	9.018 033	74	0.981 967	9.997 653	1	049	
952	9.015 759	73	9.018 106	73	0.981 894	9.997 652	1	048	
953	9.015 832	73	9.018 180	74	0.981 820	9.997 652	0	047	
		72		73			1		
954	9.015 904		9.018 253		0.981 747	9.997 651	1	046	
955	9.015 977	73	9.018 327	74	0.981 673	9.997 650	1	045	
956	9.016 050	73	9.018 400	73	0.981 600	9.997 649	1	044	
		72		74			1		
957	9.016 122		9.018 474		0.981 526	9.997 648	0	043	74
958	9.016 195	73	9.018 547	73	0.981 453	9.997 648	1	042	1 7.4
959	9.016 268	73	9.018 621	74	0.981 379	9.997 647	1	041	2 14.8
		72		73			1		3 22.2
.960	9.016 340		9.018 694		0.981 306	9.997 646	1	.040	4 29.6
		73		73			1		5 37.0
961	9.016 413		9.018 767		0.981 233	9.997 645	0	039	6 44.4
962	9.016 485	72	9.018 841	74	0.981 159	9.997 645	1	038	7 51.8
963	9.016 558	73	9.018 914	73	0.981 086	9.997 644	1	037	8 59.2
		72		74			1		9 66.6
964	9.016 630		9.018 988		0.981 012	9.997 643	1	036	
965	9.016 703	73	9.019 061	73	0.980 939	9.997 642	1	035	
966	9.016 776	73	9.019 134	73	0.980 866	9.997 641	1	034	
		72		74			0		
967	9.016 848		9.019 208		0.980 792	9.997 641	1	033	
968	9.016 921	73	9.019 281	73	0.980 719	9.997 640	1	032	
969	9.016 993	72	9.019 354	73	0.980 646	9.997 639	1	031	
		73		73			1		
.970	9.017 066		9.019 427		0.980 573	9.997 638	1	.030	
		72		74			1		73
971	9.017 138		9.019 501		0.980 499	9.997 637	0	029	
972	9.017 211	73	9.019 574	73	0.980 426	9.997 637	1	028	
973	9.017 283	72	9.019 647	73	0.980 353	9.997 636	1	027	1 7.3
		72		73			1		2 14.6
974	9.017 355		9.019 720		0.980 280	9.997 635	1	026	3 21.9
975	9.017 428	73	9.019 794	74	0.980 206	9.997 634	1	025	4 29.2
976	9.017 500	72	9.019 867	73	0.980 133	9.997 633	1	024	5 36.5
		73		73			0		6 43.8
977	9.017 573		9.019 940		0.980 060	9.997 633	1	023	7 51.1
978	9.017 645	72	9.020 013	73	0.979 987	9.997 632	1	022	8 58.4
979	9.017 717	72	9.020 086	73	0.979 914	9.997 631	1	021	9 65.7
		73		74			1		
.980	9.017 790		9.020 160		0.979 840	9.997 630	1	.020	
		72		73			1		
981	9.017 862		9.020 233		0.979 767	9.997 629	0	019	
982	9.017 934	72	9.020 306	73	0.979 694	9.997 629	1	018	
983	9.018 007	73	9.020 379	73	0.979 621	9.997 628	1	017	
		72		73			1		
984	9.018 079		9.020 452		0.979 548	9.997 627	1	016	
985	9.018 151	72	9.020 525	73	0.979 475	9.997 626	1	015	
986	9.018 224	73	9.020 598	73	0.979 402	9.997 625	1	014	
		72		73			0		72
987	9.018 296		9.020 671		0.979 329	9.997 625	1	013	1 7.2
988	9.018 368	72	9.020 744	73	0.979 256	9.997 624	1	012	2 14.4
989	9.018 441	73	9.020 817	73	0.979 183	9.997 623	1	011	3 21.6
		72		73			1		4 28.8
.990	9.018 513		9.020 890		0.979 110	9.997 622	0	.010	5 36.0
		72		74			0		6 43.2
991	9.018 585		9.020 964		0.979 036	9.997 622	1	009	7 50.4
992	9.018 657	72	9.021 037	73	0.978 963	9.997 621	1	008	8 57.6
993	9.018 729	72	9.021 110	73	0.978 890	9.997 620	1	007	9 64.8
		73		73			1		
994	9.018 802		9.021 183		0.978 817	9.997 619	1	006	
995	9.018 874	72	9.021 255	72	0.978 745	9.997 618	1	005	
996	9.018 946	72	9.021 328	73	0.978 672	9.997 618	0	004	
		72		73			1		
997	9.019 018		9.021 401		0.978 599	9.997 617	1	003	
998	9.019 090	72	9.021 474	73	0.978 526	9.997 616	1	002	
999	9.019 162	72	9.021 547	73	0.978 453	9.997 615	1	001	
		73		73			1		
*.000	9.019 235		9.021 620		0.978 380	9.997 614		.000	
	cos	d	cotg	d	tang	sin	d	84°	P.P.

84°.050 — 84°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.000 — 6°.050

6°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.019 235		9.021 620		0.978 380	9.997 614		*.000	
001	9.019 307	72	9.021 693	73	0.978 307	9.997 614	0	999	
002	9.019 379	72	9.021 766	73	0.978 234	9.997 613	1	998	
003	9.019 451	72	9.021 839	73	0.978 161	9.997 612	1	997	
004	9.019 523	72	9.021 912	73	0.978 088	9.997 611	1	996	
005	9.019 595	72	9.021 985	73	0.978 015	9.997 610	1	995	
006	9.019 667	72	9.022 057	72	0.977 943	9.997 610	0	994	
007	9.019 739	72	9.022 130	73	0.977 870	9.997 609	1	993	73
008	9.019 811	72	9.022 203	73	0.977 797	9.997 608	1	992	1 7.3
009	9.019 883	72	9.022 276	73	0.977 724	9.997 607	1	991	2 14.6
.010	9.019 955	72	9.022 349	73	0.977 651	9.997 606	1	.990	3 21.9
011	9.020 027	72	9.022 422	73	0.977 578	9.997 606	0	989	4 29.2
012	9.020 099	72	9.022 494	72	0.977 506	9.997 605	1	988	5 36.5
013	9.020 171	72	9.022 567	73	0.977 433	9.997 604	1	987	6 43.8
014	9.020 243	72	9.022 640	73	0.977 360	9.997 603	1	986	7 51.1
015	9.020 315	72	9.022 713	73	0.977 287	9.997 602	1	985	8 58.4
016	9.020 387	72	9.022 785	72	0.977 215	9.997 602	0	984	9 65.7
017	9.020 459	72	9.022 858	73	0.977 142	9.997 601	1	983	
018	9.020 531	72	9.022 931	73	0.977 069	9.997 600	1	982	
019	9.020 603	72	9.023 003	72	0.976 997	9.997 599	1	981	
.020	9.020 675	72	9.023 076	73	0.976 924	9.997 598	1	.980	
021	9.020 746	71	9.023 149	73	0.976 851	9.997 598	0	979	72
022	9.020 818	72	9.023 221	72	0.976 779	9.997 597	1	978	1 7.2
023	9.020 890	72	9.023 294	73	0.976 706	9.997 596	1	977	2 14.4
024	9.020 962	72	9.023 367	73	0.976 633	9.997 595	1	976	3 21.6
025	9.021 034	72	9.023 439	72	0.976 561	9.997 594	1	975	4 28.8
026	9.021 106	72	9.023 512	73	0.976 488	9.997 594	0	974	5 36.0
027	9.021 177	71	9.023 585	73	0.976 415	9.997 593	1	973	6 43.2
028	9.021 249	72	9.023 657	72	0.976 343	9.997 592	1	972	7 50.4
029	9.021 321	72	9.023 730	73	0.976 270	9.997 591	1	971	8 57.6
.030	9.021 393	72	9.023 802	72	0.976 198	9.997 590	1	.970	9 64.8
031	9.021 464	71	9.023 875	73	0.976 125	9.997 590	0	969	
032	9.021 536	72	9.023 947	72	0.976 053	9.997 589	1	968	
033	9.021 608	72	9.024 020	73	0.975 980	9.997 588	1	967	
034	9.021 680	72	9.024 092	72	0.975 908	9.997 587	1	966	
035	9.021 751	71	9.024 165	73	0.975 835	9.997 586	1	965	
036	9.021 823	72	9.024 237	72	0.975 763	9.997 586	0	964	71
037	9.021 895	72	9.024 310	73	0.975 690	9.997 585	1	963	1 7.1
038	9.021 966	71	9.024 382	72	0.975 618	9.997 584	1	962	2 14.2
039	9.022 038	72	9.024 455	73	0.975 545	9.997 583	1	961	3 21.3
.040	9.022 110	72	9.024 527	72	0.975 473	9.997 582	1	.960	4 28.4
041	9.022 181	71	9.024 600	73	0.975 400	9.997 582	0	959	5 35.5
042	9.022 253	72	9.024 672	72	0.975 328	9.997 581	1	958	6 42.6
043	9.022 324	71	9.024 745	73	0.975 255	9.997 580	1	957	7 49.7
044	9.022 396	72	9.024 817	72	0.975 183	9.997 579	1	956	8 56.8
045	9.022 468	72	9.024 889	72	0.975 111	9.997 578	1	955	9 63.9
046	9.022 539	71	9.024 962	73	0.975 038	9.997 578	0	954	
047	9.022 611	72	9.025 034	72	0.974 966	9.997 577	1	953	
048	9.022 682	71	9.025 106	72	0.974 894	9.997 576	1	952	
049	9.022 754	72	9.025 179	73	0.974 821	9.997 575	1	951	
.050	9.022 825	71	9.025 251	72	0.974 749	9.997 574	1	.950	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

84°.000 — 83°.950

6°.050 — 6°.100

6°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.022 825		9.025 251		0.974 749	9.997 574		.950	
051	9.022 897	72	9.025 323	72	0.974 677	9.997 574	0	949	
052	9.022 968	71	9.025 396	73	0.974 604	9.997 573	1	948	
053	9.023 040	72	9.025 468	72	0.974 532	9.997 572	1	947	
054	9.023 111	71	9.025 540	72	0.974 460	9.997 571	1	946	73
055	9.023 183	72	9.025 613	73	0.974 387	9.997 570	1	945	1 7.3
056	9.023 254	71	9.025 685	72	0.974 315	9.997 570	0	944	2 14.6
057	9.023 326	72	9.025 757	72	0.974 243	9.997 569	1	943	3 21.9
058	9.023 397	71	9.025 829	72	0.974 171	9.997 568	1	942	4 29.2
059	9.023 469	72	9.025 901	72	0.974 099	9.997 567	1	941	5 36.5
.060	9.023 540	71	9.025 974	73	0.974 026	9.997 566	1	.940	6 43.8
061	9.023 611	71	9.026 046	72	0.973 954	9.997 566	0	939	7 51.1
062	9.023 683	72	9.026 118	72	0.973 882	9.997 565	1	938	8 58.4
063	9.023 754	71	9.026 190	72	0.973 810	9.997 564	1	937	9 65.7
064	9.023 825	71	9.026 262	72	0.973 738	9.997 563	1	936	
065	9.023 897	72	9.026 335	73	0.973 665	9.997 562	1	935	72
066	9.023 968	71	9.026 407	72	0.973 593	9.997 561	1	934	
067	9.024 039	71	9.026 479	72	0.973 521	9.997 561	0	933	1 7.2
068	9.024 111	72	9.026 551	72	0.973 449	9.997 560	1	932	2 14.4
069	9.024 182	71	9.026 623	72	0.973 377	9.997 559	1	931	3 21.6
.070	9.024 253	71	9.026 695	72	0.973 305	9.997 558	1	.930	4 28.8
071	9.024 325	72	9.026 767	72	0.973 233	9.997 557	1	929	5 36.0
072	9.024 396	71	9.026 839	72	0.973 161	9.997 557	0	928	6 43.2
073	9.024 467	71	9.026 911	72	0.973 089	9.997 556	1	927	7 50.4
074	9.024 538	71	9.026 983	72	0.973 017	9.997 555	1	926	8 57.6
075	9.024 610	72	9.027 055	72	0.972 945	9.997 554	1	925	9 64.8
076	9.024 681	71	9.027 127	72	0.972 873	9.997 553	1	924	
077	9.024 752	71	9.027 199	72	0.972 801	9.997 553	0	923	71
078	9.024 823	71	9.027 271	72	0.972 729	9.997 552	1	922	
079	9.024 894	71	9.027 343	72	0.972 657	9.997 551	1	921	1 7.1
.080	9.024 966	72	9.027 415	72	0.972 585	9.997 550	1	.920	2 14.2
081	9.025 037	71	9.027 487	72	0.972 513	9.997 549	1	919	3 21.3
082	9.025 108	71	9.027 559	72	0.972 441	9.997 549	0	918	4 28.4
083	9.025 179	71	9.027 631	72	0.972 369	9.997 548	1	917	5 35.5
084	9.025 250	71	9.027 703	72	0.972 297	9.997 547	1	916	6 42.6
085	9.025 321	71	9.027 775	72	0.972 225	9.997 546	1	915	7 49.7
086	9.025 392	71	9.027 847	72	0.972 153	9.997 545	1	914	8 56.8
087	9.025 463	71	9.027 919	72	0.972 081	9.997 545	0	913	9 63.9
088	9.025 534	72	9.027 991	72	0.972 009	9.997 544	1	912	
089	9.025 606	71	9.028 063	72	0.971 937	9.997 543	1	911	70
.090	9.025 677	71	9.028 134	71	0.971 866	9.997 542	1	.910	1 7.0
091	9.025 748	71	9.028 206	72	0.971 794	9.997 541	1	909	2 14.0
092	9.025 819	71	9.028 278	72	0.971 722	9.997 540	1	908	3 21.0
093	9.025 890	71	9.028 350	72	0.971 650	9.997 540	0	907	4 28.0
094	9.025 961	71	9.028 422	72	0.971 578	9.997 539	1	906	5 35.0
095	9.026 032	71	9.028 494	72	0.971 506	9.997 538	1	905	6 42.0
096	9.026 103	71	9.028 565	71	0.971 435	9.997 537	1	904	7 49.0
097	9.026 174	71	9.028 637	72	0.971 363	9.997 536	1	903	8 56.0
098	9.026 245	71	9.028 709	72	0.971 291	9.997 536	0	902	9 63.0
099	9.026 316	71	9.028 781	72	0.971 219	9.997 535	1	901	
.100	9.026 386	70	9.028 852	71	0.971 148	9.997 534	1	.900	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.100 — 6°.150

6°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.026 386		9.028 852		0.971 148	9.997 534		.900	
101	9.026 457	7 ¹	9.028 924	7 ²	0.971 076	9.997 533	1	899	
102	9.026 528	7 ¹	9.028 996	7 ²	0.971 004	9.997 532	1	898	
103	9.026 599	7 ¹	9.029 068	7 ²	0.970 932	9.997 532	0	897	
104	9.026 670	7 ¹	9.029 139	7 ¹	0.970 861	9.997 531	1	896	
105	9.026 741	7 ¹	9.029 211	7 ²	0.970 789	9.997 530	1	895	
106	9.026 812	7 ¹	9.029 283	7 ²	0.970 717	9.997 529	1	894	
107	9.026 883	7 ¹	9.029 354	7 ¹	0.970 646	9.997 528	1	893	7 ²
108	9.026 953	7 ⁰	9.029 426	7 ²	0.970 574	9.997 528	0	892	1 7.2
109	9.027 024	7 ¹	9.029 498	7 ²	0.970 502	9.997 527	1	891	2 14.4
.110	9.027 095	7 ¹	9.029 569	7 ¹	0.970 431	9.997 526	1	.890	3 21.6
111	9.027 166	7 ¹	9.029 641	7 ²	0.970 359	9.997 525	1	889	4 28.8
112	9.027 237	7 ¹	9.029 712	7 ¹	0.970 288	9.997 524	1	888	5 36.0
113	9.027 308	7 ¹	9.029 784	7 ²	0.970 216	9.997 523	1	887	6 43.2
114	9.027 378	7 ⁰	9.029 856	7 ²	0.970 144	9.997 523	0	886	7 50.4
115	9.027 449	7 ¹	9.029 927	7 ¹	0.970 073	9.997 522	1	885	8 57.6
116	9.027 520	7 ¹	9.029 999	7 ²	0.970 001	9.997 521	1	884	9 64.8
117	9.027 591	7 ¹	9.030 070	7 ¹	0.969 930	9.997 520	1	883	
118	9.027 661	7 ⁰	9.030 142	7 ²	0.969 858	9.997 519	1	882	
119	9.027 732	7 ¹	9.030 213	7 ¹	0.969 787	9.997 519	0	881	
.120	9.027 803	7 ¹	9.030 285	7 ²	0.969 715	9.997 518	1	.880	
121	9.027 873	7 ⁰	9.030 356	7 ¹	0.969 644	9.997 517	1	879	7 ¹
122	9.027 944	7 ¹	9.030 428	7 ²	0.969 572	9.997 516	1	878	
123	9.028 015	7 ¹	9.030 499	7 ¹	0.969 501	9.997 515	1	877	1 7.1
124	9.028 085	7 ⁰	9.030 571	7 ²	0.969 429	9.997 515	0	876	2 14.2
125	9.028 156	7 ¹	9.030 642	7 ¹	0.969 358	9.997 514	1	875	3 21.3
126	9.028 227	7 ¹	9.030 714	7 ²	0.969 286	9.997 513	1	874	4 28.4
127	9.028 297	7 ⁰	9.030 785	7 ¹	0.969 215	9.997 512	1	873	5 35.5
128	9.028 368	7 ¹	9.030 857	7 ²	0.969 143	9.997 511	1	872	6 42.6
129	9.028 438	7 ⁰	9.030 928	7 ¹	0.969 072	9.997 510	1	871	7 49.7
.130	9.028 509	7 ¹	9.030 999	7 ¹	0.969 001	9.997 510	0	.870	8 56.8
131	9.028 580	7 ¹	9.031 071	7 ²	0.968 929	9.997 509	1	869	9 63.9
132	9.028 650	7 ⁰	9.031 142	7 ¹	0.968 858	9.997 508	1	868	
133	9.028 721	7 ¹	9.031 213	7 ¹	0.968 787	9.997 507	1	867	
134	9.028 791	7 ⁰	9.031 285	7 ²	0.968 715	9.997 506	1	866	
135	9.028 862	7 ¹	9.031 356	7 ¹	0.968 644	9.997 506	0	865	
136	9.028 932	7 ⁰	9.031 427	7 ¹	0.968 573	9.997 505	1	864	7 ⁰
137	9.029 003	7 ¹	9.031 499	7 ²	0.968 501	9.997 504	1	863	1 7.0
138	9.029 073	7 ⁰	9.031 570	7 ¹	0.968 430	9.997 503	1	862	2 14.0
139	9.029 144	7 ¹	9.031 641	7 ¹	0.968 359	9.997 502	1	861	3 21.0
.140	9.029 214	7 ⁰	9.031 713	7 ²	0.968 287	9.997 502	0	.860	4 28.0
141	9.029 285	7 ¹	9.031 784	7 ¹	0.968 216	9.997 501	1	859	5 35.0
142	9.029 355	7 ⁰	9.031 855	7 ¹	0.968 145	9.997 500	1	858	6 42.0
143	9.029 426	7 ¹	9.031 926	7 ¹	0.968 074	9.997 499	1	857	7 49.0
144	9.029 496	7 ⁰	9.031 998	7 ²	0.968 002	9.997 498	1	856	8 56.0
145	9.029 566	7 ⁰	9.032 069	7 ¹	0.967 931	9.997 497	1	855	9 63.0
146	9.029 637	7 ¹	9.032 140	7 ¹	0.967 860	9.997 497	0	854	
147	9.029 707	7 ⁰	9.032 211	7 ¹	0.967 789	9.997 496	1	853	
148	9.029 778	7 ¹	9.032 283	7 ²	0.967 717	9.997 495	1	852	
149	9.029 848	7 ⁰	9.032 354	7 ¹	0.967 646	9.997 494	1	851	
.150	9.029 918	7 ⁰	9.032 425	7 ¹	0.967 575	9.997 493	1	.850	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.150 — 6°.200

6°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.029 918		9.032 425		0.967 575	9.997 493		.850	
151	9.029 989	71	9.032 496	71	0.967 504	9.997 493	0	849	
152	9.030 059	70	9.032 567	71	0.967 433	9.997 492	1	848	
153	9.030 129	70	9.032 638	71	0.967 362	9.997 491	1	847	
		71		71			1		72
154	9.030 200	71	9.032 709	71	0.967 291	9.997 490	1	846	
155	9.030 270	70	9.032 781	72	0.967 219	9.997 489	1	845	1 7.2
156	9.030 340	70	9.032 852	71	0.967 148	9.997 488	1	844	2 14.4
		70		71			0		3 21.6
157	9.030 410	71	9.032 923	71	0.967 077	9.997 488	1	843	4 28.8
158	9.030 481	71	9.032 994	71	0.967 006	9.997 487	1	842	5 36.0
159	9.030 551	70	9.033 065	71	0.966 935	9.997 486	1	841	6 43.2
.160	9.030 621	70	9.033 136	71	0.966 864	9.997 485	1	.840	7 50.4
		70		71			1		8 57.6
161	9.030 691	71	9.033 207	71	0.966 793	9.997 484	1	839	9 64.8
162	9.030 762	71	9.033 278	71	0.966 722	9.997 484	0	838	
163	9.030 832	70	9.033 349	71	0.966 651	9.997 483	1	837	
		70		71			1		
164	9.030 902	70	9.033 420	71	0.966 580	9.997 482	1	836	
165	9.030 972	70	9.033 491	71	0.966 509	9.997 481	1	835	
166	9.031 042	70	9.033 562	71	0.966 438	9.997 480	1	834	71
		70		71			1		
167	9.031 112	71	9.033 633	71	0.966 367	9.997 479	0	833	1 7.1
168	9.031 183	71	9.033 704	71	0.966 296	9.997 479	1	832	2 14.2
169	9.031 253	70	9.033 775	71	0.966 225	9.997 478	1	831	3 21.3
		70		71			1		4 28.4
.170	9.031 323	70	9.033 846	71	0.966 154	9.997 477	1	.830	5 35.5
		70		71			1		6 42.6
171	9.031 393	70	9.033 917	71	0.966 083	9.997 476	1	829	7 49.7
172	9.031 463	70	9.033 988	71	0.966 012	9.997 475	1	828	8 56.8
173	9.031 533	70	9.034 059	71	0.965 941	9.997 475	0	827	9 63.9
		70		70			1		
174	9.031 603	70	9.034 129	71	0.965 871	9.997 474	1	826	
175	9.031 673	70	9.034 200	71	0.965 800	9.997 473	1	825	
176	9.031 743	70	9.034 271	71	0.965 729	9.997 472	1	824	
		70		71			1		
177	9.031 813	70	9.034 342	71	0.965 658	9.997 471	1	823	70
178	9.031 883	70	9.034 413	71	0.965 587	9.997 470	1	822	
179	9.031 953	70	9.034 484	71	0.965 516	9.997 470	0	821	1 7.0
		70		71			1		2 14.0
.180	9.032 023	70	9.034 555	70	0.965 445	9.997 469	1	.820	3 21.0
		70		71			1		4 28.0
181	9.032 093	70	9.034 625	71	0.965 375	9.997 468	1	819	5 35.0
182	9.032 163	70	9.034 696	71	0.965 304	9.997 467	1	818	6 42.0
183	9.032 233	70	9.034 767	71	0.965 233	9.997 466	1	817	7 49.0
		70		71			1		8 56.0
184	9.032 303	70	9.034 838	71	0.965 162	9.997 465	0	816	9 63.0
185	9.032 373	70	9.034 909	71	0.965 091	9.997 465	1	815	
186	9.032 443	70	9.034 979	70	0.965 021	9.997 464	1	814	
		70		71			1		
187	9.032 513	70	9.035 050	71	0.964 950	9.997 463	1	813	
188	9.032 583	70	9.035 121	71	0.964 879	9.997 462	1	812	
189	9.032 653	70	9.035 192	71	0.964 808	9.997 461	1	811	
		70		70			0		69
.190	9.032 723	70	9.035 262	71	0.964 738	9.997 461	1	.810	1 6.9
		70		71			1		2 13.8
191	9.032 793	70	9.035 333	71	0.964 667	9.997 460	1	809	3 20.7
192	9.032 863	69	9.035 404	70	0.964 596	9.997 459	1	808	4 27.6
193	9.032 932	70	9.035 474	71	0.964 526	9.997 458	1	807	5 34.5
		70		71			1		6 41.4
194	9.033 002	70	9.035 545	71	0.964 455	9.997 457	1	806	7 48.3
195	9.033 072	70	9.035 616	71	0.964 384	9.997 456	1	805	8 55.2
196	9.033 142	70	9.035 686	70	0.964 314	9.997 456	0	804	9 62.1
		70		71			1		
197	9.033 212	70	9.035 757	71	0.964 243	9.997 455	1	803	
198	9.033 282	69	9.035 828	71	0.964 172	9.997 454	1	802	
199	9.033 351	70	9.035 898	70	0.964 102	9.997 453	1	801	
		70		71			1		
.200	9.033 421	70	9.035 969	71	0.964 031	9.997 452	1	.800	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.200 — 6°.250

6°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.033 421		9.035 969		0.964 031	9.997 452		.800	
201	9.033 491	70	9.036 039	70	0.963 961	9.997 452	0	799	
202	9.033 561	70	9.036 110	71	0.963 890	9.997 451	1	798	
203	9.033 630	69	9.036 181	71	0.963 819	9.997 450	1	797	
204	9.033 700	70	9.036 251	70	0.963 749	9.997 449	1	796	
205	9.033 770	70	9.036 322	71	0.963 678	9.997 448	1	795	
206	9.033 840	70	9.036 392	70	0.963 608	9.997 447	1	794	
207	9.033 909	69	9.036 463	71	0.963 537	9.997 447	0	793	71
208	9.033 979	70	9.036 533	70	0.963 467	9.997 446	1	792	1 7.1
209	9.034 049	70	9.036 604	71	0.963 396	9.997 445	1	791	2 14.2
.210	9.034 118	69	9.036 674	70	0.963 326	9.997 444	1	.790	3 21.3
211	9.034 188	70	9.036 745	71	0.963 255	9.997 443	1	789	4 28.4
212	9.034 258	70	9.036 815	70	0.963 185	9.997 442	1	788	5 35.5
213	9.034 327	69	9.036 886	71	0.963 114	9.997 442	0	787	6 42.6
214	9.034 397	70	9.036 956	70	0.963 044	9.997 441	1	786	7 49.7
215	9.034 466	69	9.037 027	71	0.962 973	9.997 440	1	785	8 56.8
216	9.034 536	70	9.037 097	70	0.962 903	9.997 439	1	784	9 63.9
217	9.034 606	70	9.037 167	70	0.962 833	9.997 438	1	783	
218	9.034 675	69	9.037 238	71	0.962 762	9.997 437	1	782	
219	9.034 745	70	9.037 308	70	0.962 692	9.997 437	0	781	
.220	9.034 814	69	9.037 379	71	0.962 621	9.997 436	1	.780	
221	9.034 884	70	9.037 449	70	0.962 551	9.997 435	1	779	70
222	9.034 953	69	9.037 519	70	0.962 481	9.997 434	1	778	
223	9.035 023	70	9.037 590	71	0.962 410	9.997 433	1	777	1 7.0
224	9.035 092	69	9.037 660	70	0.962 340	9.997 433	0	776	2 14.0
225	9.035 162	70	9.037 730	70	0.962 270	9.997 432	1	775	3 21.0
226	9.035 231	69	9.037 801	71	0.962 199	9.997 431	1	774	4 28.0
227	9.035 301	70	9.037 871	70	0.962 129	9.997 430	1	773	5 35.0
228	9.035 370	69	9.037 941	70	0.962 059	9.997 429	1	772	6 42.0
229	9.035 440	70	9.038 011	70	0.961 989	9.997 428	1	771	7 49.0
.230	9.035 509	69	9.038 082	71	0.961 918	9.997 428	0	.770	8 56.0
231	9.035 579	70	9.038 152	70	0.961 848	9.997 427	1	769	9 63.0
232	9.035 648	69	9.038 222	70	0.961 778	9.997 426	1	768	
233	9.035 718	70	9.038 292	70	0.961 708	9.997 425	1	767	
234	9.035 787	69	9.038 363	71	0.961 637	9.997 424	1	766	
235	9.035 856	69	9.038 433	70	0.961 567	9.997 423	1	765	
236	9.035 926	70	9.038 503	70	0.961 497	9.997 423	0	764	69
237	9.035 995	69	9.038 573	70	0.961 427	9.997 422	1	763	1 6.9
238	9.036 064	69	9.038 643	70	0.961 357	9.997 421	1	762	2 13.8
239	9.036 134	70	9.038 714	71	0.961 286	9.997 420	1	761	3 20.7
.240	9.036 203	69	9.038 784	70	0.961 216	9.997 419	1	.760	4 27.6
241	9.036 272	69	9.038 854	70	0.961 146	9.997 418	1	759	5 34.5
242	9.036 342	70	9.038 924	70	0.961 076	9.997 418	0	758	6 41.4
243	9.036 411	69	9.038 994	70	0.961 006	9.997 417	1	757	7 48.3
244	9.036 480	69	9.039 064	70	0.960 936	9.997 416	1	756	8 55.2
245	9.036 550	70	9.039 134	70	0.960 866	9.997 415	1	755	9 62.1
246	9.036 619	69	9.039 205	71	0.960 795	9.997 414	1	754	
247	9.036 688	69	9.039 275	70	0.960 725	9.997 413	1	753	
248	9.036 757	69	9.039 345	70	0.960 655	9.997 413	0	752	
249	9.036 827	70	9.039 415	70	0.960 585	9.997 412	1	751	
.250	9.036 896	69	9.039 485	70	0.960 515	9.997 411	1	.750	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.800 — 83°.750

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.250 — 6°.300

6°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.036 896		9.039 485		0.960 515	9.997 411		.750	
251	9.036 965	69	9.039 555	70	0.960 445	9.997 410	1	749	
252	9.037 034	69	9.039 625	70	0.960 375	9.997 409	1	748	
253	9.037 103	69	9.039 695	70	0.960 305	9.997 409	0	747	
254	9.037 173	70	9.039 765	70	0.960 235	9.997 408	1	746	
255	9.037 242	69	9.039 835	70	0.960 165	9.997 407	1	745	
256	9.037 311	69	9.039 905	70	0.960 095	9.997 406	1	744	
257	9.037 380	69	9.039 975	70	0.960 025	9.997 405	1	743	
258	9.037 449	69	9.040 045	70	0.959 955	9.997 404	0	742	
259	9.037 518	69	9.040 115	70	0.959 885	9.997 404	1	741	
.260	9.037 587	69	9.040 185	70	0.959 815	9.997 403	1	.740	
261	9.037 656	69	9.040 255	70	0.959 745	9.997 402	1	739	
262	9.037 725	69	9.040 324	69	0.959 676	9.997 401	1	738	
263	9.037 795	70	9.040 394	70	0.959 606	9.997 400	1	737	
264	9.037 864	69	9.040 464	70	0.959 536	9.997 399	1	736	
265	9.037 933	69	9.040 534	70	0.959 466	9.997 399	0	735	
266	9.038 002	69	9.040 604	70	0.959 396	9.997 398	1	734	
267	9.038 071	69	9.040 674	70	0.959 326	9.997 397	1	733	
268	9.038 140	69	9.040 744	70	0.959 256	9.997 396	1	732	
269	9.038 209	69	9.040 814	70	0.959 186	9.997 395	1	731	
.270	9.038 278	69	9.040 883	69	0.959 117	9.997 394	1	.730	
271	9.038 347	69	9.040 953	70	0.959 047	9.997 394	0	729	
272	9.038 416	69	9.041 023	70	0.958 977	9.997 393	1	728	
273	9.038 485	69	9.041 093	70	0.958 907	9.997 392	1	727	
274	9.038 554	69	9.041 163	70	0.958 837	9.997 391	1	726	
275	9.038 623	69	9.041 232	69	0.958 768	9.997 390	1	725	
276	9.038 691	68	9.041 302	70	0.958 698	9.997 389	1	724	
277	9.038 760	69	9.041 372	70	0.958 628	9.997 389	0	723	
278	9.038 829	69	9.041 442	70	0.958 558	9.997 388	1	722	
279	9.038 898	69	9.041 511	69	0.958 489	9.997 387	1	721	
.280	9.038 967	69	9.041 581	70	0.958 419	9.997 386	1	.720	
281	9.039 036	69	9.041 651	70	0.958 349	9.997 385	1	719	
282	9.039 105	69	9.041 720	69	0.958 280	9.997 384	1	718	
283	9.039 174	69	9.041 790	70	0.958 210	9.997 384	0	717	
284	9.039 243	69	9.041 860	70	0.958 140	9.997 383	1	716	
285	9.039 311	68	9.041 929	69	0.958 071	9.997 382	1	715	
286	9.039 380	69	9.041 999	70	0.958 001	9.997 381	1	714	
287	9.039 449	69	9.042 069	70	0.957 931	9.997 380	1	713	
288	9.039 518	69	9.042 138	69	0.957 862	9.997 379	1	712	
289	9.039 587	69	9.042 208	70	0.957 792	9.997 379	0	711	
.290	9.039 655	68	9.042 278	70	0.957 722	9.997 378	1	.710	
291	9.039 724	69	9.042 347	69	0.957 653	9.997 377	1	709	
292	9.039 793	69	9.042 417	70	0.957 583	9.997 376	1	708	
293	9.039 862	69	9.042 486	69	0.957 514	9.997 375	1	707	
294	9.039 930	68	9.042 556	70	0.957 444	9.997 374	1	706	
295	9.039 999	69	9.042 626	70	0.957 374	9.997 374	0	705	
296	9.040 068	69	9.042 695	69	0.957 305	9.997 373	1	704	
297	9.040 136	68	9.042 765	70	0.957 235	9.997 372	1	703	
298	9.040 205	69	9.042 834	69	0.957 166	9.997 371	1	702	
299	9.040 274	69	9.042 904	70	0.957 096	9.997 370	1	701	
.300	9.040 342	68	9.042 973	69	0.957 027	9.997 369	1	.700	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.750 — 83°.700

6°.300 — 6°.350

6°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.040 342		9.042 973		0.957 027	9.997 369		.700	
301	9.040 411	69	9.043 043	70	0.956 957	9.997 368	1	699	
302	9.040 480	69	9.043 112	69	0.956 888	9.997 368	0	698	
303	9.040 548	68	9.043 182	70	0.956 818	9.997 367	1	697	
		69		69			1		
304	9.040 617	69	9.043 251	69	0.956 749	9.997 366	1	696	
305	9.040 686	68	9.043 320	70	0.956 680	9.997 365	1	695	
306	9.040 754	69	9.043 390	69	0.956 610	9.997 364	1	694	
		69		69			1		
307	9.040 823	68	9.043 459	70	0.956 541	9.997 363	0	693	70
308	9.040 891	69	9.043 529	69	0.956 471	9.997 363	1	692	1 7.0
309	9.040 960	68	9.043 598	70	0.956 402	9.997 362	1	691	2 14.0
		69		69			1		3 21.0
.310	9.041 028	69	9.043 668	69	0.956 332	9.997 361	1	.690	4 28.0
		69		69			1		5 35.0
311	9.041 097	69	9.043 737	69	0.956 263	9.997 360	1	689	6 42.0
312	9.041 166	68	9.043 806	70	0.956 194	9.997 359	1	688	7 49.0
313	9.041 234	69	9.043 876	69	0.956 124	9.997 358	1	687	8 56.0
		69		69			0		9 63.0
314	9.041 303	68	9.043 945	69	0.956 055	9.997 358	1	686	
315	9.041 371	69	9.044 014	70	0.955 986	9.997 357	1	685	
316	9.041 440	68	9.044 084	69	0.955 916	9.997 356	1	684	
		68		69			1		
317	9.041 508	69	9.044 153	69	0.955 847	9.997 355	1	683	
318	9.041 577	68	9.044 222	70	0.955 778	9.997 354	1	682	
319	9.041 645	68	9.044 292	69	0.955 708	9.997 353	1	681	
		69		69			0		
.320	9.041 713	69	9.044 361	69	0.955 639	9.997 353	1	.680	
		69		69			1		69
321	9.041 782	68	9.044 430	69	0.955 570	9.997 352	1	679	
322	9.041 850	69	9.044 499	70	0.955 501	9.997 351	1	678	
323	9.041 919	68	9.044 569	69	0.955 431	9.997 350	1	677	1 6.9
		68		69			1		2 13.8
324	9.041 987	68	9.044 638	69	0.955 362	9.997 349	1	676	3 20.7
325	9.042 055	69	9.044 707	69	0.955 293	9.997 348	1	675	4 27.6
326	9.042 124	68	9.044 776	70	0.955 224	9.997 348	0	674	5 34.5
		68		69			1		6 41.4
327	9.042 192	69	9.044 846	69	0.955 154	9.997 347	1	673	7 48.3
328	9.042 261	68	9.044 915	69	0.955 085	9.997 346	1	672	8 55.2
329	9.042 329	68	9.044 984	69	0.955 016	9.997 345	1	671	9 62.1
		69		69			1		
.330	9.042 397	69	9.045 053	69	0.954 947	9.997 344	1	.670	
		69		69			1		
331	9.042 466	68	9.045 122	69	0.954 878	9.997 343	1	669	
332	9.042 534	68	9.045 191	70	0.954 809	9.997 342	0	668	
333	9.042 602	68	9.045 261	69	0.954 739	9.997 342	1	667	
		68		69			1		
334	9.042 670	69	9.045 330	69	0.954 670	9.997 341	1	666	
335	9.042 739	68	9.045 399	69	0.954 601	9.997 340	1	665	
336	9.042 807	68	9.045 468	69	0.954 532	9.997 339	1	664	68
		68		69			1		
337	9.042 875	69	9.045 537	69	0.954 463	9.997 338	1	663	1 6.8
338	9.042 944	68	9.045 606	69	0.954 394	9.997 337	0	662	2 13.6
339	9.043 012	68	9.045 675	69	0.954 325	9.997 337	1	661	3 20.4
		69		69			1		4 27.2
.340	9.043 080	68	9.045 744	69	0.954 256	9.997 336	1	.660	5 34.0
		68		69			1		6 40.8
341	9.043 148	68	9.045 813	69	0.954 187	9.997 335	1	659	7 47.6
342	9.043 216	69	9.045 882	69	0.954 118	9.997 334	1	658	8 54.4
343	9.043 285	68	9.045 951	69	0.954 049	9.997 333	1	657	9 61.2
		68		69			1		
344	9.043 353	68	9.046 020	69	0.953 980	9.997 332	0	656	
345	9.043 421	68	9.046 089	69	0.953 911	9.997 332	1	655	
346	9.043 489	68	9.046 158	69	0.953 842	9.997 331	1	654	
		68		69			1		
347	9.043 557	68	9.046 227	69	0.953 773	9.997 330	1	653	
348	9.043 625	69	9.046 296	69	0.953 704	9.997 329	1	652	
349	9.043 694	69	9.046 365	69	0.953 635	9.997 328	1	651	
		68		69			1		
.350	9.043 762	68	9.046 434	69	0.953 566	9.997 327	1	.650	
		69		69			1		
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.350 — 6°.400

6°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.043 762	68	9.046 434	69	0.953 566	9.997 327	1	.650	
351	9.043 830	68	9.046 503	69	0.953 497	9.997 326	0	649	
352	9.043 898	68	9.046 572	69	0.953 428	9.997 326	1	648	
353	9.043 966	68	9.046 641	69	0.953 359	9.997 325	1	647	
354	9.044 034	68	9.046 710	69	0.953 290	9.997 324	1	646	
355	9.044 102	68	9.046 779	69	0.953 221	9.997 323	1	645	
356	9.044 170	68	9.046 848	69	0.953 152	9.997 322	1	644	
357	9.044 238	68	9.046 917	69	0.953 083	9.997 321	0	643	69
358	9.044 306	68	9.046 986	69	0.953 014	9.997 321	1	642	1 6.9
359	9.044 374	68	9.047 055	68	0.952 945	9.997 320	1	641	2 13.8
.360	9.044 442	68	9.047 123	69	0.952 877	9.997 319	1	.640	3 20.7
361	9.044 510	68	9.047 192	69	0.952 808	9.997 318	1	639	4 27.6
362	9.044 578	68	9.047 261	69	0.952 739	9.997 317	1	638	5 34.5
363	9.044 646	68	9.047 330	69	0.952 670	9.997 316	1	637	6 41.4
364	9.044 714	68	9.047 399	68	0.952 601	9.997 315	1	636	7 48.3
365	9.044 782	68	9.047 467	68	0.952 533	9.997 315	0	635	8 55.2
366	9.044 850	68	9.047 536	69	0.952 464	9.997 314	1	634	9 62.1
367	9.044 918	68	9.047 605	69	0.952 395	9.997 313	1	633	
368	9.044 986	68	9.047 674	69	0.952 326	9.997 312	1	632	
369	9.045 054	68	9.047 743	69	0.952 257	9.997 311	1	631	
.370	9.045 122	68	9.047 811	68	0.952 189	9.997 310	1	.630	
371	9.045 190	68	9.047 880	69	0.952 120	9.997 310	0	629	68
372	9.045 258	68	9.047 949	69	0.952 051	9.997 309	1	628	1 6.8
373	9.045 325	67	9.048 018	69	0.951 982	9.997 308	1	627	2 13.6
374	9.045 393	68	9.048 086	68	0.951 914	9.997 307	1	626	3 20.4
375	9.045 461	68	9.048 155	69	0.951 845	9.997 306	1	625	4 27.2
376	9.045 529	68	9.048 224	69	0.951 776	9.997 305	1	624	5 34.0
377	9.045 597	68	9.048 292	68	0.951 708	9.997 304	1	623	6 40.8
378	9.045 665	68	9.048 361	69	0.951 639	9.997 304	0	622	7 47.6
379	9.045 732	67	9.048 430	69	0.951 570	9.997 303	1	621	8 54.4
.380	9.045 800	68	9.048 498	68	0.951 502	9.997 302	1	.620	9 61.2
381	9.045 868	68	9.048 567	69	0.951 433	9.997 301	1	619	
382	9.045 936	68	9.048 635	68	0.951 365	9.997 300	1	618	
383	9.046 004	67	9.048 704	69	0.951 296	9.997 299	1	617	
384	9.046 071	68	9.048 773	68	0.951 227	9.997 299	0	616	
385	9.046 139	68	9.048 841	69	0.951 159	9.997 298	1	615	
386	9.046 207	67	9.048 910	68	0.951 090	9.997 297	1	614	67
387	9.046 274	68	9.048 978	69	0.951 022	9.997 296	1	613	1 6.7
388	9.046 342	68	9.049 047	69	0.950 953	9.997 295	1	612	2 13.4
389	9.046 410	68	9.049 116	68	0.950 884	9.997 294	1	611	3 20.1
.390	9.046 478	67	9.049 184	69	0.950 816	9.997 293	1	.610	4 26.8
391	9.046 545	68	9.049 253	68	0.950 747	9.997 293	0	609	5 33.5
392	9.046 613	68	9.049 321	68	0.950 679	9.997 292	1	608	6 40.2
393	9.046 681	68	9.049 390	69	0.950 610	9.997 291	1	607	7 46.9
394	9.046 748	67	9.049 458	68	0.950 542	9.997 290	1	606	8 53.6
395	9.046 816	68	9.049 527	69	0.950 473	9.997 289	1	605	9 60.3
396	9.046 883	67	9.049 595	68	0.950 405	9.997 288	1	604	
397	9.046 951	68	9.049 664	69	0.950 336	9.997 288	0	603	
398	9.047 019	68	9.049 732	68	0.950 268	9.997 287	1	602	
399	9.047 086	67	9.049 800	68	0.950 200	9.997 286	1	601	
.400	9.047 154	68	9.049 869	69	0.950 131	9.997 285	1	.600	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.400 — 6°.450

6°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.047 154		9.049 869		0.950 131	9.997 285		.600	
401	9.047 221	67	9.049 937	68	0.950 063	9.997 284	1	599	
402	9.047 289	68	9.050 006	69	0.949 994	9.997 283	1	598	
403	9.047 357	68	9.050 074	68	0.949 926	9.997 282	1	597	
404	9.047 424	67	9.050 142	68	0.949 858	9.997 282	0	596	
405	9.047 492	68	9.050 211	69	0.949 789	9.997 281	1	595	
406	9.047 559	67	9.050 279	68	0.949 721	9.997 280	1	594	
407	9.047 627	68	9.050 348	69	0.949 652	9.997 279	1	593	
408	9.047 694	67	9.050 416	68	0.949 584	9.997 278	1	592	
409	9.047 762	68	9.050 484	69	0.949 516	9.997 277	1	591	
.410	9.047 829	67	9.050 553	68	0.949 447	9.997 276	0	.590	
411	9.047 897	68	9.050 621	68	0.949 379	9.997 276	1	589	
412	9.047 964	67	9.050 689	68	0.949 311	9.997 275	1	588	
413	9.048 031	67	9.050 758	69	0.949 242	9.997 274	1	587	
414	9.048 099	68	9.050 826	68	0.949 174	9.997 273	1	586	
415	9.048 166	67	9.050 894	68	0.949 106	9.997 272	1	585	
416	9.048 234	68	9.050 962	68	0.949 038	9.997 271	1	584	
417	9.048 301	67	9.051 031	69	0.948 969	9.997 270	1	583	
418	9.048 368	67	9.051 099	68	0.948 901	9.997 270	0	582	
419	9.048 436	68	9.051 167	68	0.948 833	9.997 269	1	581	
.420	9.048 503	67	9.051 235	68	0.948 765	9.997 268	1	.580	
421	9.048 571	68	9.051 304	69	0.948 696	9.997 267	1	579	
422	9.048 638	67	9.051 372	68	0.948 628	9.997 266	1	578	
423	9.048 705	67	9.051 440	68	0.948 560	9.997 265	1	577	
424	9.048 773	68	9.051 508	68	0.948 492	9.997 265	0	576	
425	9.048 840	67	9.051 576	68	0.948 424	9.997 264	1	575	
426	9.048 907	67	9.051 644	68	0.948 356	9.997 263	1	574	
427	9.048 975	68	9.051 713	69	0.948 287	9.997 262	1	573	
428	9.049 042	67	9.051 781	68	0.948 219	9.997 261	1	572	
429	9.049 109	67	9.051 849	68	0.948 151	9.997 260	1	571	
.430	9.049 176	67	9.051 917	68	0.948 083	9.997 259	1	.570	
431	9.049 244	68	9.051 985	68	0.948 015	9.997 259	0	569	
432	9.049 311	67	9.052 053	68	0.947 947	9.997 258	1	568	
433	9.049 378	67	9.052 121	68	0.947 879	9.997 257	1	567	
434	9.049 445	67	9.052 189	68	0.947 811	9.997 256	1	566	
435	9.049 513	68	9.052 257	68	0.947 743	9.997 255	1	565	
436	9.049 580	67	9.052 325	68	0.947 675	9.997 254	1	564	
437	9.049 647	67	9.052 393	68	0.947 607	9.997 253	1	563	
438	9.049 714	67	9.052 462	69	0.947 538	9.997 253	0	562	
439	9.049 781	67	9.052 530	68	0.947 470	9.997 252	1	561	
.440	9.049 848	67	9.052 598	68	0.947 402	9.997 251	1	.560	
441	9.049 916	68	9.052 666	68	0.947 334	9.997 250	1	559	
442	9.049 983	67	9.052 734	68	0.947 266	9.997 249	1	558	
443	9.050 050	67	9.052 802	68	0.947 198	9.997 248	1	557	
444	9.050 117	67	9.052 869	67	0.947 131	9.997 247	1	556	
445	9.050 184	67	9.052 937	68	0.947 063	9.997 247	0	555	
446	9.050 251	67	9.053 005	68	0.946 995	9.997 246	1	554	
447	9.050 318	67	9.053 073	68	0.946 927	9.997 245	1	553	
448	9.050 385	67	9.053 141	68	0.946 859	9.997 244	1	552	
449	9.050 452	67	9.053 209	68	0.946 791	9.997 243	1	551	
.450	9.050 519	67	9.053 277	68	0.946 723	9.997 242	1	.550	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.450 — 6°.500

6°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.050 519		9.053 277		0.946 723	9.997 242		.550	
451	9.050 586	67	9.053 345	68	0.946 655	9.997 241	1	549	
452	9.050 653	67	9.053 413	68	0.946 587	9.997 241	0	548	
453	9.050 720	67	9.053 481	68	0.946 519	9.997 240	1	547	
		68		68			1		
454	9.050 788	67	9.053 549	68	0.946 451	9.997 239	1	546	
455	9.050 855	67	9.053 617	67	0.946 383	9.997 238	1	545	
456	9.050 922	66	9.053 684	68	0.946 316	9.997 237	1	544	
		67		68			1		68
457	9.050 988	67	9.053 752	68	0.946 248	9.997 236	1	543	
458	9.051 055	67	9.053 820	68	0.946 180	9.997 235	0	542	1 6.8
459	9.051 122	67	9.053 888	68	0.946 112	9.997 235	1	541	2 13.6
		67		68			1		3 20.4
.460	9.051 189	67	9.053 956	67	0.946 044	9.997 234	1	.540	4 27.2
		67		68			1		5 34.0
461	9.051 256	67	9.054 023	68	0.945 977	9.997 233	1	539	6 40.8
462	9.051 323	67	9.054 091	68	0.945 909	9.997 232	1	538	7 47.6
463	9.051 390	67	9.054 159	68	0.945 841	9.997 231	1	537	8 54.4
		67		68			1		9 61.2
464	9.051 457	67	9.054 227	68	0.945 773	9.997 230	1	536	
465	9.051 524	67	9.054 295	68	0.945 705	9.997 229	1	535	
466	9.051 591	67	9.054 362	67	0.945 638	9.997 229	0	534	
		67		68			1		
467	9.051 658	67	9.054 430	68	0.945 570	9.997 228	1	533	
468	9.051 725	67	9.054 498	68	0.945 502	9.997 227	1	532	
469	9.051 791	66	9.054 565	67	0.945 435	9.997 226	1	531	
		67		68			1		
.470	9.051 858	67	9.054 633	68	0.945 367	9.997 225	1	.530	
		67		68			1		67
471	9.051 925	67	9.054 701	68	0.945 299	9.997 224	1	529	
472	9.051 992	67	9.054 769	67	0.945 231	9.997 223	0	528	1 6.7
473	9.052 059	67	9.054 836	68	0.945 164	9.997 223	1	527	2 13.4
		67		68			1		3 20.1
474	9.052 126	66	9.054 904	68	0.945 096	9.997 222	1	526	4 26.8
475	9.052 192	67	9.054 972	67	0.945 028	9.997 221	1	525	5 33.5
476	9.052 259	67	9.055 039	68	0.944 961	9.997 220	1	524	6 40.2
		67		68			1		7 46.9
477	9.052 326	67	9.055 107	67	0.944 893	9.997 219	1	523	8 53.6
478	9.052 393	66	9.055 174	68	0.944 826	9.997 218	1	522	9 60.3
479	9.052 459	66	9.055 242	68	0.944 758	9.997 217	0	521	
		67		68			1		
.480	9.052 526	67	9.055 310	67	0.944 690	9.997 217	1	.520	
		67		68			1		
481	9.052 593	67	9.055 377	68	0.944 623	9.997 216	1	519	
482	9.052 660	66	9.055 445	67	0.944 555	9.997 215	1	518	
483	9.052 726	67	9.055 512	68	0.944 488	9.997 214	1	517	
		67		68			1		
484	9.052 793	67	9.055 580	67	0.944 420	9.997 213	1	516	
485	9.052 860	66	9.055 647	68	0.944 353	9.997 212	1	515	
486	9.052 926	67	9.055 715	68	0.944 285	9.997 211	1	514	66
		67		68			1		
487	9.052 993	67	9.055 783	67	0.944 217	9.997 210	0	513	1 6.6
488	9.053 060	66	9.055 850	68	0.944 150	9.997 210	1	512	2 13.2
489	9.053 126	66	9.055 918	68	0.944 082	9.997 209	1	511	3 19.8
		67		67			1		4 26.4
.490	9.053 193	67	9.055 985	68	0.944 015	9.997 208	1	.510	5 33.0
		67		68			1		6 39.6
491	9.053 260	66	9.056 053	67	0.943 947	9.997 207	1	509	7 46.2
492	9.053 326	67	9.056 120	67	0.943 880	9.997 206	1	508	8 52.8
493	9.053 393	66	9.056 187	68	0.943 813	9.997 205	1	507	9 59.4
		66		68			1		
494	9.053 459	67	9.056 255	67	0.943 745	9.997 204	0	506	
495	9.053 526	67	9.056 322	68	0.943 678	9.997 204	1	505	
496	9.053 593	66	9.056 390	67	0.943 610	9.997 203	1	504	
		66		67			1		
497	9.053 659	67	9.056 457	68	0.943 543	9.997 202	1	503	
498	9.053 726	66	9.056 525	67	0.943 475	9.997 201	1	502	
499	9.053 792	66	9.056 592	67	0.943 408	9.997 200	1	501	
		67		67			1		
.500	9.053 859		9.056 659		0.943 341	9.997 199		.500	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.500 — 6°.550

6°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.053 859	66	9.056 659	68	0.943 341	9.997 199	1	.500	
501	9.053 925	67	9.056 727	67	0.943 273	9.997 198	0	499	
502	9.053 992	66	9.056 794	68	0.943 206	9.997 198	1	498	
503	9.054 058	67	9.056 862	67	0.943 138	9.997 197	1	497	
504	9.054 125	66	9.056 929	67	0.943 071	9.997 196	1	496	
505	9.054 191	67	9.056 996	68	0.943 004	9.997 195	1	495	
506	9.054 258	66	9.057 064	67	0.942 936	9.997 194	1	494	
507	9.054 324	67	9.057 131	67	0.942 869	9.997 193	1	493	68
508	9.054 391	66	9.057 198	68	0.942 802	9.997 192	0	492	1 6.8
509	9.054 457	67	9.057 266	67	0.942 734	9.997 192	1	491	2 13.6
.510	9.054 524	66	9.057 333	67	0.942 667	9.997 191	1	.490	3 20.4
511	9.054 590	66	9.057 400	67	0.942 600	9.997 190	1	489	4 27.2
512	9.054 656	67	9.057 467	68	0.942 533	9.997 189	1	488	5 34.0
513	9.054 723	66	9.057 535	67	0.942 465	9.997 188	1	487	6 40.8
514	9.054 789	67	9.057 602	67	0.942 398	9.997 187	1	486	7 47.6
515	9.054 856	66	9.057 669	67	0.942 331	9.997 186	1	485	8 54.4
516	9.054 922	66	9.057 736	68	0.942 264	9.997 185	0	484	9 61.2
517	9.054 988	67	9.057 804	67	0.942 196	9.997 185	1	483	
518	9.055 055	66	9.057 871	67	0.942 129	9.997 184	1	482	
519	9.055 121	66	9.057 938	67	0.942 062	9.997 183	1	481	
.520	9.055 187	67	9.058 005	67	0.941 995	9.997 182	1	.480	
521	9.055 254	66	9.058 072	68	0.941 928	9.997 181	1	479	67
522	9.055 320	66	9.058 140	67	0.941 860	9.997 180	1	478	1 6.7
523	9.055 386	66	9.058 207	67	0.941 793	9.997 179	1	477	2 13.4
524	9.055 452	67	9.058 274	67	0.941 726	9.997 179	0	476	3 20.1
525	9.055 519	66	9.058 341	67	0.941 659	9.997 178	1	475	4 26.8
526	9.055 585	66	9.058 408	67	0.941 592	9.997 177	1	474	5 33.5
527	9.055 651	66	9.058 475	67	0.941 525	9.997 176	1	473	6 40.2
528	9.055 717	66	9.058 542	67	0.941 458	9.997 175	1	472	7 46.9
529	9.055 784	67	9.058 610	68	0.941 390	9.997 174	1	471	8 53.6
.530	9.055 850	66	9.058 677	67	0.941 323	9.997 173	1	.470	9 60.3
531	9.055 916	66	9.058 744	67	0.941 256	9.997 172	1	469	
532	9.055 982	66	9.058 811	67	0.941 189	9.997 172	0	468	
533	9.056 049	67	9.058 878	67	0.941 122	9.997 171	1	467	
534	9.056 115	66	9.058 945	67	0.941 055	9.997 170	1	466	
535	9.056 181	66	9.059 012	67	0.940 988	9.997 169	1	465	
536	9.056 247	66	9.059 079	67	0.940 921	9.997 168	1	464	66
537	9.056 313	66	9.059 146	67	0.940 854	9.997 167	1	463	1 6.6
538	9.056 379	67	9.059 213	67	0.940 787	9.997 166	1	462	2 13.2
539	9.056 446	66	9.059 280	67	0.940 720	9.997 165	1	461	3 19.8
.540	9.056 512	66	9.059 347	67	0.940 653	9.997 165	0	.460	4 26.4
541	9.056 578	66	9.059 414	67	0.940 586	9.997 164	1	459	5 33.0
542	9.056 644	66	9.059 481	67	0.940 519	9.997 163	1	458	6 39.6
543	9.056 710	66	9.059 548	67	0.940 452	9.997 162	1	457	7 46.2
544	9.056 776	66	9.059 615	67	0.940 385	9.997 161	1	456	8 52.8
545	9.056 842	66	9.059 682	67	0.940 318	9.997 160	1	455	9 59.4
546	9.056 908	66	9.059 749	67	0.940 251	9.997 159	1	454	
547	9.056 974	66	9.059 816	67	0.940 184	9.997 159	0	453	
548	9.057 040	66	9.059 883	67	0.940 117	9.997 158	1	452	
549	9.057 106	66	9.059 949	66	0.940 051	9.997 157	1	451	
.550	9.057 172	66	9.060 016	67	0.939 984	9.997 156	1	.450	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.500 — 83°.450

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.550 — 6°.600

6°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.057 172	66	9.060 016	67	0.939 984	9.997 156	1	.450	
551	9.057 238	66	9.060 083	67	0.939 917	9.997 155	1	449	
552	9.057 304	66	9.060 150	67	0.939 850	9.997 154	1	448	
553	9.057 370	66	9.060 217	67	0.939 783	9.997 153	1	447	
554	9.057 436	66	9.060 284	67	0.939 716	9.997 152	1	446	
555	9.057 502	66	9.060 351	67	0.939 649	9.997 152	0	445	
556	9.057 568	66	9.060 418	66	0.939 582	9.997 151	1	444	
557	9.057 634	66	9.060 484	67	0.939 516	9.997 150	1	443	67
558	9.057 700	66	9.060 551	67	0.939 449	9.997 149	1	442	1 6.7
559	9.057 766	66	9.060 618	67	0.939 382	9.997 148	1	441	2 13.4
.560	9.057 832	66	9.060 685	67	0.939 315	9.997 147	1	.440	3 20.1
561	9.057 898	66	9.060 752	66	0.939 248	9.997 146	1	439	4 26.8
562	9.057 964	66	9.060 818	67	0.939 182	9.997 145	0	438	5 33.5
563	9.058 030	66	9.060 885	67	0.939 115	9.997 145	1	437	6 40.2
564	9.058 096	65	9.060 952	67	0.939 048	9.997 144	1	436	7 46.9
565	9.058 161	66	9.061 019	66	0.938 981	9.997 143	1	435	8 53.6
566	9.058 227	66	9.061 085	67	0.938 915	9.997 142	1	434	9 60.3
567	9.058 293	66	9.061 152	67	0.938 848	9.997 141	1	433	
568	9.058 359	66	9.061 219	66	0.938 781	9.997 140	1	432	
569	9.058 425	66	9.061 285	67	0.938 715	9.997 139	1	431	
.570	9.058 491	65	9.061 352	67	0.938 648	9.997 138	0	.430	
571	9.058 556	66	9.061 419	66	0.938 581	9.997 138	1	429	66
572	9.058 622	66	9.061 485	67	0.938 515	9.997 137	1	428	1 6.6
573	9.058 688	66	9.061 552	67	0.938 448	9.997 136	1	427	2 13.2
574	9.058 754	66	9.061 619	66	0.938 381	9.997 135	1	426	3 19.8
575	9.058 820	65	9.061 685	67	0.938 315	9.997 134	1	425	4 26.4
576	9.058 885	66	9.061 752	67	0.938 248	9.997 133	1	424	5 33.0
577	9.058 951	66	9.061 819	66	0.938 181	9.997 132	1	423	6 39.6
578	9.059 017	65	9.061 885	67	0.938 115	9.997 132	0	422	7 46.2
579	9.059 082	66	9.061 952	66	0.938 048	9.997 131	1	421	8 52.8
.580	9.059 148	66	9.062 018	67	0.937 982	9.997 130	1	.420	9 59.4
581	9.059 214	66	9.062 085	67	0.937 915	9.997 129	1	419	
582	9.059 280	65	9.062 152	66	0.937 848	9.997 128	1	418	
583	9.059 345	66	9.062 218	67	0.937 782	9.997 127	1	417	
584	9.059 411	66	9.062 285	66	0.937 715	9.997 126	1	416	
585	9.059 477	65	9.062 351	67	0.937 649	9.997 125	0	415	
586	9.059 542	66	9.062 418	66	0.937 582	9.997 125	1	414	65
587	9.059 608	66	9.062 484	67	0.937 516	9.997 124	1	413	1 6.5
588	9.059 674	65	9.062 551	66	0.937 449	9.997 123	1	412	2 13.0
589	9.059 739	66	9.062 617	67	0.937 383	9.997 122	1	411	3 19.5
.590	9.059 805	65	9.062 684	66	0.937 316	9.997 121	1	.410	4 26.0
591	9.059 870	66	9.062 750	67	0.937 250	9.997 120	1	409	5 32.5
592	9.059 936	66	9.062 817	66	0.937 183	9.997 119	1	408	6 39.0
593	9.060 002	65	9.062 883	67	0.937 117	9.997 118	1	407	7 45.5
594	9.060 067	66	9.062 950	66	0.937 050	9.997 118	0	406	8 52.0
595	9.060 133	65	9.063 016	67	0.936 984	9.997 117	1	405	9 58.5
596	9.060 198	66	9.063 083	66	0.936 917	9.997 116	1	404	
597	9.060 264	65	9.063 149	66	0.936 851	9.997 115	1	403	
598	9.060 329	66	9.063 215	67	0.936 785	9.997 114	1	402	
599	9.060 395	65	9.063 282	66	0.936 718	9.997 113	1	401	
.600	9.060 460	66	9.063 348	67	0.936 652	9.997 112	1	.400	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.450 — 83°.400

6°.600 — 6°.650

6°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.060 460		9.063 348		0.936 652	9.997 112		.400	
601	9.060 526	66	9.063 415	67	0.936 585	9.997 111	1	399	
602	9.060 591	65	9.063 481	66	0.936 519	9.997 110	1	398	
603	9.060 657	66	9.063 547	66	0.936 453	9.997 110	0	397	
604	9.060 722	65	9.063 614	67	0.936 386	9.997 109	1	396	
605	9.060 788	66	9.063 680	66	0.936 320	9.997 108	1	395	
606	9.060 853	65	9.063 746	66	0.936 254	9.997 107	1	394	
607	9.060 919	66	9.063 813	67	0.936 187	9.997 106	1	393	
608	9.060 984	65	9.063 879	66	0.936 121	9.997 105	1	392	
609	9.061 050	66	9.063 945	66	0.936 055	9.997 104	1	391	
.610	9.061 115	65	9.064 012	67	0.935 988	9.997 103	1	.390	
611	9.061 180	65	9.064 078	66	0.935 922	9.997 103	0	389	
612	9.061 246	66	9.064 144	66	0.935 856	9.997 102	1	388	
613	9.061 311	65	9.064 210	66	0.935 790	9.997 101	1	387	
614	9.061 377	66	9.064 277	67	0.935 723	9.997 100	1	386	
615	9.061 442	65	9.064 343	66	0.935 657	9.997 099	1	385	
616	9.061 507	65	9.064 409	66	0.935 591	9.997 098	1	384	
617	9.061 573	66	9.064 475	66	0.935 525	9.997 097	1	383	
618	9.061 638	65	9.064 542	67	0.935 458	9.997 096	1	382	
619	9.061 703	65	9.064 608	66	0.935 392	9.997 096	0	381	
.620	9.061 769	66	9.064 674	66	0.935 326	9.997 095	1	.380	
621	9.061 834	65	9.064 740	66	0.935 260	9.997 094	1	379	
622	9.061 899	65	9.064 806	66	0.935 194	9.997 093	1	378	
623	9.061 965	66	9.064 872	66	0.935 128	9.997 092	1	377	
624	9.062 030	65	9.064 939	67	0.935 061	9.997 091	1	376	
625	9.062 095	65	9.065 005	66	0.934 995	9.997 090	1	375	
626	9.062 160	65	9.065 071	66	0.934 929	9.997 089	1	374	
627	9.062 226	66	9.065 137	66	0.934 863	9.997 089	0	373	
628	9.062 291	65	9.065 203	66	0.934 797	9.997 088	1	372	
629	9.062 356	65	9.065 269	66	0.934 731	9.997 087	1	371	
.630	9.062 421	65	9.065 335	66	0.934 665	9.997 086	1	.370	
631	9.062 486	65	9.065 401	66	0.934 599	9.997 085	1	369	
632	9.062 552	66	9.065 468	67	0.934 532	9.997 084	1	368	
633	9.062 617	65	9.065 534	66	0.934 466	9.997 083	1	367	
634	9.062 682	65	9.065 600	66	0.934 400	9.997 082	1	366	
635	9.062 747	65	9.065 666	66	0.934 334	9.997 081	0	365	
636	9.062 812	65	9.065 732	66	0.934 268	9.997 081	1	364	
637	9.062 877	66	9.065 798	66	0.934 202	9.997 080	1	363	
638	9.062 943	65	9.065 864	66	0.934 136	9.997 079	1	362	
639	9.063 008	65	9.065 930	66	0.934 070	9.997 078	1	361	
.640	9.063 073	65	9.065 996	66	0.934 004	9.997 077	1	.360	
641	9.063 138	65	9.066 062	66	0.933 938	9.997 076	1	359	
642	9.063 203	65	9.066 128	66	0.933 872	9.997 075	1	358	
643	9.063 268	65	9.066 194	66	0.933 806	9.997 074	1	357	
644	9.063 333	65	9.066 260	66	0.933 740	9.997 074	0	356	
645	9.063 398	65	9.066 326	66	0.933 674	9.997 073	1	355	
646	9.063 463	65	9.066 392	66	0.933 608	9.997 072	1	354	
647	9.063 528	65	9.066 458	66	0.933 542	9.997 071	1	353	
648	9.063 593	65	9.066 523	65	0.933 477	9.997 070	1	352	
649	9.063 658	65	9.066 589	66	0.933 411	9.997 069	1	351	
.650	9.063 724	66	9.066 655	66	0.933 345	9.997 068	1	.350	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.650 — 6°.700

6°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.063 724		9.066 655		0.933 345	9.997 068		.350	
651	9.063 789	65	9.066 721	66	0.933 279	9.997 067	1	349	
652	9.063 854	65	9.066 787	66	0.933 213	9.997 066	1	348	
653	9.063 919	65	9.066 853	66	0.933 147	9.997 066	0	347	
654	9.063 983	64	9.066 919	66	0.933 081	9.997 065	1	346	
655	9.064 048	65	9.066 985	66	0.933 015	9.997 064	1	345	
656	9.064 113	65	9.067 050	66	0.932 950	9.997 063	1	344	
657	9.064 178	65	9.067 116	66	0.932 884	9.997 062	1	343	66
658	9.064 243	65	9.067 182	66	0.932 818	9.997 061	1	342	1 6.6
659	9.064 308	65	9.067 248	66	0.932 752	9.997 060	1	341	2 13.2
.660	9.064 373	65	9.067 314	66	0.932 686	9.997 059	1	.340	3 19.8
661	9.064 438	65	9.067 380	66	0.932 620	9.997 059	0	339	4 26.4
662	9.064 503	65	9.067 445	65	0.932 555	9.997 058	1	338	5 33.0
663	9.064 568	65	9.067 511	66	0.932 489	9.997 057	1	337	6 39.6
664	9.064 633	65	9.067 577	66	0.932 423	9.997 056	1	336	7 46.2
665	9.064 698	65	9.067 643	66	0.932 357	9.997 055	1	335	8 52.8
666	9.064 762	64	9.067 708	65	0.932 292	9.997 054	1	334	9 59.4
667	9.064 827	65	9.067 774	66	0.932 226	9.997 053	1	333	
668	9.064 892	65	9.067 840	66	0.932 160	9.997 052	1	332	
669	9.064 957	65	9.067 906	66	0.932 094	9.997 051	1	331	
.670	9.065 022	65	9.067 971	65	0.932 029	9.997 051	0	.330	
671	9.065 087	65	9.068 037	66	0.931 963	9.997 050	1	329	65
672	9.065 151	64	9.068 103	66	0.931 897	9.997 049	1	328	1 6.5
673	9.065 216	65	9.068 168	65	0.931 832	9.997 048	1	327	2 13.0
674	9.065 281	65	9.068 234	66	0.931 766	9.997 047	1	326	3 19.5
675	9.065 346	65	9.068 300	66	0.931 700	9.997 046	1	325	4 26.0
676	9.065 411	65	9.068 365	65	0.931 635	9.997 045	1	324	5 32.5
677	9.065 475	64	9.068 431	66	0.931 569	9.997 044	1	323	6 39.0
678	9.065 540	65	9.068 497	66	0.931 503	9.997 043	1	322	7 45.5
679	9.065 605	65	9.068 562	65	0.931 438	9.997 043	0	321	8 52.0
.680	9.065 670	65	9.068 628	66	0.931 372	9.997 042	1	.320	9 58.5
681	9.065 734	64	9.068 693	65	0.931 307	9.997 041	1	319	
682	9.065 799	65	9.068 759	66	0.931 241	9.997 040	1	318	
683	9.065 864	65	9.068 825	66	0.931 175	9.997 039	1	317	
684	9.065 928	64	9.068 890	65	0.931 110	9.997 038	1	316	
685	9.065 993	65	9.068 956	66	0.931 044	9.997 037	1	315	
686	9.066 058	65	9.069 021	65	0.930 979	9.997 036	1	314	64
687	9.066 122	64	9.069 087	66	0.930 913	9.997 035	1	313	1 6.4
688	9.066 187	65	9.069 152	65	0.930 848	9.997 035	0	312	2 12.8
689	9.066 252	65	9.069 218	66	0.930 782	9.997 034	1	311	3 19.2
.690	9.066 316	64	9.069 283	65	0.930 717	9.997 033	1	.310	4 25.6
691	9.066 381	65	9.069 349	66	0.930 651	9.997 032	1	309	5 32.0
692	9.066 445	64	9.069 414	65	0.930 586	9.997 031	1	308	6 38.4
693	9.066 510	65	9.069 480	66	0.930 520	9.997 030	1	307	7 44.8
694	9.066 575	65	9.069 545	65	0.930 455	9.997 029	1	306	8 51.2
695	9.066 639	64	9.069 611	66	0.930 389	9.997 028	1	305	9 57.6
696	9.066 704	65	9.069 676	65	0.930 324	9.997 027	1	304	
697	9.066 768	64	9.069 742	66	0.930 258	9.997 027	0	303	
698	9.066 833	65	9.069 807	65	0.930 193	9.997 026	1	302	
699	9.066 897	64	9.069 873	66	0.930 127	9.997 025	1	301	
.700	9.066 962	65	9.069 938	65	0.930 062	9.997 024	1	.300	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

6°.700 — 6°.750

6°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.066 962		9.069 938		0.930 062	9.997 024		.300	
701	9.067 026	64	9.070 003	65	0.929 997	9.997 023	1	299	
702	9.067 091	65	9.070 069	66	0.929 931	9.997 022	1	298	
703	9.067 155	64	9.070 134	65	0.929 866	9.997 021	1	297	
704	9.067 220	65	9.070 200	66	0.929 800	9.997 020	1	296	
705	9.067 284	64	9.070 265	65	0.929 735	9.997 019	1	295	
706	9.067 349	65	9.070 330	65	0.929 670	9.997 019	0	294	
707	9.067 413	64	9.070 396	66	0.929 604	9.997 018	1	293	66
708	9.067 478	65	9.070 461	65	0.929 539	9.997 017	1	292	1 6.6
709	9.067 542	64	9.070 526	65	0.929 474	9.997 016	1	291	2 13.2
.710	9.067 607	65	9.070 592	66	0.929 408	9.997 015	1	.290	3 19.8
711	9.067 671	64	9.070 657	65	0.929 343	9.997 014	1	289	4 26.4
712	9.067 736	65	9.070 722	65	0.929 278	9.997 013	1	288	5 33.0
713	9.067 800	64	9.070 788	66	0.929 212	9.997 012	1	287	6 39.6
714	9.067 864	64	9.070 853	65	0.929 147	9.997 011	1	286	7 46.2
715	9.067 929	65	9.070 918	65	0.929 082	9.997 011	0	285	8 52.8
716	9.067 993	64	9.070 983	65	0.929 017	9.997 010	1	284	9 59.4
717	9.068 057	64	9.071 049	66	0.928 951	9.997 009	1	283	
718	9.068 122	65	9.071 114	65	0.928 886	9.997 008	1	282	
719	9.068 186	64	9.071 179	65	0.928 821	9.997 007	1	281	
.720	9.068 250	64	9.071 244	65	0.928 756	9.997 006	1	.280	
721	9.068 315	65	9.071 310	66	0.928 690	9.997 005	1	279	65
722	9.068 379	64	9.071 375	65	0.928 625	9.997 004	1	278	1 6.5
723	9.068 443	64	9.071 440	65	0.928 560	9.997 003	1	277	2 13.0
724	9.068 508	65	9.071 505	65	0.928 495	9.997 002	1	276	3 19.5
725	9.068 572	64	9.071 570	65	0.928 430	9.997 002	0	275	4 26.0
726	9.068 636	64	9.071 636	66	0.928 364	9.997 001	1	274	5 32.5
727	9.068 701	65	9.071 701	65	0.928 299	9.997 000	1	273	6 39.0
728	9.068 765	64	9.071 766	65	0.928 234	9.996 999	1	272	7 45.5
729	9.068 829	64	9.071 831	65	0.928 169	9.996 998	1	271	8 52.0
.730	9.068 893	64	9.071 896	65	0.928 104	9.996 997	1	.270	9 58.5
731	9.068 958	65	9.071 961	65	0.928 039	9.996 996	1	269	
732	9.069 022	64	9.072 026	65	0.927 974	9.996 995	1	268	
733	9.069 086	64	9.072 092	66	0.927 908	9.996 994	1	267	
734	9.069 150	64	9.072 157	65	0.927 843	9.996 994	0	266	
735	9.069 214	64	9.072 222	65	0.927 778	9.996 993	1	265	
736	9.069 279	65	9.072 287	65	0.927 713	9.996 992	1	264	64
737	9.069 343	64	9.072 352	65	0.927 648	9.996 991	1	263	1 6.4
738	9.069 407	64	9.072 417	65	0.927 583	9.996 990	1	262	2 12.8
739	9.069 471	64	9.072 482	65	0.927 518	9.996 989	1	261	3 19.2
.740	9.069 535	64	9.072 547	65	0.927 453	9.996 988	1	.260	4 25.6
741	9.069 599	64	9.072 612	65	0.927 388	9.996 987	1	259	5 32.0
742	9.069 663	64	9.072 677	65	0.927 323	9.996 986	1	258	6 38.4
743	9.069 728	65	9.072 742	65	0.927 258	9.996 985	1	257	7 44.8
744	9.069 792	64	9.072 807	65	0.927 193	9.996 985	0	256	8 51.2
745	9.069 856	64	9.072 872	65	0.927 128	9.996 984	1	255	9 57.6
746	9.069 920	64	9.072 937	65	0.927 063	9.996 983	1	254	
747	9.069 984	64	9.073 002	65	0.926 998	9.996 982	1	253	
748	9.070 048	64	9.073 067	65	0.926 933	9.996 981	1	252	
749	9.070 112	64	9.073 132	65	0.926 868	9.996 980	1	251	
.750	9.070 176	64	9.073 197	65	0.926 803	9.996 979	1	.250	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.750 — 6°.800

6°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.070 176		9.073 197		0.926 803	9.996 979		.250	
751	9.070 240	64	9.073 262	65	0.926 738	9.996 978	1	249	
752	9.070 304	64	9.073 327	65	0.926 673	9.996 977	1	248	
753	9.070 368	64	9.073 392	65	0.926 608	9.996 976	1	247	
		64		65			0		
754	9.070 432	64	9.073 457	64	0.926 543	9.996 976	1	246	
755	9.070 496	64	9.073 521	65	0.926 479	9.996 975	1	245	
756	9.070 560	64	9.073 586	65	0.926 414	9.996 974	1	244	
		64		65			1		65
757	9.070 624	64	9.073 651	65	0.926 349	9.996 973	1	243	
758	9.070 688	64	9.073 716	65	0.926 284	9.996 972	1	242	1 6.5
759	9.070 752	64	9.073 781	65	0.926 219	9.996 971	1	241	2 13.0
		64		65			1		3 19.5
.760	9.070 816	64	9.073 846	65	0.926 154	9.996 970	1	.240	4 26.0
		64		65			1		5 32.5
761	9.070 880	64	9.073 911	64	0.926 089	9.996 969	1	239	6 39.0
762	9.070 944	64	9.073 975	65	0.926 025	9.996 968	0	238	7 45.5
763	9.071 008	64	9.074 040	65	0.925 960	9.996 968	1	237	8 52.0
		64		65			1		9 58.5
764	9.071 072	64	9.074 105	65	0.925 895	9.996 967	1	236	
765	9.071 136	64	9.074 170	65	0.925 830	9.996 966	1	235	
766	9.071 200	64	9.074 235	65	0.925 765	9.996 965	1	234	
		63		64			1		
767	9.071 263	64	9.074 299	65	0.925 701	9.996 964	1	233	
768	9.071 327	64	9.074 364	65	0.925 636	9.996 963	1	232	
769	9.071 391	64	9.074 429	65	0.925 571	9.996 962	1	231	
		64		65			1		
.770	9.071 455	64	9.074 494	65	0.925 506	9.996 961	1	.230	
		64		65			1		64
771	9.071 519	64	9.074 559	64	0.925 441	9.996 960	1	229	
772	9.071 583	64	9.074 623	65	0.925 377	9.996 959	0	228	1 6.4
773	9.071 647	63	9.074 688	65	0.925 312	9.996 959	1	227	2 12.8
		64		65			1		3 19.2
774	9.071 710	64	9.074 753	64	0.925 247	9.996 958	1	226	4 25.6
775	9.071 774	64	9.074 817	65	0.925 183	9.996 957	1	225	5 32.0
776	9.071 838	64	9.074 882	65	0.925 118	9.996 956	1	224	6 38.4
		64		65			1		7 44.8
777	9.071 902	64	9.074 947	64	0.925 053	9.996 955	1	223	8 51.2
778	9.071 966	63	9.075 011	65	0.924 989	9.996 954	1	222	9 57.6
779	9.072 029	64	9.075 076	65	0.924 924	9.996 953	1	221	
		64		65			1		
.780	9.072 093	64	9.075 141	64	0.924 859	9.996 952	1	.220	
		64		65			1		
781	9.072 157	64	9.075 205	65	0.924 795	9.996 951	1	219	
782	9.072 221	63	9.075 270	65	0.924 730	9.996 950	0	218	
783	9.072 284	64	9.075 335	64	0.924 665	9.996 950	1	217	
		64		65			1		
784	9.072 348	64	9.075 399	65	0.924 601	9.996 949	1	216	
785	9.072 412	63	9.075 464	65	0.924 536	9.996 948	1	215	
786	9.072 475	64	9.075 529	64	0.924 471	9.996 947	1	214	63
		64		65			1		1 6.3
787	9.072 539	64	9.075 593	65	0.924 407	9.996 946	1	213	2 12.6
788	9.072 603	63	9.075 658	64	0.924 342	9.996 945	1	212	3 18.9
789	9.072 666	64	9.075 722	65	0.924 278	9.996 944	1	211	4 25.2
		64		65			1		5 31.5
.790	9.072 730	64	9.075 787	64	0.924 213	9.996 943	1	.210	6 37.8
		64		65			1		7 44.1
791	9.072 794	63	9.075 851	65	0.924 149	9.996 942	1	209	8 50.4
792	9.072 857	64	9.075 916	65	0.924 084	9.996 941	1	208	9 56.7
793	9.072 921	64	9.075 981	64	0.924 019	9.996 940	0	207	
		64		65			1		
794	9.072 985	63	9.076 045	65	0.923 955	9.996 940	1	206	
795	9.073 048	64	9.076 110	64	0.923 890	9.996 939	1	205	
796	9.073 112	64	9.076 174	65	0.923 826	9.996 938	1	204	
		64		65			1		
797	9.073 176	63	9.076 239	64	0.923 761	9.996 937	1	203	
798	9.073 239	64	9.076 303	65	0.923 697	9.996 936	1	202	
799	9.073 303	63	9.076 368	64	0.923 632	9.996 935	1	201	
		64		64			1		
.800	9.073 366	63	9.076 432		0.923 568	9.996 934		.200	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.250 — 83°.200

6°.800 — 6°.850

6°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.073 366		9.076 432		0.923 568	9.996 934		.200	
801	9.073 430	64	9.076 497	65	0.923 503	9.996 933	1	199	
802	9.073 493	63	9.076 561	64	0.923 439	9.996 932	1	198	
803	9.073 557	64	9.076 625	64	0.923 375	9.996 931	1	197	
804	9.073 620	63	9.076 690	65	0.923 310	9.996 931	0	196	
805	9.073 684	64	9.076 754	64	0.923 246	9.996 930	1	195	
806	9.073 747	63	9.076 819	65	0.923 181	9.996 929	1	194	
807	9.073 811	64	9.076 883	64	0.923 117	9.996 928	1	193	
808	9.073 874	63	9.076 948	65	0.923 052	9.996 927	1	192	
809	9.073 938	64	9.077 012	64	0.922 988	9.996 926	1	191	
.810	9.074 001	63	9.077 076	64	0.922 924	9.996 925	1	.190	
811	9.074 065	64	9.077 141	65	0.922 859	9.996 924	1	189	
812	9.074 128	63	9.077 205	64	0.922 795	9.996 923	1	188	
813	9.074 192	64	9.077 269	64	0.922 731	9.996 922	1	187	
814	9.074 255	63	9.077 334	65	0.922 666	9.996 921	1	186	
815	9.074 319	64	9.077 398	64	0.922 602	9.996 921	0	185	
816	9.074 382	63	9.077 462	64	0.922 538	9.996 920	1	184	
817	9.074 446	64	9.077 527	65	0.922 473	9.996 919	1	183	
818	9.074 509	63	9.077 591	64	0.922 409	9.996 918	1	182	
819	9.074 572	63	9.077 655	64	0.922 345	9.996 917	1	181	
.820	9.074 636	64	9.077 720	65	0.922 280	9.996 916	1	.180	
821	9.074 699	63	9.077 784	64	0.922 216	9.996 915	1	179	
822	9.074 762	63	9.077 848	64	0.922 152	9.996 914	1	178	
823	9.074 826	64	9.077 912	64	0.922 088	9.996 913	1	177	
824	9.074 889	63	9.077 977	65	0.922 023	9.996 912	1	176	
825	9.074 952	63	9.078 041	64	0.921 959	9.996 912	0	175	
826	9.075 016	64	9.078 105	64	0.921 895	9.996 911	1	174	
827	9.075 079	63	9.078 169	64	0.921 831	9.996 910	1	173	
828	9.075 142	63	9.078 234	65	0.921 766	9.996 909	1	172	
829	9.075 206	64	9.078 298	64	0.921 702	9.996 908	1	171	
.830	9.075 269	63	9.078 362	64	0.921 638	9.996 907	1	.170	
831	9.075 332	63	9.078 426	64	0.921 574	9.996 906	1	169	
832	9.075 396	64	9.078 490	64	0.921 510	9.996 905	1	168	
833	9.075 459	63	9.078 555	65	0.921 445	9.996 904	1	167	
834	9.075 522	63	9.078 619	64	0.921 381	9.996 903	1	166	
835	9.075 585	63	9.078 683	64	0.921 317	9.996 902	0	165	
836	9.075 649	64	9.078 747	64	0.921 253	9.996 902	1	164	
837	9.075 712	63	9.078 811	64	0.921 189	9.996 901	1	163	
838	9.075 775	63	9.078 875	64	0.921 125	9.996 900	1	162	
839	9.075 838	63	9.078 939	64	0.921 061	9.996 899	1	161	
.840	9.075 901	63	9.079 004	65	0.920 996	9.996 898	1	.160	
841	9.075 965	64	9.079 068	64	0.920 932	9.996 897	1	159	
842	9.076 028	63	9.079 132	64	0.920 868	9.996 896	1	158	
843	9.076 091	63	9.079 196	64	0.920 804	9.996 895	1	157	
844	9.076 154	63	9.079 260	64	0.920 740	9.996 894	1	156	
845	9.076 217	63	9.079 324	64	0.920 676	9.996 893	1	155	
846	9.076 280	63	9.079 388	64	0.920 612	9.996 892	1	154	
847	9.076 344	64	9.079 452	64	0.920 548	9.996 892	0	153	
848	9.076 407	63	9.079 516	64	0.920 484	9.996 891	1	152	
849	9.076 470	63	9.079 580	64	0.920 420	9.996 890	1	151	
.850	9.076 533	63	9.079 644	64	0.920 356	9.996 889	1	.150	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$6^{\circ}.850 - 6^{\circ}.900$

6°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.076 533		9.079 644		0.920 356	9.996 889		.150	
851	9.076 596	63	9.079 708	64	0.920 292	9.996 888	1	149	
852	9.076 659	63	9.079 772	64	0.920 228	9.996 887	1	148	
853	9.076 722	63	9.079 836	64	0.920 164	9.996 886	1	147	
854	9.076 785	63	9.079 900	64	0.920 100	9.996 885	1	146	
855	9.076 848	63	9.079 964	64	0.920 036	9.996 884	1	145	
856	9.076 911	63	9.080 028	64	0.919 972	9.996 883	1	144	
857	9.076 974	63	9.080 092	64	0.919 908	9.996 882	0	143	64
858	9.077 037	63	9.080 156	64	0.919 844	9.996 882	1	142	1 6.4
859	9.077 100	63	9.080 220	64	0.919 780	9.996 881	1	141	2 12.8
.860	9.077 163	63	9.080 284	64	0.919 716	9.996 880	1	.140	3 19.2
861	9.077 226	63	9.080 348	64	0.919 652	9.996 879	1	139	4 25.6
862	9.077 289	63	9.080 411	63	0.919 589	9.996 878	1	138	5 32.0
863	9.077 352	63	9.080 475	64	0.919 525	9.996 877	1	137	6 38.4
864	9.077 415	63	9.080 539	64	0.919 461	9.996 876	1	136	7 44.8
865	9.077 478	63	9.080 603	64	0.919 397	9.996 875	1	135	8 51.2
866	9.077 541	63	9.080 667	64	0.919 333	9.996 874	1	134	9 57.6
867	9.077 604	63	9.080 731	64	0.919 269	9.996 873	1	133	
868	9.077 667	63	9.080 795	64	0.919 205	9.996 872	1	132	
869	9.077 730	63	9.080 859	64	0.919 141	9.996 871	1	131	
.870	9.077 793	63	9.080 922	63	0.919 078	9.996 871	0	.130	
871	9.077 856	63	9.080 986	64	0.919 014	9.996 870	1	129	63
872	9.077 919	63	9.081 050	64	0.918 950	9.996 869	1	128	1 6.3
873	9.077 982	63	9.081 114	64	0.918 886	9.996 868	1	127	2 12.6
874	9.078 045	63	9.081 178	64	0.918 822	9.996 867	1	126	3 18.9
875	9.078 107	62	9.081 241	63	0.918 759	9.996 866	1	125	4 25.2
876	9.078 170	63	9.081 305	64	0.918 695	9.996 865	1	124	5 31.5
877	9.078 233	63	9.081 369	64	0.918 631	9.996 864	1	123	6 37.8
878	9.078 296	63	9.081 433	64	0.918 567	9.996 863	1	122	7 44.1
879	9.078 359	63	9.081 496	63	0.918 504	9.996 862	1	121	8 50.4
.880	9.078 422	63	9.081 560	64	0.918 440	9.996 861	1	.120	9 56.7
881	9.078 484	62	9.081 624	64	0.918 376	9.996 861	0	119	
882	9.078 547	63	9.081 688	64	0.918 312	9.996 860	1	118	
883	9.078 610	63	9.081 751	63	0.918 249	9.996 859	1	117	
884	9.078 673	63	9.081 815	64	0.918 185	9.996 858	1	116	
885	9.078 736	63	9.081 879	64	0.918 121	9.996 857	1	115	
886	9.078 798	62	9.081 942	63	0.918 058	9.996 856	1	114	62
887	9.078 861	63	9.082 006	64	0.917 994	9.996 855	1	113	1 6.2
888	9.078 924	63	9.082 070	64	0.917 930	9.996 854	1	112	2 12.4
889	9.078 987	63	9.082 133	63	0.917 867	9.996 853	1	111	3 18.6
.890	9.079 049	62	9.082 197	64	0.917 803	9.996 852	1	.110	4 24.8
891	9.079 112	63	9.082 261	64	0.917 739	9.996 851	1	109	5 31.0
892	9.079 175	63	9.082 324	63	0.917 676	9.996 850	1	108	6 37.2
893	9.079 238	63	9.082 388	64	0.917 612	9.996 850	0	107	7 43.4
894	9.079 300	62	9.082 452	64	0.917 548	9.996 849	1	106	8 49.6
895	9.079 363	63	9.082 515	63	0.917 485	9.996 848	1	105	9 55.8
896	9.079 426	63	9.082 579	64	0.917 421	9.996 847	1	104	
897	9.079 488	62	9.082 642	63	0.917 358	9.996 846	1	103	
898	9.079 551	63	9.082 706	64	0.917 294	9.996 845	1	102	
899	9.079 614	63	9.082 770	64	0.917 230	9.996 844	1	101	
.900	9.079 676	62	9.082 833	63	0.917 167	9.996 843	1	.100	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

$83^{\circ}.150 - 83^{\circ}.100$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.900 — 6°.950

6°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.079 676		9.082 833		0.917 167	9.996 843		.100	
901	9.079 739	63	9.082 897	64	0.917 103	9.996 842	1	099	
902	9.079 801	62	9.082 960	63	0.917 040	9.996 841	1	098	
903	9.079 864	63	9.083 024	64	0.916 976	9.996 840	1	097	
904	9.079 927	63	9.083 087	63	0.916 913	9.996 839	1	096	
905	9.079 989	62	9.083 151	64	0.916 849	9.996 839	0	095	
906	9.080 052	63	9.083 214	63	0.916 786	9.996 838	1	094	
907	9.080 114	62	9.083 278	64	0.916 722	9.996 837	1	093	
908	9.080 177	63	9.083 341	63	0.916 659	9.996 836	1	092	
909	9.080 240	63	9.083 405	64	0.916 595	9.996 835	1	091	
.910	9.080 302	62	9.083 468	63	0.916 532	9.996 834	1	.090	
911	9.080 365	63	9.083 532	64	0.916 468	9.996 833	1	089	
912	9.080 427	62	9.083 595	63	0.916 405	9.996 832	1	088	
913	9.080 490	63	9.083 659	64	0.916 341	9.996 831	1	087	
914	9.080 552	62	9.083 722	63	0.916 278	9.996 830	1	086	
915	9.080 615	63	9.083 785	63	0.916 215	9.996 829	1	085	
916	9.080 677	62	9.083 849	64	0.916 151	9.996 828	1	084	
917	9.080 740	63	9.083 912	63	0.916 088	9.996 827	1	083	
918	9.080 802	62	9.083 976	64	0.916 024	9.996 827	0	082	
919	9.080 865	63	9.084 039	63	0.915 961	9.996 826	1	081	
.920	9.080 927	62	9.084 102	63	0.915 898	9.996 825	1	.080	
921	9.080 990	63	9.084 166	64	0.915 834	9.996 824	1	079	
922	9.081 052	62	9.084 229	63	0.915 771	9.996 823	1	078	
923	9.081 114	62	9.084 292	63	0.915 708	9.996 822	1	077	
924	9.081 177	63	9.084 356	64	0.915 644	9.996 821	1	076	
925	9.081 239	62	9.084 419	63	0.915 581	9.996 820	1	075	
926	9.081 302	63	9.084 482	63	0.915 518	9.996 819	1	074	
927	9.081 364	62	9.084 546	64	0.915 454	9.996 818	1	073	
928	9.081 426	62	9.084 609	63	0.915 391	9.996 817	1	072	
929	9.081 489	63	9.084 672	63	0.915 328	9.996 816	1	071	
.930	9.081 551	62	9.084 736	64	0.915 264	9.996 816	0	.070	
931	9.081 614	63	9.084 799	63	0.915 201	9.996 815	1	069	
932	9.081 676	62	9.084 862	63	0.915 138	9.996 814	1	068	
933	9.081 738	62	9.084 925	63	0.915 075	9.996 813	1	067	
934	9.081 801	63	9.084 989	64	0.915 011	9.996 812	1	066	
935	9.081 863	62	9.085 052	63	0.914 948	9.996 811	1	065	
936	9.081 925	62	9.085 115	63	0.914 885	9.996 810	1	064	
937	9.081 988	63	9.085 178	63	0.914 822	9.996 809	1	063	
938	9.082 050	62	9.085 242	64	0.914 758	9.996 808	1	062	
939	9.082 112	62	9.085 305	63	0.914 695	9.996 807	1	061	
.940	9.082 174	62	9.085 368	63	0.914 632	9.996 806	1	.060	
941	9.082 237	63	9.085 431	63	0.914 569	9.996 805	1	059	
942	9.082 299	62	9.085 494	63	0.914 506	9.996 804	1	058	
943	9.082 361	62	9.085 558	64	0.914 442	9.996 804	0	057	
944	9.082 423	62	9.085 621	63	0.914 379	9.996 803	1	056	
945	9.082 486	63	9.085 684	63	0.914 316	9.996 802	1	055	
946	9.082 548	62	9.085 747	63	0.914 253	9.996 801	1	054	
947	9.082 610	62	9.085 810	63	0.914 190	9.996 800	1	053	
948	9.082 672	62	9.085 873	63	0.914 127	9.996 799	1	052	
949	9.082 734	62	9.085 936	63	0.914 064	9.996 798	1	051	
.950	9.082 797	63	9.086 000	64	0.914 000	9.996 797	1	.050	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.100 — 83°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

6°.950 — 7°.000

6°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.082 797		9.086 000		0.914 000	9.996 797		.050	
951	9.082 859	62	9.086 063	63	0.913 937	9.996 796	1	049	
952	9.082 921	62	9.086 126	63	0.913 874	9.996 795	1	048	
953	9.082 983	62	9.086 189	63	0.913 811	9.996 794	1	047	
		62		63			1		
954	9.083 045	62	9.086 252	63	0.913 748	9.996 793	1	046	
955	9.083 107	62	9.086 315	63	0.913 685	9.996 792	1	045	
956	9.083 170	63	9.086 378	63	0.913 622	9.996 792	0	044	
		62		63			1		
957	9.083 232	62	9.086 441	63	0.913 559	9.996 791	1	043	
958	9.083 294	62	9.086 504	63	0.913 496	9.996 790	1	042	
959	9.083 356	62	9.086 567	63	0.913 433	9.996 789	1	041	
		62		63			1		
.960	9.083 418		9.086 630		0.913 370	9.996 788		.040	
		62		63			1		
961	9.083 480	62	9.086 693	63	0.913 307	9.996 787	1	039	
962	9.083 542	62	9.086 756	63	0.913 244	9.996 786	1	038	
963	9.083 604	62	9.086 819	63	0.913 181	9.996 785	1	037	
		62		63			1		
964	9.083 666	62	9.086 882	63	0.913 118	9.996 784	1	036	
965	9.083 728	62	9.086 945	63	0.913 055	9.996 783	1	035	
966	9.083 790	62	9.087 008	63	0.912 992	9.996 782	1	034	
		62		63			1		
967	9.083 852	62	9.087 071	63	0.912 929	9.996 781	1	033	
968	9.083 914	62	9.087 134	63	0.912 866	9.996 780	1	032	
969	9.083 976	62	9.087 197	63	0.912 803	9.996 779	1	031	
		62		63			0		
.970	9.084 038		9.087 260		0.912 740	9.996 779		.030	
		62		63			1		
971	9.084 100	62	9.087 323	63	0.912 677	9.996 778	1	029	
972	9.084 162	62	9.087 386	63	0.912 614	9.996 777	1	028	
973	9.084 224	62	9.087 449	63	0.912 551	9.996 776	1	027	
		62		63			1		
974	9.084 286	62	9.087 512	62	0.912 488	9.996 775	1	026	
975	9.084 348	62	9.087 574	63	0.912 426	9.996 774	1	025	
976	9.084 410	62	9.087 637	63	0.912 363	9.996 773	1	024	
		62		63			1		
977	9.084 472	62	9.087 700	63	0.912 300	9.996 772	1	023	
978	9.084 534	62	9.087 763	63	0.912 237	9.996 771	1	022	
979	9.084 596	62	9.087 826	63	0.912 174	9.996 770	1	021	
		62		63			1		
.980	9.084 658		9.087 889		0.912 111	9.996 769		.020	
		62		63			1		
981	9.084 720	62	9.087 952	62	0.912 048	9.996 768	1	019	
982	9.084 782	62	9.088 014	63	0.911 986	9.996 767	0	018	
983	9.084 844	62	9.088 077	63	0.911 923	9.996 767	1	017	
		62		63			1		
984	9.084 906	61	9.088 140	63	0.911 860	9.996 766	1	016	
985	9.084 967	62	9.088 203	63	0.911 797	9.996 765	1	015	
986	9.085 029	62	9.088 266	62	0.911 734	9.996 764	1	014	
		62		63			1		
987	9.085 091	62	9.088 328	63	0.911 672	9.996 763	1	013	
988	9.085 153	62	9.088 391	63	0.911 609	9.996 762	1	012	
989	9.085 215	62	9.088 454	63	0.911 546	9.996 761	1	011	
		62		63			1		
.990	9.085 277		9.088 517		0.911 483	9.996 760		.010	
		62		62			1		
991	9.085 339	61	9.088 579	63	0.911 421	9.996 759	1	009	
992	9.085 400	62	9.088 642	63	0.911 358	9.996 758	1	008	
993	9.085 462	62	9.088 705	63	0.911 295	9.996 757	1	007	
		62		63			1		
994	9.085 524	62	9.088 768	62	0.911 232	9.996 756	1	006	
995	9.085 586	61	9.088 830	63	0.911 170	9.996 755	1	005	
996	9.085 647	62	9.088 893	63	0.911 107	9.996 754	1	004	
		62		63			0		
997	9.085 709	62	9.088 956	62	0.911 044	9.996 754	1	003	
998	9.085 771	62	9.089 018	63	0.910 982	9.996 753	1	002	
999	9.085 833	62	9.089 081	63	0.910 919	9.996 752	1	001	
		61		63			1		
*.000	9.085 894		9.089 144		0.910 856	9.996 751		.000	
	cos	d	cotg	d	tang	sin	d	83°	P.P.

83°.050 — 83°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.000 — 7°.050

7°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.085 894		9.089 144		0.910 856	9.996 751		*.000	
001	9.085 956	62	9.089 206	62	0.910 794	9.996 750	1	999	
002	9.086 018	62	9.089 269	63	0.910 731	9.996 749	1	998	
003	9.086 080	62	9.089 332	63	0.910 668	9.996 748	1	997	
004	9.086 141	61	9.089 394	62	0.910 606	9.996 747	1	996	
005	9.086 203	62	9.089 457	63	0.910 543	9.996 746	1	995	
006	9.086 265	62	9.089 520	63	0.910 480	9.996 745	1	994	
007	9.086 326	61	9.089 582	62	0.910 418	9.996 744	1	993	63
008	9.086 388	62	9.089 645	63	0.910 355	9.996 743	1	992	1 6.3
009	9.086 450	62	9.089 707	62	0.910 293	9.996 742	1	991	2 12.6
.010	9.086 511	61	9.089 770	63	0.910 230	9.996 741	1	.990	3 18.9
011	9.086 573	62	9.089 833	63	0.910 167	9.996 740	1	989	4 25.2
012	9.086 635	62	9.089 895	62	0.910 105	9.996 740	0	988	5 31.5
013	9.086 696	61	9.089 958	63	0.910 042	9.996 739	1	987	6 37.8
014	9.086 758	62	9.090 020	62	0.909 980	9.996 738	1	986	7 44.1
015	9.086 819	61	9.090 083	63	0.909 917	9.996 737	1	985	8 50.4
016	9.086 881	62	9.090 145	62	0.909 855	9.996 736	1	984	9 56.7
017	9.086 943	62	9.090 208	63	0.909 792	9.996 735	1	983	
018	9.087 004	61	9.090 270	62	0.909 730	9.996 734	1	982	
019	9.087 066	62	9.090 333	63	0.909 667	9.996 733	1	981	
.020	9.087 127	61	9.090 395	62	0.909 605	9.996 732	1	.980	
021	9.087 189	62	9.090 458	63	0.909 542	9.996 731	1	979	62
022	9.087 250	61	9.090 520	62	0.909 480	9.996 730	1	978	1 6.2
023	9.087 312	62	9.090 583	63	0.909 417	9.996 729	1	977	2 12.4
024	9.087 374	62	9.090 645	62	0.909 355	9.996 728	1	976	3 18.6
025	9.087 435	61	9.090 708	63	0.909 292	9.996 727	1	975	4 24.8
026	9.087 497	62	9.090 770	62	0.909 230	9.996 726	1	974	5 31.0
027	9.087 558	61	9.090 832	62	0.909 168	9.996 726	0	973	6 37.2
028	9.087 620	62	9.090 895	63	0.909 105	9.996 725	1	972	7 43.4
029	9.087 681	61	9.090 957	62	0.909 043	9.996 724	1	971	8 49.6
.030	9.087 742	61	9.091 020	63	0.908 980	9.996 723	1	.970	9 55.8
031	9.087 804	62	9.091 082	62	0.908 918	9.996 722	1	969	
032	9.087 865	61	9.091 145	63	0.908 855	9.996 721	1	968	
033	9.087 927	62	9.091 207	62	0.908 793	9.996 720	1	967	
034	9.087 988	61	9.091 269	62	0.908 731	9.996 719	1	966	
035	9.088 050	62	9.091 332	63	0.908 668	9.996 718	1	965	
036	9.088 111	61	9.091 394	62	0.908 606	9.996 717	1	964	61
037	9.088 173	62	9.091 456	62	0.908 544	9.996 716	1	963	1 6.1
038	9.088 234	61	9.091 519	63	0.908 481	9.996 715	1	962	2 12.2
039	9.088 295	61	9.091 581	62	0.908 419	9.996 714	1	961	3 18.3
.040	9.088 357	62	9.091 643	62	0.908 357	9.996 713	1	.960	4 24.4
041	9.088 418	61	9.091 706	63	0.908 294	9.996 712	1	959	5 30.5
042	9.088 479	61	9.091 768	62	0.908 232	9.996 712	0	958	6 36.6
043	9.088 541	62	9.091 830	62	0.908 170	9.996 711	1	957	7 42.7
044	9.088 602	61	9.091 893	63	0.908 107	9.996 710	1	956	8 48.8
045	9.088 663	61	9.091 955	62	0.908 045	9.996 709	1	955	9 54.9
046	9.088 725	62	9.092 017	62	0.907 983	9.996 708	1	954	
047	9.088 786	61	9.092 079	62	0.907 921	9.996 707	1	953	
048	9.088 847	61	9.092 142	63	0.907 858	9.996 706	1	952	
049	9.088 909	62	9.092 204	62	0.907 796	9.996 705	1	951	
.050	9.088 970	61	9.092 266	62	0.907 734	9.996 704	1	.950	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

83°.000 — 82°.950

$7^{\circ}.050 - 7^{\circ}.100$

7°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.088 970		9.092 266		0.907 734	9.996 704		.950	
051	9.089 031	61	9.092 328	62	0.907 672	9.996 703	1	949	
052	9.089 093	62	9.092 390	62	0.907 610	9.996 702	1	948	
053	9.089 154	61	9.092 453	63	0.907 547	9.996 701	1	947	
054	9.089 215	61	9.092 515	62	0.907 485	9.996 700	1	946	63
055	9.089 276	62	9.092 577	62	0.907 423	9.996 699	1	945	1 6.3
056	9.089 338	62	9.092 639	62	0.907 361	9.996 698	1	944	2 12.6
057	9.089 399	61	9.092 701	62	0.907 299	9.996 697	1	943	3 18.9
058	9.089 460	61	9.092 764	63	0.907 236	9.996 697	0	942	4 25.2
059	9.089 521	61	9.092 826	62	0.907 174	9.996 696	1	941	5 31.5
.060	9.089 583	62	9.092 888	62	0.907 112	9.996 695	1	.940	6 37.8
061	9.089 644	61	9.092 950	62	0.907 050	9.996 694	1	939	7 44.1
062	9.089 705	61	9.093 012	62	0.906 988	9.996 693	1	938	8 50.4
063	9.089 766	61	9.093 074	62	0.906 926	9.996 692	1	937	9 56.7
064	9.089 827	61	9.093 136	62	0.906 864	9.996 691	1	936	
065	9.089 888	61	9.093 198	62	0.906 802	9.996 690	1	935	62
066	9.089 950	62	9.093 261	63	0.906 739	9.996 689	1	934	1 6.2
067	9.090 011	61	9.093 323	62	0.906 677	9.996 688	1	933	2 12.4
068	9.090 072	61	9.093 385	62	0.906 615	9.996 687	1	932	3 18.6
069	9.090 133	61	9.093 447	62	0.906 553	9.996 686	1	931	4 24.8
.070	9.090 194	61	9.093 509	62	0.906 491	9.996 685	1	.930	5 31.0
071	9.090 255	61	9.093 571	62	0.906 429	9.996 684	1	929	6 37.2
072	9.090 316	61	9.093 633	62	0.906 367	9.996 683	1	928	7 43.4
073	9.090 377	61	9.093 695	62	0.906 305	9.996 682	1	927	8 49.6
074	9.090 439	62	9.093 757	62	0.906 243	9.996 681	1	926	9 55.8
075	9.090 500	61	9.093 819	62	0.906 181	9.996 681	0	925	
076	9.090 561	61	9.093 881	62	0.906 119	9.996 680	1	924	
077	9.090 622	61	9.093 943	62	0.906 057	9.996 679	1	923	61
078	9.090 683	61	9.094 005	62	0.905 995	9.996 678	1	922	1 6.1
079	9.090 744	61	9.094 067	62	0.905 933	9.996 677	1	921	2 12.2
.080	9.090 805	61	9.094 129	62	0.905 871	9.996 676	1	.920	3 18.3
081	9.090 866	61	9.094 191	62	0.905 809	9.996 675	1	919	4 24.4
082	9.090 927	61	9.094 253	62	0.905 747	9.996 674	1	918	5 30.5
083	9.090 988	61	9.094 315	62	0.905 685	9.996 673	1	917	6 36.6
084	9.091 049	61	9.094 377	62	0.905 623	9.996 672	1	916	7 42.7
085	9.091 110	61	9.094 439	62	0.905 561	9.996 671	1	915	8 48.8
086	9.091 171	61	9.094 501	62	0.905 499	9.996 670	1	914	9 54.9
087	9.091 232	61	9.094 563	62	0.905 437	9.996 669	1	913	
088	9.091 293	61	9.094 624	62	0.905 376	9.996 668	1	912	
089	9.091 354	61	9.094 686	62	0.905 314	9.996 667	1	911	60
.090	9.091 415	61	9.094 748	62	0.905 252	9.996 666	1	.910	1 6.0
091	9.091 476	61	9.094 810	62	0.905 190	9.996 665	1	909	2 12.0
092	9.091 537	61	9.094 872	62	0.905 128	9.996 665	0	908	3 18.0
093	9.091 597	60	9.094 934	62	0.905 066	9.996 664	1	907	4 24.0
094	9.091 658	61	9.094 996	62	0.905 004	9.996 663	1	906	5 30.0
095	9.091 719	61	9.095 058	62	0.904 942	9.996 662	1	905	6 36.0
096	9.091 780	61	9.095 119	61	0.904 881	9.996 661	1	904	7 42.0
097	9.091 841	61	9.095 181	62	0.904 819	9.996 660	1	903	8 48.0
098	9.091 902	61	9.095 243	62	0.904 757	9.996 659	1	902	9 54.0
099	9.091 963	61	9.095 305	62	0.904 695	9.996 658	1	901	
.100	9.092 024	61	9.095 367	62	0.904 633	9.996 657	1	.900	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

7°.100 — 7°.150

7°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.092 024		9.095 367		0.904 633	9.996 657		.900	
101	9.092 085	61	9.095 428	61	0.904 572	9.996 656	1	899	
102	9.092 145	60	9.095 490	62	0.904 510	9.996 655	1	898	
103	9.092 206	61	9.095 552	62	0.904 448	9.996 654	1	897	
104	9.092 267	61	9.095 614	62	0.904 386	9.996 653	1	896	
105	9.092 328	61	9.095 676	61	0.904 324	9.996 652	1	895	
106	9.092 389	60	9.095 737	62	0.904 263	9.996 651	1	894	
107	9.092 449	61	9.095 799	62	0.904 201	9.996 650	1	893	
108	9.092 510	61	9.095 861	62	0.904 139	9.996 649	1	892	
109	9.092 571	61	9.095 923	61	0.904 077	9.996 648	0	891	
.110	9.092 632	61	9.095 984	62	0.904 016	9.996 648	1	.890	
111	9.092 693	60	9.096 046	62	0.903 954	9.996 647	1	889	
112	9.092 753	61	9.096 108	61	0.903 892	9.996 646	1	888	
113	9.092 814	61	9.096 169	62	0.903 831	9.996 645	1	887	
114	9.092 875	61	9.096 231	62	0.903 769	9.996 644	1	886	
115	9.092 936	60	9.096 293	61	0.903 707	9.996 643	1	885	
116	9.092 996	61	9.096 354	62	0.903 646	9.996 642	1	884	
117	9.093 057	61	9.096 416	62	0.903 584	9.996 641	1	883	
118	9.093 118	60	9.096 478	61	0.903 522	9.996 640	1	882	
119	9.093 178	61	9.096 539	62	0.903 461	9.996 639	1	881	
.120	9.093 239	61	9.096 601	62	0.903 399	9.996 638	1	.880	
121	9.093 300	60	9.096 663	61	0.903 337	9.996 637	1	879	
122	9.093 360	61	9.096 724	62	0.903 276	9.996 636	1	878	
123	9.093 421	61	9.096 786	61	0.903 214	9.996 635	1	877	
124	9.093 482	60	9.096 847	62	0.903 153	9.996 634	1	876	
125	9.093 542	61	9.096 909	62	0.903 091	9.996 633	1	875	
126	9.093 603	61	9.096 971	61	0.903 029	9.996 632	1	874	
127	9.093 664	60	9.097 032	62	0.902 968	9.996 631	1	873	
128	9.093 724	61	9.097 094	61	0.902 906	9.996 630	1	872	
129	9.093 785	60	9.097 155	62	0.902 845	9.996 630	0	871	
.130	9.093 845	61	9.097 217	61	0.902 783	9.996 629	1	.870	
131	9.093 906	61	9.097 278	62	0.902 722	9.996 628	1	869	
132	9.093 967	60	9.097 340	61	0.902 660	9.996 627	1	868	
133	9.094 027	61	9.097 401	62	0.902 599	9.996 626	1	867	
134	9.094 088	60	9.097 463	61	0.902 537	9.996 625	1	866	
135	9.094 148	61	9.097 524	62	0.902 476	9.996 624	1	865	
136	9.094 209	60	9.097 586	61	0.902 414	9.996 623	1	864	
137	9.094 269	61	9.097 647	62	0.902 353	9.996 622	1	863	
138	9.094 330	60	9.097 709	61	0.902 291	9.996 621	1	862	
139	9.094 390	61	9.097 770	62	0.902 230	9.996 620	1	861	
.140	9.094 451	60	9.097 832	61	0.902 168	9.996 619	1	.860	
141	9.094 511	61	9.097 893	62	0.902 107	9.996 618	1	859	
142	9.094 572	60	9.097 955	61	0.902 045	9.996 617	1	858	
143	9.094 632	61	9.098 016	62	0.901 984	9.996 616	1	857	
144	9.094 693	60	9.098 078	61	0.901 922	9.996 615	1	856	
145	9.094 753	61	9.098 139	61	0.901 861	9.996 614	1	855	
146	9.094 814	60	9.098 200	62	0.901 800	9.996 613	1	854	
147	9.094 874	61	9.098 262	61	0.901 738	9.996 612	1	853	
148	9.094 935	60	9.098 323	62	0.901 677	9.996 611	0	852	
149	9.094 995	61	9.098 385	61	0.901 615	9.996 611	1	851	
.150	9.095 056		9.098 446		0.901 554	9.996 610		.850	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

7°.150 — 7°.200

7°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.095 056		9.098 446		0.901 554	9.996 610		.850	
151	9.095 116	60	9.098 507	61	0.901 493	9.996 609	1	849	
152	9.095 176	60	9.098 569	62	0.901 431	9.996 608	1	848	
153	9.095 237	61	9.098 630	61	0.901 370	9.996 607	1	847	
		60		61			1		
154	9.095 297	61	9.098 691	62	0.901 309	9.996 606	1	846	
155	9.095 358	60	9.098 753	61	0.901 247	9.996 605	1	845	
156	9.095 418	60	9.098 814	61	0.901 186	9.996 604	1	844	
		60		61			1		
157	9.095 478	61	9.098 875	62	0.901 125	9.996 603	1	843	
158	9.095 539	60	9.098 937	61	0.901 063	9.996 602	1	842	
159	9.095 599	60	9.098 998	61	0.901 002	9.996 601	1	841	
.160	9.095 659	61	9.099 059	62	0.900 941	9.996 600	1	.840	
		60		61			1		
161	9.095 720	60	9.099 121	61	0.900 879	9.996 599	1	839	
162	9.095 780	60	9.099 182	61	0.900 818	9.996 598	1	838	
163	9.095 840	61	9.099 243	61	0.900 757	9.996 597	1	837	
		60		61			1		
164	9.095 901	60	9.099 304	62	0.900 696	9.996 596	1	836	
165	9.095 961	60	9.099 366	61	0.900 634	9.996 595	1	835	
166	9.096 021	61	9.099 427	61	0.900 573	9.996 594	1	834	
		60		61			1		
167	9.096 082	60	9.099 488	61	0.900 512	9.996 593	1	833	
168	9.096 142	60	9.099 549	62	0.900 451	9.996 592	1	832	
169	9.096 202	60	9.099 611	62	0.900 389	9.996 592	0	831	
.170	9.096 262	61	9.099 672	61	0.900 328	9.996 591	1	.830	
		60		61			1		
171	9.096 323	60	9.099 733	61	0.900 267	9.996 590	1	829	
172	9.096 383	60	9.099 794	61	0.900 206	9.996 589	1	828	
173	9.096 443	60	9.099 855	62	0.900 145	9.996 588	1	827	
		60		61			1		
174	9.096 503	61	9.099 917	61	0.900 083	9.996 587	1	826	
175	9.096 564	60	9.099 978	61	0.900 022	9.996 586	1	825	
176	9.096 624	60	9.100 039	61	0.899 961	9.996 585	1	824	
		60		61			1		
177	9.096 684	60	9.100 100	61	0.899 900	9.996 584	1	823	
178	9.096 744	60	9.100 161	61	0.899 839	9.996 583	1	822	
179	9.096 804	61	9.100 222	62	0.899 778	9.996 582	1	821	
.180	9.096 865	60	9.100 284	61	0.899 716	9.996 581	1	.820	
		60		61			1		
181	9.096 925	60	9.100 345	61	0.899 655	9.996 580	1	819	
182	9.096 985	60	9.100 406	61	0.899 594	9.996 579	1	818	
183	9.097 045	60	9.100 467	61	0.899 533	9.996 578	1	817	
		60		61			1		
184	9.097 105	60	9.100 528	61	0.899 472	9.996 577	1	816	
185	9.097 165	60	9.100 589	61	0.899 411	9.996 576	1	815	
186	9.097 225	61	9.100 650	61	0.899 350	9.996 575	1	814	
		60		61			1		
187	9.097 286	60	9.100 711	61	0.899 289	9.996 574	1	813	
188	9.097 346	60	9.100 772	61	0.899 228	9.996 573	1	812	
189	9.097 406	60	9.100 833	61	0.899 167	9.996 572	1	811	
.190	9.097 466	60	9.100 894	61	0.899 106	9.996 571	1	.810	
		60		61			1		
191	9.097 526	60	9.100 955	61	0.899 045	9.996 570	1	809	
192	9.097 586	60	9.101 016	61	0.898 984	9.996 570	0	808	
193	9.097 646	60	9.101 077	61	0.898 923	9.996 569	1	807	
		60		61			1		
194	9.097 706	60	9.101 138	61	0.898 862	9.996 568	1	806	
195	9.097 766	60	9.101 199	61	0.898 801	9.996 567	1	805	
196	9.097 826	60	9.101 260	61	0.898 740	9.996 566	1	804	
		60		61			1		
197	9.097 886	60	9.101 321	61	0.898 679	9.996 565	1	803	
198	9.097 946	60	9.101 382	61	0.898 618	9.996 564	1	802	
199	9.098 006	60	9.101 443	61	0.898 557	9.996 563	1	801	
.200	9.098 066	60	9.101 504	61	0.898 496	9.996 562	1	.800	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

7°.200 — 7°.250

7°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.098 066		9.101 504		0.898 496	9.996 562		.800	
201	9.098 126	60	9.101 565	61	0.898 435	9.996 561	1	799	
202	9.098 186	60	9.101 626	61	0.898 374	9.996 560	1	798	
203	9.098 246	60	9.101 687	61	0.898 313	9.996 559	1	797	
204	9.098 306	60	9.101 748	61	0.898 252	9.996 558	1	796	
205	9.098 366	60	9.101 809	61	0.898 191	9.996 557	1	795	
206	9.098 426	60	9.101 870	61	0.898 130	9.996 556	1	794	
207	9.098 486	60	9.101 931	61	0.898 069	9.996 555	1	793	
208	9.098 546	60	9.101 992	61	0.898 008	9.996 554	1	792	
209	9.098 606	60	9.102 053	61	0.897 947	9.996 553	1	791	
.210	9.098 666		9.102 114		0.897 886	9.996 552		.790	
211	9.098 726	60	9.102 174	61	0.897 826	9.996 551	1	789	
212	9.098 786	60	9.102 235	61	0.897 765	9.996 550	1	788	
213	9.098 846	60	9.102 296	61	0.897 704	9.996 549	1	787	
214	9.098 905	59	9.102 357	61	0.897 643	9.996 548	1	786	
215	9.098 965	60	9.102 418	61	0.897 582	9.996 548	0	785	
216	9.099 025	60	9.102 479	61	0.897 521	9.996 547	1	784	
217	9.099 085	60	9.102 539	61	0.897 461	9.996 546	1	783	
218	9.099 145	60	9.102 600	61	0.897 400	9.996 545	1	782	
219	9.099 205	60	9.102 661	61	0.897 339	9.996 544	1	781	
.220	9.099 265		9.102 722		0.897 278	9.996 543		.780	
221	9.099 324	59	9.102 783	61	0.897 217	9.996 542	1	779	
222	9.099 384	60	9.102 843	61	0.897 157	9.996 541	1	778	
223	9.099 444	60	9.102 904	61	0.897 096	9.996 540	1	777	
224	9.099 504	60	9.102 965	61	0.897 035	9.996 539	1	776	
225	9.099 564	60	9.103 026	61	0.896 974	9.996 538	1	775	
226	9.099 623	59	9.103 086	61	0.896 914	9.996 537	1	774	
227	9.099 683	60	9.103 147	61	0.896 853	9.996 536	1	773	
228	9.099 743	60	9.103 208	61	0.896 792	9.996 535	1	772	
229	9.099 803	60	9.103 269	61	0.896 731	9.996 534	1	771	
.230	9.099 862		9.103 329		0.896 671	9.996 533		.770	
231	9.099 922	60	9.103 390	61	0.896 610	9.996 532	1	769	
232	9.099 982	60	9.103 451	61	0.896 549	9.996 531	1	768	
233	9.100 042	60	9.103 511	61	0.896 489	9.996 530	1	767	
234	9.100 101	59	9.103 572	61	0.896 428	9.996 529	1	766	
235	9.100 161	60	9.103 633	61	0.896 367	9.996 528	1	765	
236	9.100 221	60	9.103 694	61	0.896 306	9.996 527	1	764	
237	9.100 281	60	9.103 754	61	0.896 246	9.996 526	1	763	
238	9.100 340	59	9.103 815	61	0.896 185	9.996 525	1	762	
239	9.100 400	60	9.103 875	61	0.896 125	9.996 524	1	761	
.240	9.100 460		9.103 936		0.896 064	9.996 523		.760	
241	9.100 519	59	9.103 997	61	0.896 003	9.996 523	0	759	
242	9.100 579	60	9.104 057	61	0.895 943	9.996 522	1	758	
243	9.100 639	60	9.104 118	61	0.895 882	9.996 521	1	757	
244	9.100 698	59	9.104 179	61	0.895 821	9.996 520	1	756	
245	9.100 758	60	9.104 239	61	0.895 761	9.996 519	1	755	
246	9.100 817	59	9.104 300	61	0.895 700	9.996 518	1	754	
247	9.100 877	60	9.104 360	61	0.895 640	9.996 517	1	753	
248	9.100 937	60	9.104 421	61	0.895 579	9.996 516	1	752	
249	9.100 996	59	9.104 481	61	0.895 519	9.996 515	1	751	
.250	9.101 056		9.104 542		0.895 458	9.996 514		.750	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.250 — 7°.300

7°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.101 056		9.104 542		0.895 458	9.996 514		.750	
251	9.101 115	59	9.104 603	61	0.895 397	9.996 513	1	749	
252	9.101 175	60	9.104 663	60	0.895 337	9.996 512	1	748	
253	9.101 235	60	9.104 724	61	0.895 276	9.996 511	1	747	
				60			1		
254	9.101 294	59	9.104 784	61	0.895 216	9.996 510	1	746	
255	9.101 354	60	9.104 845	60	0.895 155	9.996 509	1	745	
256	9.101 413	59	9.104 905	60	0.895 095	9.996 508	1	744	
		60		61			1		
257	9.101 473		9.104 966	60	0.895 034	9.996 507	1	743	
258	9.101 532	59	9.105 026	61	0.894 974	9.996 506	1	742	
259	9.101 592	60	9.105 087	61	0.894 913	9.996 505	1	741	
		59		60			1		
.260	9.101 651		9.105 147		0.894 853	9.996 504		.740	
		60		60			1		
261	9.101 711	59	9.105 207	61	0.894 793	9.996 503	1	739	
262	9.101 770	60	9.105 268	60	0.894 732	9.996 502	1	738	
263	9.101 830	60	9.105 328	60	0.894 672	9.996 501	1	737	
		59		61			1		
264	9.101 889		9.105 389	60	0.894 611	9.996 500	1	736	
265	9.101 949	60	9.105 449	60	0.894 551	9.996 499	1	735	
266	9.102 008	59	9.105 510	61	0.894 490	9.996 498	1	734	
		60		60			1		
267	9.102 068		9.105 570	60	0.894 430	9.996 497	1	733	
268	9.102 127	59	9.105 630	60	0.894 370	9.996 496	1	732	
269	9.102 186	59	9.105 691	61	0.894 309	9.996 495	1	731	
		60		60			0		
.270	9.102 246		9.105 751		0.894 249	9.996 495		.730	
		59		61			1		
271	9.102 305	60	9.105 812	60	0.894 188	9.996 494	1	729	
272	9.102 365	60	9.105 872	60	0.894 128	9.996 493	1	728	
273	9.102 424	59	9.105 932	60	0.894 068	9.996 492	1	727	
		59		61			1		
274	9.102 483		9.105 993	60	0.894 007	9.996 491	1	726	
275	9.102 543	60	9.106 053	60	0.893 947	9.996 490	1	725	
276	9.102 602	59	9.106 113	60	0.893 887	9.996 489	1	724	
		60		61			1		
277	9.102 662		9.106 174	60	0.893 826	9.996 488	1	723	
278	9.102 721	59	9.106 234	60	0.893 766	9.996 487	1	722	
279	9.102 780	59	9.106 294	60	0.893 706	9.996 486	1	721	
		60		61			1		
.280	9.102 840		9.106 355		0.893 645	9.996 485		.720	
		59		60			1		
281	9.102 899	59	9.106 415	60	0.893 585	9.996 484	1	719	
282	9.102 958	60	9.106 475	61	0.893 525	9.996 483	1	718	
283	9.103 018	60	9.106 536	60	0.893 464	9.996 482	1	717	
		59		60			1		
284	9.103 077		9.106 596	60	0.893 404	9.996 481	1	716	
285	9.103 136	59	9.106 656	60	0.893 344	9.996 480	1	715	
286	9.103 195	59	9.106 716	60	0.893 284	9.996 479	1	714	
		60		61			1		
287	9.103 255		9.106 777	60	0.893 223	9.996 478	1	713	
288	9.103 314	59	9.106 837	60	0.893 163	9.996 477	1	712	
289	9.103 373	59	9.106 897	60	0.893 103	9.996 476	1	711	
		59		60			1		
.290	9.103 432		9.106 957		0.893 043	9.996 475		.710	
		60		61			1		
291	9.103 492	59	9.107 018	60	0.892 982	9.996 474	1	709	
292	9.103 551	59	9.107 078	60	0.892 922	9.996 473	1	708	
293	9.103 610	59	9.107 138	60	0.892 862	9.996 472	1	707	
		59		60			1		
294	9.103 669		9.107 198	60	0.892 802	9.996 471	1	706	
295	9.103 729	60	9.107 258	60	0.892 742	9.996 470	1	705	
296	9.103 788	59	9.107 319	61	0.892 681	9.996 469	1	704	
		59		60			1		
297	9.103 847		9.107 379	60	0.892 621	9.996 468	1	703	
298	9.103 906	59	9.107 439	60	0.892 561	9.996 467	1	702	
299	9.103 965	59	9.107 499	60	0.892 501	9.996 466	1	701	
		60		60			1		
.300	9.104 025		9.107 559		0.892 441	9.996 465		.700	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.750 — 82°.700

7°.300 — 7°.350

7°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.104 025		9.107 559		0.892 441	9.996 465		.700	
301	9.104 084	59	9.107 619	60	0.892 381	9.996 464	1	699	
302	9.104 143	59	9.107 679	60	0.892 321	9.996 464	0	698	
303	9.104 202	59	9.107 740	61	0.892 260	9.996 463	1	697	
304	9.104 261	59	9.107 800	60	0.892 200	9.996 462	1	696	61
305	9.104 320	59	9.107 860	60	0.892 140	9.996 461	1	695	1 6.1
306	9.104 379	59	9.107 920	60	0.892 080	9.996 460	1	694	2 12.2
307	9.104 439	60	9.107 980	60	0.892 020	9.996 459	1	693	3 18.3
308	9.104 498	59	9.108 040	60	0.891 960	9.996 458	1	692	4 24.4
309	9.104 557	59	9.108 100	60	0.891 900	9.996 457	1	691	5 30.5
.310	9.104 616	59	9.108 160	60	0.891 840	9.996 456	1	.690	6 36.6
311	9.104 675	59	9.108 220	60	0.891 780	9.996 455	1	689	7 42.7
312	9.104 734	59	9.108 280	60	0.891 720	9.996 454	1	688	8 48.8
313	9.104 793	59	9.108 340	60	0.891 660	9.996 453	1	687	9 54.9
314	9.104 852	59	9.108 400	60	0.891 600	9.996 452	1	686	
315	9.104 911	59	9.108 460	60	0.891 540	9.996 451	1	685	60
316	9.104 970	59	9.108 520	60	0.891 480	9.996 450	1	684	
317	9.105 029	59	9.108 580	60	0.891 420	9.996 449	1	683	1 6.0
318	9.105 088	59	9.108 640	60	0.891 360	9.996 448	1	682	2 12.0
319	9.105 147	59	9.108 700	60	0.891 300	9.996 447	1	681	3 18.0
.320	9.105 206	59	9.108 760	60	0.891 240	9.996 446	1	.680	4 24.0
321	9.105 265	59	9.108 820	60	0.891 180	9.996 445	1	679	5 30.0
322	9.105 324	59	9.108 880	60	0.891 120	9.996 444	1	678	6 36.0
323	9.105 383	59	9.108 940	60	0.891 060	9.996 443	1	677	7 42.0
324	9.105 442	59	9.109 000	60	0.891 000	9.996 442	1	676	8 48.0
325	9.105 501	59	9.109 060	60	0.890 940	9.996 441	1	675	9 54.0
326	9.105 560	59	9.109 120	60	0.890 880	9.996 440	1	674	
327	9.105 619	59	9.109 180	60	0.890 820	9.996 439	1	673	59
328	9.105 678	59	9.109 240	60	0.890 760	9.996 438	1	672	
329	9.105 737	59	9.109 300	60	0.890 700	9.996 437	1	671	1 5.9
.330	9.105 796	59	9.109 360	60	0.890 640	9.996 436	1	.670	2 11.8
331	9.105 855	59	9.109 420	60	0.890 580	9.996 435	1	669	3 17.7
332	9.105 914	59	9.109 480	60	0.890 520	9.996 434	1	668	4 23.6
333	9.105 973	59	9.109 539	59	0.890 461	9.996 433	1	667	5 29.5
334	9.106 032	59	9.109 599	60	0.890 401	9.996 432	1	666	6 35.4
335	9.106 091	59	9.109 659	60	0.890 341	9.996 431	1	665	7 41.3
336	9.106 149	58	9.109 719	60	0.890 281	9.996 430	1	664	8 47.2
337	9.106 208	59	9.109 779	60	0.890 221	9.996 429	1	663	9 53.1
338	9.106 267	59	9.109 839	60	0.890 161	9.996 428	1	662	
339	9.106 326	59	9.109 899	60	0.890 101	9.996 427	1	661	
.340	9.106 385	59	9.109 958	59	0.890 042	9.996 427	0	.660	58
341	9.106 444	59	9.110 018	60	0.889 982	9.996 426	1	659	1 5.8
342	9.106 503	59	9.110 078	60	0.889 922	9.996 425	1	658	2 11.6
343	9.106 561	58	9.110 138	60	0.889 862	9.996 424	1	657	3 17.4
344	9.106 620	59	9.110 198	60	0.889 802	9.996 423	1	656	4 23.2
345	9.106 679	59	9.110 257	59	0.889 743	9.996 422	1	655	5 29.0
346	9.106 738	59	9.110 317	60	0.889 683	9.996 421	1	654	6 34.8
347	9.106 797	59	9.110 377	60	0.889 623	9.996 420	1	653	7 40.6
348	9.106 855	58	9.110 437	60	0.889 563	9.996 419	1	652	8 46.4
349	9.106 914	59	9.110 496	59	0.889 504	9.996 418	1	651	9 52.2
.350	9.106 973	59	9.110 556	60	0.889 444	9.996 417	1	.650	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.350 — 7°.400

7°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.106 973		9.110 556		0.889 444	9.996 417		.650	
351	9.107 032	59	9.110 616	60	0.889 384	9.996 416	1	649	
352	9.107 090	58	9.110 676	60	0.889 324	9.996 415	1	648	
353	9.107 149	59	9.110 735	59	0.889 265	9.996 414	1	647	
		59		60			1		
354	9.107 208	59	9.110 795	60	0.889 205	9.996 413	1	646	
355	9.107 267	59	9.110 855	60	0.889 145	9.996 412	1	645	
356	9.107 325	58	9.110 914	59	0.889 086	9.996 411	1	644	
		59		60			1		
357	9.107 384	59	9.110 974	60	0.889 026	9.996 410	1	643	60
358	9.107 443	59	9.111 034	60	0.888 966	9.996 409	1	642	1 6.0
359	9.107 501	58	9.111 094	60	0.888 906	9.996 408	1	641	2 12.0
		59		59			1		3 18.0
.360	9.107 560	59	9.111 153	60	0.888 847	9.996 407	1	.640	4 24.0
		59		60			1		5 30.0
361	9.107 619	58	9.111 213	59	0.888 787	9.996 406	1	639	6 36.0
362	9.107 677	59	9.111 272	60	0.888 728	9.996 405	1	638	7 42.0
363	9.107 736	59	9.111 332	60	0.888 668	9.996 404	1	637	8 48.0
		59		60			1		9 54.0
364	9.107 795	58	9.111 392	59	0.888 608	9.996 403	1	636	
365	9.107 853	58	9.111 451	59	0.888 549	9.996 402	1	635	
366	9.107 912	59	9.111 511	60	0.888 489	9.996 401	1	634	
		59		60			1		
367	9.107 971	58	9.111 571	59	0.888 429	9.996 400	1	633	
368	9.108 029	58	9.111 630	59	0.888 370	9.996 399	1	632	
369	9.108 088	59	9.111 690	60	0.888 310	9.996 398	1	631	
		59		59			1		
.370	9.108 147	58	9.111 749	60	0.888 251	9.996 397	1	.630	
		59		60			1		59
371	9.108 205	59	9.111 809	60	0.888 191	9.996 396	1	629	
372	9.108 264	58	9.111 869	59	0.888 131	9.996 395	1	628	
373	9.108 322	58	9.111 928	59	0.888 072	9.996 394	1	627	1 5.9
		59		60			1		2 11.8
374	9.108 381	58	9.111 988	59	0.888 012	9.996 393	1	626	3 17.7
375	9.108 439	59	9.112 047	60	0.887 953	9.996 392	1	625	4 23.6
376	9.108 498	59	9.112 107	59	0.887 893	9.996 391	1	624	5 29.5
		59		59			1		6 35.4
377	9.108 557	58	9.112 166	60	0.887 834	9.996 390	1	623	7 41.3
378	9.108 615	58	9.112 226	60	0.887 774	9.996 389	1	622	8 47.2
379	9.108 674	59	9.112 285	59	0.887 715	9.996 388	1	621	9 53.1
		58		60			1		
.380	9.108 732	59	9.112 345	59	0.887 655	9.996 387	1	.620	
		58		60			1		
381	9.108 791	58	9.112 404	59	0.887 596	9.996 386	1	619	
382	9.108 849	59	9.112 464	60	0.887 536	9.996 385	1	618	
383	9.108 908	58	9.112 523	59	0.887 477	9.996 384	1	617	
		58		60			1		
384	9.108 966	59	9.112 583	59	0.887 417	9.996 383	1	616	
385	9.109 025	58	9.112 642	60	0.887 358	9.996 382	1	615	
386	9.109 083	59	9.112 702	59	0.887 298	9.996 381	1	614	
		59		59			1		58
387	9.109 142	58	9.112 761	60	0.887 239	9.996 380	1	613	1 5.8
388	9.109 200	58	9.112 821	59	0.887 179	9.996 379	1	612	2 11.6
389	9.109 259	59	9.112 880	59	0.887 120	9.996 379	0	611	3 17.4
		58		59			1		4 23.2
.390	9.109 317	58	9.112 939	60	0.887 061	9.996 378	1	.610	5 29.0
		58		60			1		6 34.8
391	9.109 375	59	9.112 999	59	0.887 001	9.996 377	1	609	7 40.6
392	9.109 434	58	9.113 058	60	0.886 942	9.996 376	1	608	8 46.4
393	9.109 492	59	9.113 118	59	0.886 882	9.996 375	1	607	9 52.2
		59		59			1		
394	9.109 551	58	9.113 177	60	0.886 823	9.996 374	1	606	
395	9.109 609	58	9.113 237	59	0.886 763	9.996 373	1	605	
396	9.109 668	59	9.113 296	59	0.886 704	9.996 372	1	604	
		58		59			1		
397	9.109 726	58	9.113 355	60	0.886 645	9.996 371	1	603	
398	9.109 784	58	9.113 415	59	0.886 585	9.996 370	1	602	
399	9.109 843	59	9.113 474	59	0.886 526	9.996 369	1	601	
		58		59			1		
.400	9.109 901	58	9.113 533	59	0.886 467	9.996 368	1	.600	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.650 — 82°.600

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.400 — 7°.450

7°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.109 901		9.113 533		0.886 467	9.996 368		.600	
401	9.109 959	58	9.113 593	60	0.886 407	9.996 367	1	599	
402	9.110 018	59	9.113 652	59	0.886 348	9.996 366	1	598	
403	9.110 076	58	9.113 711	59	0.886 289	9.996 365	1	597	
		58		60			1		
404	9.110 134		9.113 771		0.886 229	9.996 364	1	596	
405	9.110 193	59	9.113 830	59	0.886 170	9.996 363	1	595	
406	9.110 251	58	9.113 889	59	0.886 111	9.996 362	1	594	
		58		60			1		
407	9.110 309		9.113 949		0.886 051	9.996 361	1	593	
408	9.110 368	59	9.114 008	59	0.885 992	9.996 360	1	592	
409	9.110 426	58	9.114 067	59	0.885 933	9.996 359	1	591	
		58		59			1		
.410	9.110 484		9.114 126		0.885 874	9.996 358		.590	
		59		60			1		
411	9.110 543	58	9.114 186	59	0.885 814	9.996 357	1	589	
412	9.110 601	58	9.114 245	59	0.885 755	9.996 356	1	588	
413	9.110 659	58	9.114 304	59	0.885 696	9.996 355	1	587	
		58		59			1		
414	9.110 717		9.114 363		0.885 637	9.996 354	1	586	
415	9.110 776	59	9.114 423	60	0.885 577	9.996 353	1	585	
416	9.110 834	58	9.114 482	59	0.885 518	9.996 352	1	584	
		58		59			1		
417	9.110 892		9.114 541		0.885 459	9.996 351	1	583	
418	9.110 950	58	9.114 600	59	0.885 400	9.996 350	1	582	
419	9.111 008	58	9.114 659	59	0.885 341	9.996 349	1	581	
		59		60			1		
.420	9.111 067		9.114 719		0.885 281	9.996 348		.580	
		58		59			1		
421	9.111 125	58	9.114 778	59	0.885 222	9.996 347	1	579	
422	9.111 183	58	9.114 837	59	0.885 163	9.996 346	1	578	
423	9.111 241	58	9.114 896	59	0.885 104	9.996 345	1	577	
		58		59			1		
424	9.111 299		9.114 955		0.885 045	9.996 344	1	576	
425	9.111 358	59	9.115 015	60	0.884 985	9.996 343	1	575	
426	9.111 416	58	9.115 074	59	0.884 926	9.996 342	1	574	
		58		59			1		
427	9.111 474		9.115 133		0.884 867	9.996 341	1	573	
428	9.111 532	58	9.115 192	59	0.884 808	9.996 340	1	572	
429	9.111 590	58	9.115 251	59	0.884 749	9.996 339	1	571	
		58		59			1		
.430	9.111 648		9.115 310		0.884 690	9.996 338		.570	
		58		59			1		
431	9.111 706	59	9.115 369	59	0.884 631	9.996 337	1	569	
432	9.111 765	58	9.115 428	59	0.884 572	9.996 336	1	568	
433	9.111 823	58	9.115 487	59	0.884 513	9.996 335	1	567	
		58		60			1		
434	9.111 881		9.115 547		0.884 453	9.996 334	1	566	
435	9.111 939	58	9.115 606	59	0.884 394	9.996 333	1	565	
436	9.111 997	58	9.115 665	59	0.884 335	9.996 332	1	564	
		58		59			1		
437	9.112 055		9.115 724		0.884 276	9.996 331	1	563	
438	9.112 113	58	9.115 783	59	0.884 217	9.996 330	1	562	
439	9.112 171	58	9.115 842	59	0.884 158	9.996 329	1	561	
		58		59			1		
.440	9.112 229		9.115 901		0.884 099	9.996 328		.560	
		58		59			1		
441	9.112 287	58	9.115 960	59	0.884 040	9.996 327	1	559	
442	9.112 345	58	9.116 019	59	0.883 981	9.996 326	1	558	
443	9.112 403	58	9.116 078	59	0.883 922	9.996 325	1	557	
		58		59			1		
444	9.112 461		9.116 137		0.883 863	9.996 324	1	556	
445	9.112 519	58	9.116 196	59	0.883 804	9.996 323	1	555	
446	9.112 577	58	9.116 255	59	0.883 745	9.996 322	1	554	
		58		59			1		
447	9.112 635		9.116 314		0.883 686	9.996 321	1	553	
448	9.112 693	58	9.116 373	59	0.883 627	9.996 320	1	552	
449	9.112 751	58	9.116 432	59	0.883 568	9.996 319	1	551	
		58		59			1		
.450	9.112 809		9.116 491		0.883 509	9.996 318		.550	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.600 — 82°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.450 — 7°.500

7°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.112 809		9.116 491		0.883 509	9.996 318		.550	
451	9.112 867	58	9.116 550	59	0.883 450	9.996 317	1	549	
452	9.112 925	58	9.116 609	59	0.883 391	9.996 316	1	548	
453	9.112 983	58	9.116 668	59	0.883 332	9.996 315	1	547	
454	9.113 041	58	9.116 727	59	0.883 273	9.996 314	1	546	
455	9.113 099	58	9.116 786	59	0.883 214	9.996 313	1	545	
456	9.113 157	58	9.116 844	58	0.883 156	9.996 312	1	544	
457	9.113 215	58	9.116 903	59	0.883 097	9.996 311	1	543	59
458	9.113 273	58	9.116 962	59	0.883 038	9.996 310	1	542	1 5.9
459	9.113 331	58	9.117 021	59	0.882 979	9.996 309	1	541	2 11.8
.460	9.113 388	57	9.117 080	59	0.882 920	9.996 308	1	.540	3 17.7
461	9.113 446	58	9.117 139	59	0.882 861	9.996 307	1	539	4 23.6
462	9.113 504	58	9.117 198	59	0.882 802	9.996 306	1	538	5 29.5
463	9.113 562	58	9.117 257	59	0.882 743	9.996 305	1	537	6 35.4
464	9.113 620	58	9.117 316	59	0.882 684	9.996 304	1	536	7 41.3
465	9.113 678	58	9.117 374	58	0.882 626	9.996 303	1	535	8 47.2
466	9.113 736	58	9.117 433	59	0.882 567	9.996 302	1	534	9 53.1
467	9.113 793	57	9.117 492	59	0.882 508	9.996 301	1	533	
468	9.113 851	58	9.117 551	59	0.882 449	9.996 300	1	532	
469	9.113 909	58	9.117 610	59	0.882 390	9.996 299	1	531	
.470	9.113 967	58	9.117 668	58	0.882 332	9.996 298	1	.530	
471	9.114 025	58	9.117 727	59	0.882 273	9.996 297	1	529	58
472	9.114 083	58	9.117 786	59	0.882 214	9.996 296	1	528	1 5.8
473	9.114 140	57	9.117 845	59	0.882 155	9.996 295	1	527	2 11.6
474	9.114 198	58	9.117 904	59	0.882 096	9.996 294	1	526	3 17.4
475	9.114 256	58	9.117 962	58	0.882 038	9.996 293	1	525	4 23.2
476	9.114 314	58	9.118 021	59	0.881 979	9.996 292	1	524	5 29.0
477	9.114 371	57	9.118 080	59	0.881 920	9.996 291	1	523	6 34.8
478	9.114 429	58	9.118 139	59	0.881 861	9.996 290	1	522	7 40.6
479	9.114 487	58	9.118 197	58	0.881 803	9.996 289	1	521	8 46.4
.480	9.114 545	58	9.118 256	59	0.881 744	9.996 288	1	.520	9 52.2
481	9.114 602	57	9.118 315	59	0.881 685	9.996 288	0	519	
482	9.114 660	58	9.118 374	59	0.881 626	9.996 287	1	518	
483	9.114 718	58	9.118 432	58	0.881 568	9.996 286	1	517	
484	9.114 775	57	9.118 491	59	0.881 509	9.996 285	1	516	
485	9.114 833	58	9.118 550	59	0.881 450	9.996 284	1	515	
486	9.114 891	58	9.118 608	58	0.881 392	9.996 283	1	514	57
487	9.114 949	58	9.118 667	59	0.881 333	9.996 282	1	513	1 5.7
488	9.115 006	57	9.118 726	59	0.881 274	9.996 281	1	512	2 11.4
489	9.115 064	58	9.118 784	58	0.881 216	9.996 280	1	511	3 17.1
.490	9.115 122	58	9.118 843	59	0.881 157	9.996 279	1	.510	4 22.8
491	9.115 179	57	9.118 902	59	0.881 098	9.996 278	1	509	5 28.5
492	9.115 237	58	9.118 960	58	0.881 040	9.996 277	1	508	6 34.2
493	9.115 294	57	9.119 019	59	0.880 981	9.996 276	1	507	7 39.9
494	9.115 352	58	9.119 078	59	0.880 922	9.996 275	1	506	8 45.6
495	9.115 410	58	9.119 136	58	0.880 864	9.996 274	1	505	9 51.3
496	9.115 467	57	9.119 195	59	0.880 805	9.996 273	1	504	
497	9.115 525	58	9.119 253	58	0.880 747	9.996 272	1	503	
498	9.115 583	58	9.119 312	59	0.880 688	9.996 271	1	502	
499	9.115 640	57	9.119 371	59	0.880 629	9.996 270	1	501	
.500	9.115 698	58	9.119 429	58	0.880 571	9.996 269	1	.500	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.550 — 82°.500

7°.500 — 7°.550

7°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.115 698		9.119 429		0.880 571	9.996 269		.500	
501	9.115 755	57	9.119 488	59	0.880 512	9.996 268	1	499	
502	9.115 813	58	9.119 546	58	0.880 454	9.996 267	1	498	
503	9.115 870	57	9.119 605	59	0.880 395	9.996 266	1	497	
		58		58			1		
504	9.115 928		9.119 663		0.880 337	9.996 265	1	496	
505	9.115 985	57	9.119 722	59	0.880 278	9.996 264	1	495	
506	9.116 043	58	9.119 780	58	0.880 220	9.996 263	1	494	
		58		59			1		
507	9.116 101		9.119 839		0.880 161	9.996 262	1	493	59
508	9.116 158	57	9.119 897	58	0.880 103	9.996 261	1	492	1 5.9
509	9.116 216	58	9.119 956	59	0.880 044	9.996 260	1	491	2 11.8
		57		58			1		3 17.7
.510	9.116 273		9.120 014		0.879 986	9.996 259	1	.490	4 23.6
		58		59			1		5 29.5
511	9.116 331		9.120 073		0.879 927	9.996 258	1	489	6 35.4
512	9.116 388	57	9.120 131	58	0.879 869	9.996 257	1	488	7 41.3
513	9.116 445	57	9.120 190	59	0.879 810	9.996 256	1	487	8 47.2
		58		58			1		9 53.1
514	9.116 503		9.120 248		0.879 752	9.996 255	1	486	
515	9.116 560	57	9.120 307	59	0.879 693	9.996 254	1	485	
516	9.116 618	58	9.120 365	58	0.879 635	9.996 253	1	484	
		57		59			1		
517	9.116 675		9.120 424		0.879 576	9.996 252	1	483	
518	9.116 733	58	9.120 482	58	0.879 518	9.996 251	1	482	
519	9.116 790	57	9.120 541	59	0.879 459	9.996 250	1	481	
		58		58			1		
.520	9.116 848		9.120 599		0.879 401	9.996 249	1	.480	
		57		58			1		58
521	9.116 905		9.120 657		0.879 343	9.996 248	1	479	
522	9.116 962	57	9.120 716	59	0.879 284	9.996 247	1	478	
523	9.117 020	58	9.120 774	58	0.879 226	9.996 246	1	477	1 5.8
		57		59			1		2 11.6
524	9.117 077		9.120 833		0.879 167	9.996 245	1	476	3 17.4
525	9.117 135	58	9.120 891	58	0.879 109	9.996 244	1	475	4 23.2
526	9.117 192	57	9.120 949	58	0.879 051	9.996 243	1	474	5 29.0
		57		59			1		6 34.8
527	9.117 249		9.121 008		0.878 992	9.996 242	1	473	7 40.6
528	9.117 307	58	9.121 066	58	0.878 934	9.996 241	1	472	8 46.4
529	9.117 364	57	9.121 125	59	0.878 875	9.996 240	1	471	9 52.2
		57		58			1		
.530	9.117 421		9.121 183		0.878 817	9.996 239	1	.470	
		58		58			1		
531	9.117 479		9.121 241		0.878 759	9.996 238	1	469	
532	9.117 536	57	9.121 300	59	0.878 700	9.996 237	1	468	
533	9.117 593	57	9.121 358	58	0.878 642	9.996 236	1	467	
		58		58			1		
534	9.117 651		9.121 416		0.878 584	9.996 235	1	466	
535	9.117 708	57	9.121 474	58	0.878 526	9.996 234	1	465	
536	9.117 765	57	9.121 533	59	0.878 467	9.996 233	1	464	
		58		58			1		57
537	9.117 823		9.121 591		0.878 409	9.996 232	1	463	1 5.7
538	9.117 880	57	9.121 649	58	0.878 351	9.996 231	1	462	2 11.4
539	9.117 937	57	9.121 708	59	0.878 292	9.996 230	1	461	3 17.1
		57		58			1		4 22.8
.540	9.117 994		9.121 766		0.878 234	9.996 229	1	.460	5 28.5
		58		58			1		6 34.2
541	9.118 052		9.121 824		0.878 176	9.996 228	1	459	7 39.9
542	9.118 109	57	9.121 882	58	0.878 118	9.996 227	1	458	8 45.6
543	9.118 166	57	9.121 941	59	0.878 059	9.996 226	1	457	9 51.3
		57		58			1		
544	9.118 223		9.121 999		0.878 001	9.996 225	1	456	
545	9.118 281	58	9.122 057	58	0.877 943	9.996 224	1	455	
546	9.118 338	57	9.122 115	58	0.877 885	9.996 223	1	454	
		57		59			1		
547	9.118 395		9.122 174		0.877 826	9.996 222	1	453	
548	9.118 452	57	9.122 232	58	0.877 768	9.996 221	1	452	
549	9.118 510	58	9.122 290	58	0.877 710	9.996 220	1	451	
		57		58			1		
.550	9.118 567		9.122 348		0.877 652	9.996 219	1	.450	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.500 — 82°.450

7°.550 — 7°.600

7°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.118 567		9.122 348		0.877 652	9.996 219		.450	
551	9.118 624	57	9.122 406	58	0.877 594	9.996 217	2	449	
552	9.118 681	57	9.122 465	59	0.877 535	9.996 216	1	448	
553	9.118 738	57	9.122 523	58	0.877 477	9.996 215	1	447	
							1		59
554	9.118 795	57	9.122 581	58	0.877 419	9.996 214	1	446	
555	9.118 853	58	9.122 639	58	0.877 361	9.996 213	1	445	1 5.9
556	9.118 910	57	9.122 697	58	0.877 303	9.996 212	1	444	2 11.8
							1		3 17.7
557	9.118 967	57	9.122 755	58	0.877 245	9.996 211	1	443	4 23.6
558	9.119 024	57	9.122 814	59	0.877 186	9.996 210	1	442	5 29.5
559	9.119 081	57	9.122 872	58	0.877 128	9.996 209	1	441	6 35.4
							1		7 41.3
.560	9.119 138	57	9.122 930	58	0.877 070	9.996 208	1	.440	8 47.2
							1		9 53.1
561	9.119 195	57	9.122 988	58	0.877 012	9.996 207	1	439	
562	9.119 252	57	9.123 046	58	0.876 954	9.996 206	1	438	
563	9.119 310	58	9.123 104	58	0.876 896	9.996 205	1	437	
							1		
564	9.119 367	57	9.123 162	58	0.876 838	9.996 204	1	436	
565	9.119 424	57	9.123 220	58	0.876 780	9.996 203	1	435	
566	9.119 481	57	9.123 278	58	0.876 722	9.996 202	1	434	58
							1		
567	9.119 538	57	9.123 336	58	0.876 664	9.996 201	1	433	1 5.8
568	9.119 595	57	9.123 395	59	0.876 605	9.996 200	1	432	2 11.6
569	9.119 652	57	9.123 453	58	0.876 547	9.996 199	1	431	3 17.4
							1		4 23.2
.570	9.119 709	57	9.123 511	58	0.876 489	9.996 198	1	.430	5 29.0
							1		6 34.8
571	9.119 766	57	9.123 569	58	0.876 431	9.996 197	1	429	7 40.6
572	9.119 823	57	9.123 627	58	0.876 373	9.996 196	1	428	8 46.4
573	9.119 880	57	9.123 685	58	0.876 315	9.996 195	1	427	9 52.2
							1		
574	9.119 937	57	9.123 743	58	0.876 257	9.996 194	1	426	
575	9.119 994	57	9.123 801	58	0.876 199	9.996 193	1	425	
576	9.120 051	57	9.123 859	58	0.876 141	9.996 192	1	424	
							1		
577	9.120 108	57	9.123 917	58	0.876 083	9.996 191	1	423	57
578	9.120 165	57	9.123 975	58	0.876 025	9.996 190	1	422	
579	9.120 222	57	9.124 033	58	0.875 967	9.996 189	1	421	1 5.7
							1		2 11.4
.580	9.120 279	57	9.124 091	58	0.875 909	9.996 188	1	.420	3 17.1
							1		4 22.8
581	9.120 336	57	9.124 149	58	0.875 851	9.996 187	1	419	5 28.5
582	9.120 393	57	9.124 207	58	0.875 793	9.996 186	1	418	6 34.2
583	9.120 450	57	9.124 265	58	0.875 735	9.996 185	1	417	7 39.9
							1		8 45.6
584	9.120 507	57	9.124 322	57	0.875 678	9.996 184	1	416	9 51.3
585	9.120 564	57	9.124 380	58	0.875 620	9.996 183	1	415	
586	9.120 621	57	9.124 438	58	0.875 562	9.996 182	1	414	
							1		
587	9.120 678	57	9.124 496	58	0.875 504	9.996 181	1	413	
588	9.120 734	56	9.124 554	58	0.875 446	9.996 180	1	412	
589	9.120 791	57	9.124 612	58	0.875 388	9.996 179	1	411	
							1		56
.590	9.120 848	57	9.124 670	58	0.875 330	9.996 178	1	.410	1 5.6
							1		2 11.2
591	9.120 905	57	9.124 728	58	0.875 272	9.996 177	1	409	3 16.8
592	9.120 962	57	9.124 786	58	0.875 214	9.996 176	1	408	4 22.4
593	9.121 019	57	9.124 844	58	0.875 156	9.996 175	1	407	5 28.0
							1		6 33.6
594	9.121 076	57	9.124 902	58	0.875 098	9.996 174	1	406	7 39.2
595	9.121 133	57	9.124 959	57	0.875 041	9.996 173	1	405	8 44.8
596	9.121 189	56	9.125 017	58	0.874 983	9.996 172	1	404	9 50.4
							1		
597	9.121 246	57	9.125 075	58	0.874 925	9.996 171	1	403	
598	9.121 303	57	9.125 133	58	0.874 867	9.996 170	1	402	
599	9.121 360	57	9.125 191	58	0.874 809	9.996 169	1	401	
							1		
.600	9.121 417	57	9.125 249	58	0.874 751	9.996 168	1	.400	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.600 — 7°.650

7°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.121 417	56	9.125 249	57	0.874 751	9.996 168	1	.400	
601	9.121 473	57	9.125 306	58	0.874 694	9.996 167	1	399	
602	9.121 530	57	9.125 364	58	0.874 636	9.996 166	1	398	
603	9.121 587	57	9.125 422	58	0.874 578	9.996 165	1	397	
604	9.121 644	57	9.125 480	58	0.874 520	9.996 164	1	396	
605	9.121 701	57	9.125 538	58	0.874 462	9.996 163	1	395	
606	9.121 757	56	9.125 595	57	0.874 405	9.996 162	1	394	
607	9.121 814	57	9.125 653	58	0.874 347	9.996 161	1	393	58
608	9.121 871	57	9.125 711	58	0.874 289	9.996 160	1	392	1 5.8
609	9.121 928	57	9.125 769	58	0.874 231	9.996 159	1	391	2 11.6
.610	9.121 984	56	9.125 826	57	0.874 174	9.996 158	1	.390	3 17.4
611	9.122 041	57	9.125 884	58	0.874 116	9.996 157	1	389	4 23.2
612	9.122 098	57	9.125 942	58	0.874 058	9.996 156	1	388	5 29.0
613	9.122 155	57	9.126 000	58	0.874 000	9.996 155	1	387	6 34.8
614	9.122 211	56	9.126 057	57	0.873 943	9.996 154	1	386	7 40.6
615	9.122 268	57	9.126 115	58	0.873 885	9.996 153	1	385	8 46.4
616	9.122 325	57	9.126 173	58	0.873 827	9.996 152	1	384	9 52.2
617	9.122 381	56	9.126 230	57	0.873 770	9.996 151	1	383	
618	9.122 438	57	9.126 288	58	0.873 712	9.996 150	1	382	
619	9.122 495	57	9.126 346	58	0.873 654	9.996 149	1	381	
.620	9.122 551	56	9.126 403	57	0.873 597	9.996 148	1	.380	
621	9.122 608	57	9.126 461	58	0.873 539	9.996 147	1	379	57
622	9.122 665	57	9.126 519	58	0.873 481	9.996 146	1	378	
623	9.122 721	56	9.126 576	57	0.873 424	9.996 145	1	377	1 5.7
624	9.122 778	57	9.126 634	58	0.873 366	9.996 144	1	376	2 11.4
625	9.122 835	57	9.126 692	58	0.873 308	9.996 143	1	375	3 17.1
626	9.122 891	56	9.126 749	57	0.873 251	9.996 142	1	374	4 22.8
627	9.122 948	57	9.126 807	58	0.873 193	9.996 141	1	373	5 28.5
628	9.123 004	56	9.126 865	58	0.873 135	9.996 140	1	372	6 34.2
629	9.123 061	57	9.126 922	57	0.873 078	9.996 139	1	371	7 39.9
.630	9.123 118	57	9.126 980	58	0.873 020	9.996 138	1	.370	8 45.6
631	9.123 174	56	9.127 037	57	0.872 963	9.996 137	1	369	9 51.3
632	9.123 231	57	9.127 095	58	0.872 905	9.996 136	1	368	
633	9.123 287	56	9.127 153	58	0.872 847	9.996 135	1	367	
634	9.123 344	57	9.127 210	57	0.872 790	9.996 134	1	366	
635	9.123 400	56	9.127 268	58	0.872 732	9.996 133	1	365	
636	9.123 457	57	9.127 325	57	0.872 675	9.996 132	1	364	56
637	9.123 513	56	9.127 383	58	0.872 617	9.996 131	1	363	1 5.6
638	9.123 570	57	9.127 440	57	0.872 560	9.996 130	1	362	2 11.2
639	9.123 626	56	9.127 498	58	0.872 502	9.996 129	1	361	3 16.8
.640	9.123 683	57	9.127 555	57	0.872 445	9.996 128	1	.360	4 22.4
641	9.123 739	56	9.127 613	58	0.872 387	9.996 127	1	359	5 28.0
642	9.123 796	57	9.127 670	57	0.872 330	9.996 126	1	358	6 33.6
643	9.123 852	56	9.127 728	58	0.872 272	9.996 124	2	357	7 39.2
644	9.123 909	57	9.127 785	57	0.872 215	9.996 123	1	356	8 44.8
645	9.123 965	56	9.127 843	58	0.872 157	9.996 122	1	355	9 50.4
646	9.124 022	57	9.127 900	57	0.872 100	9.996 121	1	354	
647	9.124 078	56	9.127 958	58	0.872 042	9.996 120	1	353	
648	9.124 135	57	9.128 015	57	0.871 985	9.996 119	1	352	
649	9.124 191	56	9.128 073	58	0.871 927	9.996 118	1	351	
.650	9.124 248	57	9.128 130	57	0.871 870	9.996 117	1	.350	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.400 — 82°.350

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.650 — 7°.700

7°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.124 248		9.128 130		0.871 870	9.996 117		.350	
651	9.124 304	56	9.128 188	58	0.871 812	9.996 116	1	349	
652	9.124 361	57	9.128 245	57	0.871 755	9.996 115	1	348	
653	9.124 417	56	9.128 303	58	0.871 697	9.996 114	1	347	
654	9.124 473	56	9.128 360	57	0.871 640	9.996 113	1	346	
655	9.124 530	57	9.128 417	57	0.871 583	9.996 112	1	345	
656	9.124 586	56	9.128 475	58	0.871 525	9.996 111	1	344	
657	9.124 643	57	9.128 532	57	0.871 468	9.996 110	1	343	58
658	9.124 699	56	9.128 590	58	0.871 410	9.996 109	1	342	1 5.8
659	9.124 755	56	9.128 647	57	0.871 353	9.996 108	1	341	2 11.6
.660	9.124 812	57	9.128 704	57	0.871 296	9.996 107	1	.340	3 17.4
661	9.124 868	56	9.128 762	58	0.871 238	9.996 106	1	339	4 23.2
662	9.124 924	56	9.128 819	57	0.871 181	9.996 105	1	338	5 29.0
663	9.124 981	57	9.128 877	58	0.871 123	9.996 104	1	337	6 34.8
664	9.125 037	56	9.128 934	57	0.871 066	9.996 103	1	336	7 40.6
665	9.125 093	56	9.128 991	57	0.871 009	9.996 102	1	335	8 46.4
666	9.125 150	57	9.129 049	58	0.870 951	9.996 101	1	334	9 52.2
667	9.125 206	56	9.129 106	57	0.870 894	9.996 100	1	333	
668	9.125 262	56	9.129 163	57	0.870 837	9.996 099	1	332	
669	9.125 319	57	9.129 221	58	0.870 779	9.996 098	1	331	
.670	9.125 375	56	9.129 278	57	0.870 722	9.996 097	1	.330	
671	9.125 431	56	9.129 335	57	0.870 665	9.996 096	1	329	57
672	9.125 487	56	9.129 392	57	0.870 608	9.996 095	1	328	
673	9.125 544	57	9.129 450	58	0.870 550	9.996 094	1	327	1 5.7
674	9.125 600	56	9.129 507	57	0.870 493	9.996 093	1	326	2 11.4
675	9.125 656	56	9.129 564	57	0.870 436	9.996 092	1	325	3 17.1
676	9.125 712	56	9.129 622	58	0.870 378	9.996 091	1	324	4 22.8
677	9.125 769	57	9.129 679	57	0.870 321	9.996 090	1	323	5 28.5
678	9.125 825	56	9.129 736	57	0.870 264	9.996 089	1	322	6 34.2
679	9.125 881	56	9.129 793	57	0.870 207	9.996 088	1	321	7 39.9
.680	9.125 937	56	9.129 851	58	0.870 149	9.996 087	1	.320	8 45.6
681	9.125 994	57	9.129 908	57	0.870 092	9.996 086	1	319	9 51.3
682	9.126 050	56	9.129 965	57	0.870 035	9.996 085	1	318	
683	9.126 106	56	9.130 022	57	0.869 978	9.996 084	1	317	
684	9.126 162	56	9.130 079	57	0.869 921	9.996 083	1	316	
685	9.126 218	56	9.130 137	58	0.869 863	9.996 082	1	315	
686	9.126 274	56	9.130 194	57	0.869 806	9.996 081	1	314	56
687	9.126 331	57	9.130 251	57	0.869 749	9.996 080	1	313	1 5.6
688	9.126 387	56	9.130 308	57	0.869 692	9.996 079	1	312	2 11.2
689	9.126 443	56	9.130 365	57	0.869 635	9.996 078	1	311	3 16.8
.690	9.126 499	56	9.130 423	58	0.869 577	9.996 077	1	.310	4 22.4
691	9.126 555	56	9.130 480	57	0.869 520	9.996 076	1	309	5 28.0
692	9.126 611	56	9.130 537	57	0.869 463	9.996 074	2	308	6 33.6
693	9.126 667	56	9.130 594	57	0.869 406	9.996 073	1	307	7 39.2
694	9.126 724	57	9.130 651	57	0.869 349	9.996 072	1	306	8 44.8
695	9.126 780	56	9.130 708	57	0.869 292	9.996 071	1	305	9 50.4
696	9.126 836	56	9.130 765	57	0.869 235	9.996 070	1	304	
697	9.126 892	56	9.130 822	57	0.869 178	9.996 069	1	303	
698	9.126 948	56	9.130 880	58	0.869 120	9.996 068	1	302	
699	9.127 004	56	9.130 937	57	0.869 063	9.996 067	1	301	
.700	9.127 060	56	9.130 994	57	0.869 006	9.996 066	1	.300	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.350 — 82°.300

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.700 — 7°.750

7°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.127 060		9.130 994		0.869 006	9.996 066		.300	
701	9.127 116	56	9.131 051	57	0.868 949	9.996 065	1	299	
702	9.127 172	56	9.131 108	57	0.868 892	9.996 064	1	298	
703	9.127 228	56	9.131 165	57	0.868 835	9.996 063	1	297	
704	9.127 284	56	9.131 222	57	0.868 778	9.996 062	1	296	
705	9.127 340	56	9.131 279	57	0.868 721	9.996 061	1	295	
706	9.127 396	56	9.131 336	57	0.868 664	9.996 060	1	294	
707	9.127 452	56	9.131 393	57	0.868 607	9.996 059	1	293	57
708	9.127 508	56	9.131 450	57	0.868 550	9.996 058	1	292	1 5.7
709	9.127 564	56	9.131 507	57	0.868 493	9.996 057	1	291	2 11.4
.710	9.127 620	56	9.131 564	57	0.868 436	9.996 056	1	.290	3 17.1
711	9.127 676	56	9.131 621	57	0.868 379	9.996 055	1	289	4 22.8
712	9.127 732	56	9.131 678	57	0.868 322	9.996 054	1	288	5 28.5
713	9.127 788	56	9.131 735	57	0.868 265	9.996 053	1	287	6 34.2
714	9.127 844	56	9.131 792	57	0.868 208	9.996 052	1	286	7 39.9
715	9.127 900	56	9.131 849	57	0.868 151	9.996 051	1	285	8 45.6
716	9.127 956	56	9.131 906	57	0.868 094	9.996 050	1	284	9 51.3
717	9.128 012	56	9.131 963	57	0.868 037	9.996 049	1	283	
718	9.128 068	56	9.132 020	57	0.867 980	9.996 048	1	282	
719	9.128 124	56	9.132 077	57	0.867 923	9.996 047	1	281	
.720	9.128 180	56	9.132 134	57	0.867 866	9.996 046	1	.280	
721	9.128 236	56	9.132 191	57	0.867 809	9.996 045	1	279	56
722	9.128 292	56	9.132 248	57	0.867 752	9.996 044	1	278	1 5.6
723	9.128 348	56	9.132 305	57	0.867 695	9.996 043	1	277	2 11.2
724	9.128 403	55	9.132 362	57	0.867 638	9.996 042	1	276	3 16.8
725	9.128 459	56	9.132 419	57	0.867 581	9.996 041	1	275	4 22.4
726	9.128 515	56	9.132 476	57	0.867 524	9.996 040	1	274	5 28.0
727	9.128 571	56	9.132 532	56	0.867 468	9.996 039	1	273	6 33.6
728	9.128 627	56	9.132 589	57	0.867 411	9.996 038	1	272	7 39.2
729	9.128 683	56	9.132 646	57	0.867 354	9.996 037	1	271	8 44.8
.730	9.128 739	56	9.132 703	57	0.867 297	9.996 035	2	.270	9 50.4
731	9.128 794	55	9.132 760	57	0.867 240	9.996 034	1	269	
732	9.128 850	56	9.132 817	57	0.867 183	9.996 033	1	268	
733	9.128 906	56	9.132 874	57	0.867 126	9.996 032	1	267	
734	9.128 962	56	9.132 931	57	0.867 069	9.996 031	1	266	
735	9.129 018	56	9.132 987	56	0.867 013	9.996 030	1	265	
736	9.129 073	55	9.133 044	57	0.866 956	9.996 029	1	264	55
737	9.129 129	56	9.133 101	57	0.866 899	9.996 028	1	263	1 5.5
738	9.129 185	56	9.133 158	57	0.866 842	9.996 027	1	262	2 11.0
739	9.129 241	56	9.133 215	57	0.866 785	9.996 026	1	261	3 16.5
.740	9.129 297	56	9.133 271	56	0.866 729	9.996 025	1	.260	4 22.0
741	9.129 352	55	9.133 328	57	0.866 672	9.996 024	1	259	5 27.5
742	9.129 408	56	9.133 385	57	0.866 615	9.996 023	1	258	6 33.0
743	9.129 464	56	9.133 442	57	0.866 558	9.996 022	1	257	7 38.5
744	9.129 520	56	9.133 499	57	0.866 501	9.996 021	1	256	8 44.0
745	9.129 575	55	9.133 555	56	0.866 445	9.996 020	1	255	9 49.5
746	9.129 631	56	9.133 612	57	0.866 388	9.996 019	1	254	
747	9.129 687	56	9.133 669	57	0.866 331	9.996 018	1	253	
748	9.129 743	56	9.133 726	57	0.866 274	9.996 017	1	252	
749	9.129 798	55	9.133 782	56	0.866 218	9.996 016	1	251	
.750	9.129 854	56	9.133 839	57	0.866 161	9.996 015	1	.250	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.300 — 82°.250

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.750 — 7°.800

7°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.129 854		9.133 839		0.866 161	9.996 015		.250	
751	9.129 910	56	9.133 896	57	0.866 104	9.996 014	1	249	
752	9.129 965	55	9.133 953	57	0.866 047	9.996 013	1	248	
753	9.130 021	56	9.134 009	56	0.865 991	9.996 012	1	247	
		56		57			1		
754	9.130 077	56	9.134 066	57	0.865 934	9.996 011	1	246	
755	9.130 132	55	9.134 123	57	0.865 877	9.996 010	1	245	
756	9.130 188	56	9.134 179	56	0.865 821	9.996 009	1	244	
		56		57			1		
757	9.130 244	56	9.134 236	57	0.865 764	9.996 008	1	243	57
758	9.130 299	55	9.134 293	57	0.865 707	9.996 007	1	242	1 5.7
759	9.130 355	56	9.134 349	56	0.865 651	9.996 006	1	241	2 11.4
		56		57			1		3 17.1
.760	9.130 411	55	9.134 406	57	0.865 594	9.996 005	1	.240	4 22.8
		55		57			1		5 28.5
761	9.130 466	56	9.134 463	56	0.865 537	9.996 004	2	239	6 34.2
762	9.130 522	56	9.134 519	56	0.865 481	9.996 002	1	238	7 39.9
763	9.130 577	55	9.134 576	57	0.865 424	9.996 001	1	237	8 45.6
		56		57			1		9 51.3
764	9.130 633	56	9.134 633	57	0.865 367	9.996 000	1	236	
765	9.130 689	56	9.134 689	56	0.865 311	9.995 999	1	235	
766	9.130 744	55	9.134 746	57	0.865 254	9.995 998	1	234	
		56		56			1		
767	9.130 800	56	9.134 802	56	0.865 198	9.995 997	1	233	
768	9.130 855	55	9.134 859	57	0.865 141	9.995 996	1	232	
769	9.130 911	56	9.134 916	57	0.865 084	9.995 995	1	231	
		55		56			1		
.770	9.130 966	56	9.134 972	57	0.865 028	9.995 994	1	.230	
		56		57			1		56
771	9.131 022	55	9.135 029	56	0.864 971	9.995 993	1	229	1 5.6
772	9.131 077	56	9.135 085	57	0.864 915	9.995 992	1	228	2 11.2
773	9.131 133	56	9.135 142	57	0.864 858	9.995 991	1	227	3 16.8
		56		56			1		4 22.4
774	9.131 189	55	9.135 198	57	0.864 802	9.995 990	1	226	5 28.0
775	9.131 244	56	9.135 255	57	0.864 745	9.995 989	1	225	6 33.6
776	9.131 300	56	9.135 312	57	0.864 688	9.995 988	1	224	7 39.2
		55		56			1		8 44.8
777	9.131 355	56	9.135 368	57	0.864 632	9.995 987	1	223	9 50.4
778	9.131 411	56	9.135 425	57	0.864 575	9.995 986	1	222	
779	9.131 466	55	9.135 481	56	0.864 519	9.995 985	1	221	
		56		57			1		
.780	9.131 522	55	9.135 538	56	0.864 462	9.995 984	1	.220	
		55		57			1		
781	9.131 577	56	9.135 594	57	0.864 406	9.995 983	1	219	
782	9.131 632	56	9.135 651	56	0.864 349	9.995 982	1	218	
783	9.131 688	55	9.135 707	56	0.864 293	9.995 981	1	217	
		55		57			1		
784	9.131 743	56	9.135 764	56	0.864 236	9.995 980	1	216	
785	9.131 799	55	9.135 820	57	0.864 180	9.995 979	1	215	
786	9.131 854	56	9.135 877	56	0.864 123	9.995 978	1	214	
		56		56			1		55
787	9.131 910	55	9.135 933	57	0.864 067	9.995 977	1	213	1 5.5
788	9.131 965	56	9.135 990	57	0.864 010	9.995 976	1	212	2 11.0
789	9.132 021	56	9.136 046	56	0.863 954	9.995 975	1	211	3 16.5
		55		56			1		4 22.0
.790	9.132 076	55	9.136 102	57	0.863 898	9.995 974	2	.210	5 27.5
		55		57			2		6 33.0
791	9.132 131	56	9.136 159	56	0.863 841	9.995 972	1	209	7 38.5
792	9.132 187	55	9.136 215	57	0.863 785	9.995 971	1	208	8 44.0
793	9.132 242	56	9.136 272	56	0.863 728	9.995 970	1	207	9 49.5
		56		56			1		
794	9.132 298	55	9.136 328	57	0.863 672	9.995 969	1	206	
795	9.132 353	55	9.136 385	56	0.863 615	9.995 968	1	205	
796	9.132 408	56	9.136 441	56	0.863 559	9.995 967	1	204	
		56		56			1		
797	9.132 464	55	9.136 497	57	0.863 503	9.995 966	1	203	
798	9.132 519	55	9.136 554	57	0.863 446	9.995 965	1	202	
799	9.132 574	56	9.136 610	56	0.863 390	9.995 964	1	201	
		56		57			1		
.800	9.132 630	55	9.136 667	57	0.863 333	9.995 963	1	.200	
		55		57			1		
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.250 — 82°.200

7°.800 — 7°.850

7°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.132 630		9.136 667		0.863 333	9.995 963		.200	
801	9.132 685	55	9.136 723	56	0.863 277	9.995 962	1	199	
802	9.132 740	55	9.136 779	56	0.863 221	9.995 961	1	198	
803	9.132 796	56	9.136 836	57	0.863 164	9.995 960	1	197	
804	9.132 851	55	9.136 892	56	0.863 108	9.995 959	1	196	
805	9.132 906	55	9.136 948	56	0.863 052	9.995 958	1	195	
806	9.132 962	56	9.137 005	57	0.862 995	9.995 957	1	194	
807	9.133 017	55	9.137 061	56	0.862 939	9.995 956	1	193	57
808	9.133 072	55	9.137 117	56	0.862 883	9.995 955	1	192	1 5.7
809	9.133 127	55	9.137 174	57	0.862 826	9.995 954	1	191	2 11.4
.810	9.133 183	56	9.137 230	56	0.862 770	9.995 953	1	.190	3 17.1
811	9.133 238	55	9.137 286	56	0.862 714	9.995 952	1	189	4 22.8
812	9.133 293	55	9.137 343	57	0.862 657	9.995 951	1	188	5 28.5
813	9.133 348	55	9.137 399	56	0.862 601	9.995 950	1	187	6 34.2
814	9.133 404	56	9.137 455	56	0.862 545	9.995 949	1	186	7 39.9
815	9.133 459	55	9.137 511	56	0.862 489	9.995 948	1	185	8 45.6
816	9.133 514	55	9.137 568	57	0.862 432	9.995 947	1	184	9 51.3
817	9.133 569	55	9.137 624	56	0.862 376	9.995 945	2	183	
818	9.133 625	56	9.137 680	56	0.862 320	9.995 944	1	182	
819	9.133 680	55	9.137 736	56	0.862 264	9.995 943	1	181	
.820	9.133 735	55	9.137 793	57	0.862 207	9.995 942	1	.180	
821	9.133 790	55	9.137 849	56	0.862 151	9.995 941	1	179	56
822	9.133 845	55	9.137 905	56	0.862 095	9.995 940	1	178	1 5.6
823	9.133 900	55	9.137 961	56	0.862 039	9.995 939	1	177	2 11.2
824	9.133 956	56	9.138 017	56	0.861 983	9.995 938	1	176	3 16.8
825	9.134 011	55	9.138 074	57	0.861 926	9.995 937	1	175	4 22.4
826	9.134 066	55	9.138 130	56	0.861 870	9.995 936	1	174	5 28.0
827	9.134 121	55	9.138 186	56	0.861 814	9.995 935	1	173	6 33.6
828	9.134 176	55	9.138 242	56	0.861 758	9.995 934	1	172	7 39.2
829	9.134 231	55	9.138 298	56	0.861 702	9.995 933	1	171	8 44.8
.830	9.134 286	55	9.138 355	57	0.861 645	9.995 932	1	.170	9 50.4
831	9.134 342	56	9.138 411	56	0.861 589	9.995 931	1	169	
832	9.134 397	55	9.138 467	56	0.861 533	9.995 930	1	168	
833	9.134 452	55	9.138 523	56	0.861 477	9.995 929	1	167	
834	9.134 507	55	9.138 579	56	0.861 421	9.995 928	1	166	
835	9.134 562	55	9.138 635	56	0.861 365	9.995 927	1	165	
836	9.134 617	55	9.138 691	56	0.861 309	9.995 926	1	164	
837	9.134 672	55	9.138 748	57	0.861 252	9.995 925	1	163	55
838	9.134 727	55	9.138 804	56	0.861 196	9.995 924	1	162	1 5.5
839	9.134 782	55	9.138 860	56	0.861 140	9.995 923	1	161	2 11.0
.840	9.134 837	55	9.138 916	56	0.861 084	9.995 921	2	.160	3 16.5
841	9.134 892	55	9.138 972	56	0.861 028	9.995 920	1	159	4 22.0
842	9.134 947	55	9.139 028	56	0.860 972	9.995 919	1	158	5 27.5
843	9.135 002	55	9.139 084	56	0.860 916	9.995 918	1	157	6 33.0
844	9.135 057	55	9.139 140	56	0.860 860	9.995 917	1	156	7 38.5
845	9.135 112	55	9.139 196	56	0.860 804	9.995 916	1	155	8 44.0
846	9.135 167	55	9.139 252	56	0.860 748	9.995 915	1	154	9 49.5
847	9.135 222	55	9.139 308	56	0.860 692	9.995 914	1	153	
848	9.135 277	55	9.139 364	56	0.860 636	9.995 913	1	152	
849	9.135 332	55	9.139 420	56	0.860 580	9.995 912	1	151	
.850	9.135 387	55	9.139 476	56	0.860 524	9.995 911	1	.150	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.850 — 7°.900

7°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.135 387		9.139 476		0.860 524	9.995 911		.150	
851	9.135 442	55	9.139 532	56	0.860 468	9.995 910	1	149	
852	9.135 497	55	9.139 588	56	0.860 412	9.995 909	1	148	
853	9.135 552	55	9.139 644	56	0.860 356	9.995 908	1	147	
854	9.135 607	55	9.139 700	56	0.860 300	9.995 907	1	146	
855	9.135 662	55	9.139 756	56	0.860 244	9.995 906	1	145	
856	9.135 717	55	9.139 812	56	0.860 188	9.995 905	1	144	
857	9.135 772	55	9.139 868	56	0.860 132	9.995 904	1	143	56
858	9.135 827	55	9.139 924	56	0.860 076	9.995 903	1	142	1 5.6
859	9.135 882	55	9.139 980	56	0.860 020	9.995 902	1	141	2 11.2
.860	9.135 937	55	9.140 036	56	0.859 964	9.995 901	1	.140	3 16.8
861	9.135 992	55	9.140 092	56	0.859 908	9.995 900	1	139	4 22.4
862	9.136 047	55	9.140 148	56	0.859 852	9.995 898	2	138	5 28.0
863	9.136 102	55	9.140 204	56	0.859 796	9.995 897	1	137	6 33.6
864	9.136 156	54	9.140 260	56	0.859 740	9.995 896	1	136	7 39.2
865	9.136 211	55	9.140 316	56	0.859 684	9.995 895	1	135	8 44.8
866	9.136 266	55	9.140 372	56	0.859 628	9.995 894	1	134	9 50.4
867	9.136 321	55	9.140 428	56	0.859 572	9.995 893	1	133	
868	9.136 376	55	9.140 484	56	0.859 516	9.995 892	1	132	
869	9.136 431	55	9.140 540	56	0.859 460	9.995 891	1	131	
.870	9.136 486	55	9.140 595	55	0.859 405	9.995 890	1	.130	
871	9.136 540	54	9.140 651	56	0.859 349	9.995 889	1	129	55
872	9.136 595	55	9.140 707	56	0.859 293	9.995 888	1	128	
873	9.136 650	55	9.140 763	56	0.859 237	9.995 887	1	127	1 5.5
874	9.136 705	55	9.140 819	56	0.859 181	9.995 886	1	126	2 11.0
875	9.136 760	55	9.140 875	56	0.859 125	9.995 885	1	125	3 16.5
876	9.136 814	54	9.140 931	56	0.859 069	9.995 884	1	124	4 22.0
877	9.136 869	55	9.140 986	55	0.859 014	9.995 883	1	123	5 27.5
878	9.136 924	55	9.141 042	56	0.858 958	9.995 882	1	122	6 33.0
879	9.136 979	55	9.141 098	56	0.858 902	9.995 881	1	121	7 38.5
.880	9.137 034	55	9.141 154	56	0.858 846	9.995 880	1	.120	8 44.0
881	9.137 088	54	9.141 210	56	0.858 790	9.995 879	1	119	9 49.5
882	9.137 143	55	9.141 266	56	0.858 734	9.995 878	1	118	
883	9.137 198	55	9.141 321	55	0.858 679	9.995 876	2	117	
884	9.137 253	55	9.141 377	56	0.858 623	9.995 875	1	116	
885	9.137 307	54	9.141 433	56	0.858 567	9.995 874	1	115	
886	9.137 362	55	9.141 489	56	0.858 511	9.995 873	1	114	54
887	9.137 417	55	9.141 545	56	0.858 455	9.995 872	1	113	1 5.4
888	9.137 472	55	9.141 600	55	0.858 400	9.995 871	1	112	2 10.8
889	9.137 526	54	9.141 656	56	0.858 344	9.995 870	1	111	3 16.2
.890	9.137 581	55	9.141 712	56	0.858 288	9.995 869	1	.110	4 21.6
891	9.137 636	55	9.141 768	56	0.858 232	9.995 868	1	109	5 27.0
892	9.137 690	54	9.141 823	55	0.858 177	9.995 867	1	108	6 32.4
893	9.137 745	55	9.141 879	56	0.858 121	9.995 866	1	107	7 37.8
894	9.137 800	55	9.141 935	56	0.858 065	9.995 865	1	106	8 43.2
895	9.137 854	54	9.141 990	55	0.858 010	9.995 864	1	105	9 48.6
896	9.137 909	55	9.142 046	56	0.857 954	9.995 863	1	104	
897	9.137 964	55	9.142 102	56	0.857 898	9.995 862	1	103	
898	9.138 018	54	9.142 158	56	0.857 842	9.995 861	1	102	
899	9.138 073	55	9.142 213	55	0.857 787	9.995 860	1	101	
.900	9.138 128	55	9.142 269	56	0.857 731	9.995 859	1	.100	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.150 — 82°.100

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.900 — 7°.950

7°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.138 128		9.142 269		0.857 731	9.995 859		.100	
901	9.138 182	54	9.142 325	56	0.857 675	9.995 858	1	099	
902	9.138 237	55	9.142 380	55	0.857 620	9.995 857	1	098	
903	9.138 291	54	9.142 436	56	0.857 564	9.995 855	2	097	
904	9.138 346	55	9.142 492	56	0.857 508	9.995 854	1	096	
905	9.138 401	55	9.142 547	55	0.857 453	9.995 853	1	095	
906	9.138 455	54	9.142 603	56	0.857 397	9.995 852	1	094	
907	9.138 510	55	9.142 658	55	0.857 342	9.995 851	1	093	56
908	9.138 564	54	9.142 714	56	0.857 286	9.995 850	1	092	1 5.6
909	9.138 619	55	9.142 770	56	0.857 230	9.995 849	1	091	2 11.2
.910	9.138 673	54	9.142 825	55	0.857 175	9.995 848	1	.090	3 16.8
		55		56			1	089	4 22.4
911	9.138 728	55	9.142 881	56	0.857 119	9.995 847	1	088	5 28.0
912	9.138 783	54	9.142 937	55	0.857 063	9.995 846	1	087	6 33.6
913	9.138 837	55	9.142 992	56	0.857 008	9.995 845	1	086	7 39.2
914	9.138 892	54	9.143 048	55	0.856 952	9.995 844	1	085	8 44.8
915	9.138 946	55	9.143 103	56	0.856 897	9.995 843	1	084	9 50.4
916	9.139 001	54	9.143 159	55	0.856 841	9.995 842	1		
917	9.139 055	55	9.143 214	56	0.856 786	9.995 841	1	083	
918	9.139 110	54	9.143 270	55	0.856 730	9.995 840	1	082	
919	9.139 164	55	9.143 326	56	0.856 674	9.995 839	1	081	
.920	9.139 219	54	9.143 381	55	0.856 619	9.995 838	1	.080	
		55		56			1	079	55
921	9.139 273	54	9.143 437	55	0.856 563	9.995 837	2	078	
922	9.139 328	55	9.143 492	56	0.856 508	9.995 835	1	077	1 5.5
923	9.139 382	54	9.143 548	55	0.856 452	9.995 834	1	076	2 11.0
924	9.139 437	55	9.143 603	56	0.856 397	9.995 833	1	075	3 16.5
925	9.139 491	54	9.143 659	55	0.856 341	9.995 832	1	074	4 22.0
926	9.139 545	55	9.143 714	56	0.856 286	9.995 831	1	073	5 27.5
927	9.139 600	54	9.143 770	55	0.856 230	9.995 830	1	072	6 33.0
928	9.139 654	55	9.143 825	56	0.856 175	9.995 829	1	071	7 38.5
929	9.139 709	54	9.143 881	55	0.856 119	9.995 828	1		8 44.0
.930	9.139 763	55	9.143 936	56	0.856 064	9.995 827	1	.070	9 49.5
		54		55			1	069	
931	9.139 818	55	9.143 992	56	0.856 008	9.995 826	1	068	
932	9.139 872	54	9.144 047	55	0.855 953	9.995 825	1	067	
933	9.139 926	55	9.144 102	56	0.855 898	9.995 824	1	066	
934	9.139 981	54	9.144 158	55	0.855 842	9.995 823	1	065	
935	9.140 035	55	9.144 213	56	0.855 787	9.995 822	1	064	54
936	9.140 089	54	9.144 269	55	0.855 731	9.995 821	1	063	1 5.4
937	9.140 144	55	9.144 324	56	0.855 676	9.995 820	1	062	2 10.8
938	9.140 198	54	9.144 380	55	0.855 620	9.995 819	1	061	3 16.2
939	9.140 253	55	9.144 435	56	0.855 565	9.995 818	2		4 21.6
.940	9.140 307	54	9.144 490	55	0.855 510	9.995 816	1	.060	5 27.0
		55		56			1	059	6 32.4
941	9.140 361	54	9.144 546	55	0.855 454	9.995 815	1	058	7 37.8
942	9.140 416	55	9.144 601	56	0.855 399	9.995 814	1	057	8 43.2
943	9.140 470	54	9.144 657	55	0.855 343	9.995 813	1	056	9 48.6
944	9.140 524	55	9.144 712	56	0.855 288	9.995 812	1	055	
945	9.140 579	54	9.144 767	55	0.855 233	9.995 811	1	054	
946	9.140 633	55	9.144 823	56	0.855 177	9.995 810	1	053	
947	9.140 687	54	9.144 878	55	0.855 122	9.995 809	1	052	
948	9.140 741	55	9.144 933	56	0.855 067	9.995 808	1	051	
949	9.140 796	54	9.144 989	55	0.855 011	9.995 807	1		
.950	9.140 850	55	9.145 044	56	0.854 956	9.995 806	1	.050	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.100 — 82°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

7°.950 — 8°.000

7°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.140 850		9.145 044		0.854 956	9.995 806		.050	
951	9.140 904	54	9.145 100	56	0.854 900	9.995 805	1	049	
952	9.140 959	55	9.145 155	55	0.854 845	9.995 804	1	048	
953	9.141 013	54	9.145 210	55	0.854 790	9.995 803	1	047	
		54		55			1		56
954	9.141 067	54	9.145 265	55	0.854 735	9.995 802	1	046	
955	9.141 121	54	9.145 321	56	0.854 679	9.995 801	1	045	1 5.6
956	9.141 176	55	9.145 376	55	0.854 624	9.995 800	1	044	2 11.2
		54		55			2		3 16.8
957	9.141 230	54	9.145 431	55	0.854 569	9.995 798	1	043	4 22.4
958	9.141 284	54	9.145 487	56	0.854 513	9.995 797	1	042	5 28.0
959	9.141 338	54	9.145 542	55	0.854 458	9.995 796	1	041	6 33.6
		54		55			1		7 39.2
.960	9.141 392	55	9.145 597	55	0.854 403	9.995 795	1	.040	8 44.8
		54		55			1		9 50.4
961	9.141 447	54	9.145 652	56	0.854 348	9.995 794	1	039	
962	9.141 501	54	9.145 708	55	0.854 292	9.995 793	1	038	
963	9.141 555	54	9.145 763	55	0.854 237	9.995 792	1	037	
		54		55			1		
964	9.141 609	54	9.145 818	55	0.854 182	9.995 791	1	036	
965	9.141 663	54	9.145 873	55	0.854 127	9.995 790	1	035	
966	9.141 718	55	9.145 929	56	0.854 071	9.995 789	1	034	55
		54		55			1		
967	9.141 772	54	9.145 984	55	0.854 016	9.995 788	1	033	1 5.5
968	9.141 826	54	9.146 039	55	0.853 961	9.995 787	1	032	2 11.0
969	9.141 880	54	9.146 094	55	0.853 906	9.995 786	1	031	3 16.5
		54		56			1		4 22.0
.970	9.141 934	54	9.146 150	55	0.853 850	9.995 785	1	.030	5 27.5
		54		55			1		6 33.0
971	9.141 988	54	9.146 205	55	0.853 795	9.995 784	1	029	7 38.5
972	9.142 042	54	9.146 260	55	0.853 740	9.995 783	1	028	8 44.0
973	9.142 097	55	9.146 315	55	0.853 685	9.995 781	2	027	9 49.5
		54		55			1		
974	9.142 151	54	9.146 370	55	0.853 630	9.995 780	1	026	
975	9.142 205	54	9.146 425	55	0.853 575	9.995 779	1	025	
976	9.142 259	54	9.146 481	56	0.853 519	9.995 778	1	024	
		54		55			1		
977	9.142 313	54	9.146 536	55	0.853 464	9.995 777	1	023	54
978	9.142 367	54	9.146 591	55	0.853 409	9.995 776	1	022	
979	9.142 421	54	9.146 646	55	0.853 354	9.995 775	1	021	1 5.4
		54		55			1		2 10.8
.980	9.142 475	54	9.146 701	55	0.853 299	9.995 774	1	.020	3 16.2
		54		55			1		4 21.6
981	9.142 529	54	9.146 756	55	0.853 244	9.995 773	1	019	5 27.0
982	9.142 583	54	9.146 811	55	0.853 189	9.995 772	1	018	6 32.4
983	9.142 637	54	9.146 867	56	0.853 133	9.995 771	1	017	7 37.8
		54		55			1		8 43.2
984	9.142 691	54	9.146 922	55	0.853 078	9.995 770	1	016	9 48.6
985	9.142 746	55	9.146 977	55	0.853 023	9.995 769	1	015	
986	9.142 800	54	9.147 032	55	0.852 968	9.995 768	1	014	
		54		55			1		
987	9.142 854	54	9.147 087	55	0.852 913	9.995 767	1	013	
988	9.142 908	54	9.147 142	55	0.852 858	9.995 766	1	012	
989	9.142 962	54	9.147 197	55	0.852 803	9.995 764	2	011	
		54		55			1		53
.990	9.143 016	54	9.147 252	55	0.852 748	9.995 763	1	.010	1 5.3
		54		55			1		2 10.6
991	9.143 070	54	9.147 307	55	0.852 693	9.995 762	1	009	3 15.9
992	9.143 124	54	9.147 362	55	0.852 638	9.995 761	1	008	4 21.2
993	9.143 178	54	9.147 417	55	0.852 583	9.995 760	1	007	5 26.5
		54		55			1		6 31.8
994	9.143 232	54	9.147 472	55	0.852 528	9.995 759	1	006	7 37.1
995	9.143 286	54	9.147 527	55	0.852 473	9.995 758	1	005	8 42.4
996	9.143 340	54	9.147 582	55	0.852 418	9.995 757	1	004	9 47.7
		53		56			1		
997	9.143 393	54	9.147 638	55	0.852 362	9.995 756	1	003	
998	9.143 447	54	9.147 693	55	0.852 307	9.995 755	1	002	
999	9.143 501	54	9.147 748	55	0.852 252	9.995 754	1	001	
		54		55			1		
*.000	9.143 555	54	9.147 803	55	0.852 197	9.995 753	1	.000	
	cos	d	cotg	d	tang	sin	d	82°	P.P.

82°.050 — 82°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.000 — 8°.050

8°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.143 555		9.147 803		0.852 197	9.995 753		*.000	
001	9.143 609	54	9.147 858	55	0.852 142	9.995 752	1	999	
002	9.143 663	54	9.147 913	55	0.852 087	9.995 751	1	998	
003	9.143 717	54	9.147 967	54	0.852 033	9.995 750	1	997	
004	9.143 771	54	9.148 022	55	0.851 978	9.995 749	1	996	
005	9.143 825	54	9.148 077	55	0.851 923	9.995 747	2	995	
006	9.143 879	54	9.148 132	55	0.851 868	9.995 746	1	994	
007	9.143 933	54	9.148 187	55	0.851 813	9.995 745	1	993	55
008	9.143 987	54	9.148 242	55	0.851 758	9.995 744	1	992	1 5.5
009	9.144 040	53	9.148 297	55	0.851 703	9.995 743	1	991	2 11.0
.010	9.144 094	54	9.148 352	55	0.851 648	9.995 742	1	.990	3 16.5
011	9.144 148	54	9.148 407	55	0.851 593	9.995 741	1	989	4 22.0
012	9.144 202	54	9.148 462	55	0.851 538	9.995 740	1	988	5 27.5
013	9.144 256	54	9.148 517	55	0.851 483	9.995 739	1	987	6 33.0
014	9.144 310	54	9.148 572	55	0.851 428	9.995 738	1	986	7 38.5
015	9.144 364	54	9.148 627	55	0.851 373	9.995 737	1	985	8 44.0
016	9.144 417	53	9.148 682	55	0.851 318	9.995 736	1	984	9 49.5
017	9.144 471	54	9.148 737	55	0.851 263	9.995 735	1	983	
018	9.144 525	54	9.148 791	54	0.851 209	9.995 734	1	982	
019	9.144 579	54	9.148 846	55	0.851 154	9.995 733	1	981	
.020	9.144 633	54	9.148 901	55	0.851 099	9.995 731	2	.980	
021	9.144 686	53	9.148 956	55	0.851 044	9.995 730	1	979	54
022	9.144 740	54	9.149 011	55	0.850 989	9.995 729	1	978	
023	9.144 794	54	9.149 066	55	0.850 934	9.995 728	1	977	1 5.4
024	9.144 848	54	9.149 121	55	0.850 879	9.995 727	1	976	2 10.8
025	9.144 902	54	9.149 175	54	0.850 825	9.995 726	1	975	3 16.2
026	9.144 955	53	9.149 230	55	0.850 770	9.995 725	1	974	4 21.6
027	9.145 009	54	9.149 285	55	0.850 715	9.995 724	1	973	5 27.0
028	9.145 063	54	9.149 340	55	0.850 660	9.995 723	1	972	6 32.4
029	9.145 117	54	9.149 395	55	0.850 605	9.995 722	1	971	7 37.8
.030	9.145 170	53	9.149 449	54	0.850 551	9.995 721	1	.970	8 43.2
031	9.145 224	54	9.149 504	55	0.850 496	9.995 720	1	969	9 48.6
032	9.145 278	54	9.149 559	55	0.850 441	9.995 719	1	968	
033	9.145 331	53	9.149 614	55	0.850 386	9.995 718	1	967	
034	9.145 385	54	9.149 669	55	0.850 331	9.995 716	2	966	
035	9.145 439	54	9.149 723	54	0.850 277	9.995 715	1	965	
036	9.145 492	53	9.149 778	55	0.850 222	9.995 714	1	964	53
037	9.145 546	54	9.149 833	55	0.850 167	9.995 713	1	963	1 5.3
038	9.145 600	54	9.149 888	55	0.850 112	9.995 712	1	962	2 10.6
039	9.145 654	54	9.149 942	54	0.850 058	9.995 711	1	961	3 15.9
.040	9.145 707	53	9.149 997	55	0.850 003	9.995 710	1	.960	4 21.2
041	9.145 761	54	9.150 052	55	0.849 948	9.995 709	1	959	5 26.5
042	9.145 815	54	9.150 107	55	0.849 893	9.995 708	1	958	6 31.8
043	9.145 868	53	9.150 161	54	0.849 839	9.995 707	1	957	7 37.1
044	9.145 922	54	9.150 216	55	0.849 784	9.995 706	1	956	8 42.4
045	9.145 975	53	9.150 271	55	0.849 729	9.995 705	1	955	9 47.7
046	9.146 029	54	9.150 325	54	0.849 675	9.995 704	1	954	
047	9.146 083	54	9.150 380	55	0.849 620	9.995 703	1	953	
048	9.146 136	53	9.150 435	55	0.849 565	9.995 701	2	952	
049	9.146 190	54	9.150 489	54	0.849 511	9.995 700	1	951	
.050	9.146 243	53	9.150 544	55	0.849 456	9.995 699	1	.950	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

82°.000 — 81°.950

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.050 — 8°.100

8°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.146 243		9.150 544		0.849 456	9.995 699		.950	
051	9.146 297	54	9.150 599	55	0.849 401	9.995 698	1	949	
052	9.146 351	54	9.150 653	54	0.849 347	9.995 697	1	948	
053	9.146 404	53	9.150 708	55	0.849 292	9.995 696	1	947	
		54		55			1		
054	9.146 458	54	9.150 763	55	0.849 237	9.995 695	1	946	
055	9.146 511	53	9.150 817	54	0.849 183	9.995 694	1	945	
056	9.146 565	54	9.150 872	55	0.849 128	9.995 693	1	944	
		53		55			1		
057	9.146 618	53	9.150 927	55	0.849 073	9.995 692	1	943	55
058	9.146 672	54	9.150 981	54	0.849 019	9.995 691	1	942	1 5.5
059	9.146 726	54	9.151 036	55	0.848 964	9.995 690	1	941	2 11.0
		53		54			1		3 16.5
.060	9.146 779	54	9.151 090	55	0.848 910	9.995 689	1	.940	4 22.0
		53		55			1		5 27.5
061	9.146 833	53	9.151 145	55	0.848 855	9.995 688	2	939	6 33.0
062	9.146 886	54	9.151 200	54	0.848 800	9.995 686	1	938	7 38.5
063	9.146 940	53	9.151 254	55	0.848 746	9.995 685	1	937	8 44.0
		53		55			1		9 49.5
064	9.146 993	54	9.151 309	54	0.848 691	9.995 684	1	936	
065	9.147 047	53	9.151 363	54	0.848 637	9.995 683	1	935	
066	9.147 100	53	9.151 418	55	0.848 582	9.995 682	1	934	
		54		55			1		
067	9.147 154	53	9.151 473	54	0.848 527	9.995 681	1	933	
068	9.147 207	54	9.151 527	54	0.848 473	9.995 680	1	932	
069	9.147 261	54	9.151 582	55	0.848 418	9.995 679	1	931	
		53		54			1		
.070	9.147 314	53	9.151 636	55	0.848 364	9.995 678	1	.930	
		54		54			1		54
071	9.147 367	54	9.151 691	54	0.848 309	9.995 677	1	929	1 5.4
072	9.147 421	53	9.151 745	55	0.848 255	9.995 676	1	928	2 10.8
073	9.147 474	54	9.151 800	54	0.848 200	9.995 675	1	927	3 16.2
		54		55			2		4 21.6
074	9.147 528	53	9.151 854	55	0.848 146	9.995 674	1	926	5 27.0
075	9.147 581	54	9.151 909	54	0.848 091	9.995 672	1	925	6 32.4
076	9.147 635	53	9.151 963	55	0.848 037	9.995 671	1	924	7 37.8
		53		55			1		8 43.2
077	9.147 688	53	9.152 018	54	0.847 982	9.995 670	1	923	9 48.6
078	9.147 741	54	9.152 072	54	0.847 928	9.995 669	1	922	
079	9.147 795	54	9.152 127	55	0.847 873	9.995 668	1	921	
		53		54			1		
.080	9.147 848	54	9.152 181	55	0.847 819	9.995 667	1	.920	
		53		54			1		
081	9.147 902	53	9.152 236	54	0.847 764	9.995 666	1	919	
082	9.147 955	53	9.152 290	55	0.847 710	9.995 665	1	918	
083	9.148 008	54	9.152 345	54	0.847 655	9.995 664	1	917	
		54		54			1		
084	9.148 062	53	9.152 399	54	0.847 601	9.995 663	1	916	
085	9.148 115	54	9.152 453	55	0.847 547	9.995 662	1	915	
086	9.148 169	53	9.152 508	54	0.847 492	9.995 661	1	914	53
		53		54			1		
087	9.148 222	53	9.152 562	55	0.847 438	9.995 660	1	913	1 5.3
088	9.148 275	54	9.152 617	54	0.847 383	9.995 659	2	912	2 10.6
089	9.148 329	54	9.152 671	55	0.847 329	9.995 657	1	911	3 15.9
		53		55			1		4 21.2
.090	9.148 382	53	9.152 726	54	0.847 274	9.995 656	1	.910	5 26.5
		54		54			1		6 31.8
091	9.148 435	54	9.152 780	54	0.847 220	9.995 655	1	909	7 37.1
092	9.148 489	53	9.152 834	55	0.847 166	9.995 654	1	908	8 42.4
093	9.148 542	53	9.152 889	54	0.847 111	9.995 653	1	907	9 47.7
		53		54			1		
094	9.148 595	53	9.152 943	54	0.847 057	9.995 652	1	906	
095	9.148 648	54	9.152 997	55	0.847 003	9.995 651	1	905	
096	9.148 702	54	9.153 052	55	0.846 948	9.995 650	1	904	
		53		54			1		
097	9.148 755	53	9.153 106	55	0.846 894	9.995 649	1	903	
098	9.148 808	53	9.153 161	54	0.846 839	9.995 648	1	902	
099	9.148 862	54	9.153 215	54	0.846 785	9.995 647	1	901	
		53		54			1		
.100	9.148 915	53	9.153 269	54	0.846 731	9.995 646	1	.900	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.950 — 81°.900

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.100 — 8°.150

8°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.148 915		9.153 269		0.846 731	9.995 646		.900	
101	9.148 968	53	9.153 324	55	0.846 676	9.995 644	2	899	
102	9.149 021	53	9.153 378	54	0.846 622	9.995 643	1	898	
103	9.149 075	54	9.153 432	54	0.846 568	9.995 642	1	897	
104	9.149 128	53	9.153 487	55	0.846 513	9.995 641	1	896	55
105	9.149 181	53	9.153 541	54	0.846 459	9.995 640	1	895	1 5.5
106	9.149 234	53	9.153 595	54	0.846 405	9.995 639	1	894	2 11.0
107	9.149 287	53	9.153 649	54	0.846 351	9.995 638	1	893	3 16.5
108	9.149 341	54	9.153 704	55	0.846 296	9.995 637	1	892	4 22.0
109	9.149 394	53	9.153 758	54	0.846 242	9.995 636	1	891	5 27.5
.110	9.149 447	53	9.153 812	54	0.846 188	9.995 635	1	.890	6 33.0
111	9.149 500	53	9.153 867	55	0.846 133	9.995 634	1	889	7 38.5
112	9.149 553	53	9.153 921	54	0.846 079	9.995 633	1	888	8 44.0
113	9.149 607	54	9.153 975	54	0.846 025	9.995 632	1	887	9 49.5
114	9.149 660	53	9.154 029	54	0.845 971	9.995 630	2	886	
115	9.149 713	53	9.154 084	55	0.845 916	9.995 629	1	885	
116	9.149 766	53	9.154 138	54	0.845 862	9.995 628	1	884	54
117	9.149 819	53	9.154 192	54	0.845 808	9.995 627	1	883	1 5.4
118	9.149 872	53	9.154 246	54	0.845 754	9.995 626	1	882	2 10.8
119	9.149 926	54	9.154 300	54	0.845 700	9.995 625	1	881	3 16.2
.120	9.149 979	53	9.154 355	55	0.845 645	9.995 624	1	.880	4 21.6
121	9.150 032	53	9.154 409	54	0.845 591	9.995 623	1	879	5 27.0
122	9.150 085	53	9.154 463	54	0.845 537	9.995 622	1	878	6 32.4
123	9.150 138	53	9.154 517	54	0.845 483	9.995 621	1	877	7 37.8
124	9.150 191	53	9.154 571	54	0.845 429	9.995 620	1	876	8 43.2
125	9.150 244	53	9.154 626	55	0.845 374	9.995 619	1	875	9 48.6
126	9.150 297	53	9.154 680	54	0.845 320	9.995 617	2	874	
127	9.150 350	53	9.154 734	54	0.845 266	9.995 616	1	873	
128	9.150 403	53	9.154 788	54	0.845 212	9.995 615	1	872	53
129	9.150 457	54	9.154 842	54	0.845 158	9.995 614	1	871	1 5.3
.130	9.150 510	53	9.154 896	54	0.845 104	9.995 613	1	.870	2 10.6
131	9.150 563	53	9.154 951	55	0.845 049	9.995 612	1	869	3 15.9
132	9.150 616	53	9.155 005	54	0.844 995	9.995 611	1	868	4 21.2
133	9.150 669	53	9.155 059	54	0.844 941	9.995 610	1	867	5 26.5
134	9.150 722	53	9.155 113	54	0.844 887	9.995 609	1	866	6 31.8
135	9.150 775	53	9.155 167	54	0.844 833	9.995 608	1	865	7 37.1
136	9.150 828	53	9.155 221	54	0.844 779	9.995 607	1	864	8 42.4
137	9.150 881	53	9.155 275	54	0.844 725	9.995 606	1	863	9 47.7
138	9.150 934	53	9.155 329	54	0.844 671	9.995 604	2	862	
139	9.150 987	53	9.155 383	54	0.844 617	9.995 603	1	861	
.140	9.151 040	53	9.155 438	55	0.844 562	9.995 602	1	.860	52
141	9.151 093	53	9.155 492	54	0.844 508	9.995 601	1	859	1 5.2
142	9.151 146	53	9.155 546	54	0.844 454	9.995 600	1	858	2 10.4
143	9.151 199	53	9.155 600	54	0.844 400	9.995 599	1	857	3 15.6
144	9.151 252	53	9.155 654	54	0.844 346	9.995 598	1	856	4 20.8
145	9.151 305	53	9.155 708	54	0.844 292	9.995 597	1	855	5 26.0
146	9.151 358	53	9.155 762	54	0.844 238	9.995 596	1	854	6 31.2
147	9.151 411	53	9.155 816	54	0.844 184	9.995 595	1	853	7 36.4
148	9.151 464	53	9.155 870	54	0.844 130	9.995 594	1	852	8 41.6
149	9.151 517	53	9.155 924	54	0.844 076	9.995 593	1	851	9 46.8
.150	9.151 569	52	9.155 978	54	0.844 022	9.995 591	2	.850	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.900 — 81°.850

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$8^{\circ}.150 - 8^{\circ}.200$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.151 569		9.155 978		0.844 022	9.995 591		.850	
151	9.151 622	53	9.156 032	54	0.843 968	9.995 590	1	849	
152	9.151 675	53	9.156 086	54	0.843 914	9.995 589	1	848	
153	9.151 728	53	9.156 140	54	0.843 860	9.995 588	1	847	
		53		54			1		
154	9.151 781	53	9.156 194	54	0.843 806	9.995 587	1	846	
155	9.151 834	53	9.156 248	54	0.843 752	9.995 586	1	845	
156	9.151 887	53	9.156 302	54	0.843 698	9.995 585	1	844	
		53		54			1		
157	9.151 940	53	9.156 356	54	0.843 644	9.995 584	1	843	54
158	9.151 993	53	9.156 410	54	0.843 590	9.995 583	1	842	1 5.4
159	9.152 046	53	9.156 464	54	0.843 536	9.995 582	1	841	2 10.8
		52		54			1		3 16.2
.160	9.152 098	53	9.156 518	54	0.843 482	9.995 581	1	.840	4 21.6
		53		54			1		5 27.0
161	9.152 151	53	9.156 572	54	0.843 428	9.995 580	2	839	6 32.4
162	9.152 204	53	9.156 626	54	0.843 374	9.995 578	1	838	7 37.8
163	9.152 257	53	9.156 680	54	0.843 320	9.995 577	1	837	8 43.2
		53		54			1		9 48.6
164	9.152 310	53	9.156 734	54	0.843 266	9.995 576	1	836	
165	9.152 363	53	9.156 787	53	0.843 213	9.995 575	1	835	
166	9.152 415	52	9.156 841	54	0.843 159	9.995 574	1	834	
		53		54			1		
167	9.152 468	53	9.156 895	54	0.843 105	9.995 573	1	833	
168	9.152 521	53	9.156 949	54	0.843 051	9.995 572	1	832	
169	9.152 574	53	9.157 003	54	0.842 997	9.995 571	1	831	
		53		54			1		
.170	9.152 627	52	9.157 057	54	0.842 943	9.995 570	1	.830	
		53		54			1		53
171	9.152 679	53	9.157 111	54	0.842 889	9.995 569	1	829	
172	9.152 732	53	9.157 165	54	0.842 835	9.995 568	2	828	1 5.3
173	9.152 785	53	9.157 219	54	0.842 781	9.995 566	1	827	2 10.6
		53		53			1		3 15.9
174	9.152 838	53	9.157 272	54	0.842 728	9.995 565	1	826	4 21.2
175	9.152 891	53	9.157 326	54	0.842 674	9.995 564	1	825	5 26.5
176	9.152 943	52	9.157 380	54	0.842 620	9.995 563	1	824	6 31.8
		53		54			1		7 37.1
177	9.152 996	53	9.157 434	54	0.842 566	9.995 562	1	823	8 42.4
178	9.153 049	53	9.157 488	54	0.842 512	9.995 561	1	822	9 47.7
179	9.153 102	53	9.157 542	54	0.842 458	9.995 560	1	821	
		52		53			1		
.180	9.153 154	53	9.157 595	54	0.842 405	9.995 559	1	.820	
		53		54			1		
181	9.153 207	53	9.157 649	54	0.842 351	9.995 558	1	819	
182	9.153 260	53	9.157 703	54	0.842 297	9.995 557	1	818	
183	9.153 312	52	9.157 757	54	0.842 243	9.995 556	1	817	
		53		54			2		
184	9.153 365	53	9.157 811	54	0.842 189	9.995 554	1	816	
185	9.153 418	53	9.157 865	54	0.842 135	9.995 553	1	815	
186	9.153 471	53	9.157 918	53	0.842 082	9.995 552	1	814	52
		52		54			1		
187	9.153 523	53	9.157 972	54	0.842 028	9.995 551	1	813	1 5.2
188	9.153 576	53	9.158 026	54	0.841 974	9.995 550	1	812	2 10.4
189	9.153 629	53	9.158 080	54	0.841 920	9.995 549	1	811	3 15.6
		52		53			1		4 20.8
.190	9.153 681	53	9.158 133	54	0.841 867	9.995 548	1	.810	5 26.0
		53		54			1		6 31.2
191	9.153 734	53	9.158 187	54	0.841 813	9.995 547	1	809	7 36.4
192	9.153 787	53	9.158 241	54	0.841 759	9.995 546	1	808	8 41.6
193	9.153 839	52	9.158 295	54	0.841 705	9.995 545	1	807	9 46.8
		53		53			1		
194	9.153 892	53	9.158 348	53	0.841 652	9.995 544	1	806	
195	9.153 945	53	9.158 402	54	0.841 598	9.995 542	2	805	
196	9.153 997	52	9.158 456	54	0.841 544	9.995 541	1	804	
		53		54			1		
197	9.154 050	53	9.158 510	54	0.841 490	9.995 540	1	803	
198	9.154 102	52	9.158 563	53	0.841 437	9.995 539	1	802	
199	9.154 155	53	9.158 617	54	0.841 383	9.995 538	1	801	
		53		54			1		
.200	9.154 208	53	9.158 671	54	0.841 329	9.995 537	1	.800	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

$81^{\circ}.850 - 81^{\circ}.800$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.200 — 8°.250

8°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.154 208		9.158 671		0.841 329	9.995 537		.800	
201	9.154 260	52	9.158 724	53	0.841 276	9.995 536	1	799	
202	9.154 313	53	9.158 778	54	0.841 222	9.995 535	1	798	
203	9.154 365	52	9.158 832	54	0.841 168	9.995 534	1	797	
204	9.154 418	53	9.158 885	53	0.841 115	9.995 533	1	796	
205	9.154 471	53	9.158 939	54	0.841 061	9.995 532	1	795	
206	9.154 523	52	9.158 993	54	0.841 007	9.995 530	2	794	
207	9.154 576	53	9.159 046	53	0.840 954	9.995 529	1	793	54
208	9.154 628	52	9.159 100	54	0.840 900	9.995 528	1	792	1 5.4
209	9.154 681	53	9.159 154	54	0.840 846	9.995 527	1	791	2 10.8
.210	9.154 733	52	9.159 207	53	0.840 793	9.995 526	1	.790	3 16.2
211	9.154 786	53	9.159 261	54	0.840 739	9.995 525	1	789	4 21.6
212	9.154 838	52	9.159 314	53	0.840 686	9.995 524	1	788	5 27.0
213	9.154 891	53	9.159 368	54	0.840 632	9.995 523	1	787	6 32.4
214	9.154 943	52	9.159 422	54	0.840 578	9.995 522	1	786	7 37.8
215	9.154 996	53	9.159 475	53	0.840 525	9.995 521	1	785	8 43.2
216	9.155 048	52	9.159 529	54	0.840 471	9.995 520	1	784	9 48.6
217	9.155 101	53	9.159 582	53	0.840 418	9.995 518	2	783	
218	9.155 153	52	9.159 636	54	0.840 364	9.995 517	1	782	
219	9.155 206	53	9.159 690	54	0.840 310	9.995 516	1	781	
.220	9.155 258	52	9.159 743	53	0.840 257	9.995 515	1	.780	
221	9.155 311	53	9.159 797	54	0.840 203	9.995 514	1	779	53
222	9.155 363	52	9.159 850	53	0.840 150	9.995 513	1	778	1 5.3
223	9.155 416	53	9.159 904	54	0.840 096	9.995 512	1	777	2 10.6
224	9.155 468	52	9.159 957	53	0.840 043	9.995 511	1	776	3 15.9
225	9.155 521	53	9.160 011	54	0.839 989	9.995 510	1	775	4 21.2
226	9.155 573	52	9.160 064	53	0.839 936	9.995 509	1	774	5 26.5
227	9.155 625	52	9.160 118	54	0.839 882	9.995 507	2	773	6 31.8
228	9.155 678	53	9.160 172	54	0.839 828	9.995 506	1	772	7 37.1
229	9.155 730	52	9.160 225	53	0.839 775	9.995 505	1	771	8 42.4
.230	9.155 783	53	9.160 279	54	0.839 721	9.995 504	1	.770	9 47.7
231	9.155 835	52	9.160 332	53	0.839 668	9.995 503	1	769	
232	9.155 888	53	9.160 386	54	0.839 614	9.995 502	1	768	
233	9.155 940	52	9.160 439	53	0.839 561	9.995 501	1	767	
234	9.155 992	52	9.160 493	54	0.839 507	9.995 500	1	766	
235	9.156 045	53	9.160 546	53	0.839 454	9.995 499	1	765	
236	9.156 097	52	9.160 599	53	0.839 401	9.995 498	1	764	52
237	9.156 149	52	9.160 653	54	0.839 347	9.995 497	1	763	1 5.2
238	9.156 202	53	9.160 706	53	0.839 294	9.995 495	2	762	2 10.4
239	9.156 254	52	9.160 760	54	0.839 240	9.995 494	1	761	3 15.6
.240	9.156 306	52	9.160 813	53	0.839 187	9.995 493	1	.760	4 20.8
241	9.156 359	53	9.160 867	54	0.839 133	9.995 492	1	759	5 26.0
242	9.156 411	52	9.160 920	53	0.839 080	9.995 491	1	758	6 31.2
243	9.156 463	52	9.160 974	54	0.839 026	9.995 490	1	757	7 36.4
244	9.156 516	53	9.161 027	53	0.838 973	9.995 489	1	756	8 41.6
245	9.156 568	52	9.161 080	53	0.838 920	9.995 488	1	755	9 46.8
246	9.156 620	52	9.161 134	54	0.838 866	9.995 487	1	754	
247	9.156 673	53	9.161 187	53	0.838 813	9.995 486	1	753	
248	9.156 725	52	9.161 241	54	0.838 759	9.995 484	2	752	
249	9.156 777	52	9.161 294	53	0.838 706	9.995 483	1	751	
.250	9.156 830	53	9.161 347	53	0.838 653	9.995 482	1	.750	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.800 — 81°.750

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.250 — 8°.300

8°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.156 830		9.161 347		0.838 653	9.995 482		.750	
251	9.156 882	52	9.161 401	54	0.838 599	9.995 481	1	749	
252	9.156 934	52	9.161 454	53	0.838 546	9.995 480	1	748	
253	9.156 986	52	9.161 507	53	0.838 493	9.995 479	1	747	
		53		54			1		54
254	9.157 039	53	9.161 561	54	0.838 439	9.995 478	1	746	
255	9.157 091	52	9.161 614	53	0.838 386	9.995 477	1	745	1 5.4
256	9.157 143	52	9.161 667	53	0.838 333	9.995 476	1	744	2 10.8
		52		54			1		3 16.2
257	9.157 195	52	9.161 721	54	0.838 279	9.995 475	2	743	4 21.6
258	9.157 248	53	9.161 774	53	0.838 226	9.995 473	1	742	5 27.0
259	9.157 300	52	9.161 827	53	0.838 173	9.995 472	1	741	6 32.4
		52		54			1		7 37.8
.260	9.157 352	52	9.161 881	53	0.838 119	9.995 471	1	.740	8 43.2
		52		53			1		9 48.6
261	9.157 404	52	9.161 934	53	0.838 066	9.995 470	1	739	
262	9.157 456	52	9.161 987	53	0.838 013	9.995 469	1	738	
263	9.157 509	53	9.162 041	54	0.837 959	9.995 468	1	737	
		52		53			1		
264	9.157 561	52	9.162 094	53	0.837 906	9.995 467	1	736	
265	9.157 613	52	9.162 147	53	0.837 853	9.995 466	1	735	
266	9.157 665	52	9.162 201	54	0.837 799	9.995 465	1	734	53
		52		53			1		1 5.3
267	9.157 717	52	9.162 254	53	0.837 746	9.995 464	2	733	2 10.6
268	9.157 770	53	9.162 307	53	0.837 693	9.995 462	1	732	3 15.9
269	9.157 822	52	9.162 360	53	0.837 640	9.995 461	1	731	4 21.2
		52		54			1		5 26.5
.270	9.157 874	52	9.162 414	53	0.837 586	9.995 460	1	.730	6 31.8
		52		53			1		7 37.1
271	9.157 926	52	9.162 467	53	0.837 533	9.995 459	1	729	8 42.4
272	9.157 978	52	9.162 520	53	0.837 480	9.995 458	1	728	9 47.7
273	9.158 030	52	9.162 573	53	0.837 427	9.995 457	1	727	
		52		54			1		
274	9.158 082	53	9.162 627	53	0.837 373	9.995 456	1	726	
275	9.158 135	52	9.162 680	53	0.837 320	9.995 455	1	725	
276	9.158 187	52	9.162 733	53	0.837 267	9.995 454	1	724	
		52		53			1		
277	9.158 239	52	9.162 786	53	0.837 214	9.995 453	2	723	52
278	9.158 291	52	9.162 839	53	0.837 161	9.995 451	1	722	1 5.2
279	9.158 343	52	9.162 893	54	0.837 107	9.995 450	1	721	2 10.4
		52		53			1		3 15.6
.280	9.158 395	52	9.162 946	53	0.837 054	9.995 449	1	.720	4 20.8
		52		53			1		5 26.0
281	9.158 447	52	9.162 999	53	0.837 001	9.995 448	1	719	6 31.2
282	9.158 499	52	9.163 052	53	0.836 948	9.995 447	1	718	7 36.4
283	9.158 551	52	9.163 105	53	0.836 895	9.995 446	1	717	8 41.6
		52		54			1		9 46.8
284	9.158 603	52	9.163 159	53	0.836 841	9.995 445	1	716	
285	9.158 655	52	9.163 212	53	0.836 788	9.995 444	1	715	
286	9.158 707	52	9.163 265	53	0.836 735	9.995 443	1	714	
		52		53			2		
287	9.158 759	52	9.163 318	53	0.836 682	9.995 441	1	713	
288	9.158 811	52	9.163 371	53	0.836 629	9.995 440	1	712	
289	9.158 864	53	9.163 424	53	0.836 576	9.995 439	1	711	
		52		53			1		51
.290	9.158 916	52	9.163 477	53	0.836 523	9.995 438	1	.710	1 5.1
		52		54			1		2 10.2
291	9.158 968	52	9.163 531	53	0.836 469	9.995 437	1	709	3 15.3
292	9.159 020	52	9.163 584	53	0.836 416	9.995 436	1	708	4 20.4
293	9.159 072	52	9.163 637	53	0.836 363	9.995 435	1	707	5 25.5
		52		53			1		6 30.6
294	9.159 124	52	9.163 690	53	0.836 310	9.995 434	1	706	7 35.7
295	9.159 176	52	9.163 743	53	0.836 257	9.995 433	1	705	8 40.8
296	9.159 228	52	9.163 796	53	0.836 204	9.995 432	1	704	9 45.9
		52		53			2		
297	9.159 280	52	9.163 849	53	0.836 151	9.995 430	1	703	
298	9.159 332	52	9.163 902	53	0.836 098	9.995 429	1	702	
299	9.159 383	51	9.163 955	53	0.836 045	9.995 428	1	701	
		52		53			1		
.300	9.159 435	52	9.164 008	53	0.835 992	9.995 427	1	.700	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.750 — 81°.700

8°.300 — 8°.350

8°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.159 435		9.164 008		0.835 992	9.995 427		.700	
301	9.159 487	52	9.164 061	53	0.835 939	9.995 426	1	699	
302	9.159 539	52	9.164 114	53	0.835 886	9.995 425	1	698	
303	9.159 591	52	9.164 167	53	0.835 833	9.995 424	1	697	
304	9.159 643	52	9.164 221	54	0.835 779	9.995 423	1	696	54
305	9.159 695	52	9.164 274	53	0.835 726	9.995 422	1	695	1 5.4
306	9.159 747	52	9.164 327	53	0.835 673	9.995 420	2	694	2 10.8
307	9.159 799	52	9.164 380	53	0.835 620	9.995 419	1	693	3 16.2
308	9.159 851	52	9.164 433	53	0.835 567	9.995 418	1	692	4 21.6
309	9.159 903	52	9.164 486	53	0.835 514	9.995 417	1	691	5 27.0
.310	9.159 955	52	9.164 539	53	0.835 461	9.995 416	1	.690	6 32.4
311	9.160 007	52	9.164 592	53	0.835 408	9.995 415	1	689	7 37.8
312	9.160 058	51	9.164 645	53	0.835 355	9.995 414	1	688	8 43.2
313	9.160 110	52	9.164 698	53	0.835 302	9.995 413	1	687	9 48.6
314	9.160 162	52	9.164 751	53	0.835 249	9.995 412	1	686	
315	9.160 214	52	9.164 804	53	0.835 196	9.995 411	1	685	
316	9.160 266	52	9.164 857	53	0.835 143	9.995 409	2	684	53
317	9.160 318	52	9.164 910	53	0.835 090	9.995 408	1	683	1 5.3
318	9.160 370	52	9.164 962	52	0.835 038	9.995 407	1	682	2 10.6
319	9.160 422	52	9.165 015	53	0.834 985	9.995 406	1	681	3 15.9
.320	9.160 473	51	9.165 068	53	0.834 932	9.995 405	1	.680	4 21.2
321	9.160 525	52	9.165 121	53	0.834 879	9.995 404	1	679	5 26.5
322	9.160 577	52	9.165 174	53	0.834 826	9.995 403	1	678	6 31.8
323	9.160 629	52	9.165 227	53	0.834 773	9.995 402	1	677	7 37.1
324	9.160 681	52	9.165 280	53	0.834 720	9.995 401	1	676	8 42.4
325	9.160 732	51	9.165 333	53	0.834 667	9.995 399	2	675	9 47.7
326	9.160 784	52	9.165 386	53	0.834 614	9.995 398	1	674	
327	9.160 836	52	9.165 439	53	0.834 561	9.995 397	1	673	
328	9.160 888	52	9.165 492	53	0.834 508	9.995 396	1	672	52
329	9.160 940	52	9.165 545	53	0.834 455	9.995 395	1	671	1 5.2
.330	9.160 991	51	9.165 597	52	0.834 403	9.995 394	1	.670	2 10.4
331	9.161 043	52	9.165 650	53	0.834 350	9.995 393	1	669	3 15.6
332	9.161 095	52	9.165 703	53	0.834 297	9.995 392	1	668	4 20.8
333	9.161 147	52	9.165 756	53	0.834 244	9.995 391	1	667	5 26.0
334	9.161 198	51	9.165 809	53	0.834 191	9.995 389	2	666	6 31.2
335	9.161 250	52	9.165 862	53	0.834 138	9.995 388	1	665	7 36.4
336	9.161 302	52	9.165 915	53	0.834 085	9.995 387	1	664	8 41.6
337	9.161 354	52	9.165 967	52	0.834 033	9.995 386	1	663	9 46.8
338	9.161 405	51	9.166 020	53	0.833 980	9.995 385	1	662	
339	9.161 457	52	9.166 073	53	0.833 927	9.995 384	1	661	
.340	9.161 509	52	9.166 126	53	0.833 874	9.995 383	1	.660	51
341	9.161 560	51	9.166 179	53	0.833 821	9.995 382	1	659	1 5.1
342	9.161 612	52	9.166 232	53	0.833 768	9.995 381	1	658	2 10.2
343	9.161 664	52	9.166 284	52	0.833 716	9.995 379	2	657	3 15.3
344	9.161 715	51	9.166 337	53	0.833 663	9.995 378	1	656	4 20.4
345	9.161 767	52	9.166 390	53	0.833 610	9.995 377	1	655	5 25.5
346	9.161 819	52	9.166 443	53	0.833 557	9.995 376	1	654	6 30.6
347	9.161 870	51	9.166 495	52	0.833 505	9.995 375	1	653	7 35.7
348	9.161 922	52	9.166 548	53	0.833 452	9.995 374	1	652	8 40.8
349	9.161 974	52	9.166 601	53	0.833 399	9.995 373	1	651	9 45.9
.350	9.162 025	51	9.166 654	53	0.833 346	9.995 372	1	.650	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.350 — 8°.400

8°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.162 025		9.166 654		0.833 346	9.995 372		.650	
351	9.162 077	52	9.166 707	53	0.833 293	9.995 371	1	649	
352	9.162 129	52	9.166 759	52	0.833 241	9.995 369	2	648	
353	9.162 180	51	9.166 812	53	0.833 188	9.995 368	1	647	
		52		53			1		
354	9.162 232	52	9.166 865	53	0.833 135	9.995 367	1	646	
355	9.162 284	52	9.166 917	52	0.833 083	9.995 366	1	645	
356	9.162 335	51	9.166 970	53	0.833 030	9.995 365	1	644	
		52		53			1		
357	9.162 387	52	9.167 023	53	0.832 977	9.995 364	1	643	53
358	9.162 438	51	9.167 076	53	0.832 924	9.995 363	1	642	1 5.3
359	9.162 490	52	9.167 128	52	0.832 872	9.995 362	1	641	2 10.6
		52		53			1		3 15.9
.360	9.162 542	51	9.167 181	53	0.832 819	9.995 361	2	.640	4 21.2
		52		53			1		5 26.5
361	9.162 593	52	9.167 234	52	0.832 766	9.995 359	1	639	6 31.8
362	9.162 645	51	9.167 286	53	0.832 714	9.995 358	1	638	7 37.1
363	9.162 696	52	9.167 339	53	0.832 661	9.995 357	1	637	8 42.4
		52		53			1		9 47.7
364	9.162 748	51	9.167 392	52	0.832 608	9.995 356	1	636	
365	9.162 799	52	9.167 444	52	0.832 556	9.995 355	1	635	
366	9.162 851	52	9.167 497	53	0.832 503	9.995 354	1	634	
		51		53			1		
367	9.162 902	52	9.167 550	52	0.832 450	9.995 353	1	633	
368	9.162 954	52	9.167 602	52	0.832 398	9.995 352	1	632	
369	9.163 006	52	9.167 655	53	0.832 345	9.995 350	2	631	
		51		53			1		
.370	9.163 057	52	9.167 708	52	0.832 292	9.995 349	1	.630	
		51		53			1		52
371	9.163 109	51	9.167 760	53	0.832 240	9.995 348	1	629	1 5.2
372	9.163 160	52	9.167 813	53	0.832 187	9.995 347	1	628	2 10.4
373	9.163 212	51	9.167 866	52	0.832 134	9.995 346	1	627	3 15.6
		52		53			1		4 20.8
374	9.163 263	52	9.167 918	52	0.832 082	9.995 345	1	626	5 26.0
375	9.163 315	51	9.167 971	53	0.832 029	9.995 344	1	625	6 31.2
376	9.163 366	52	9.168 023	52	0.831 977	9.995 343	1	624	7 36.4
		52		53			2		8 41.6
377	9.163 418	51	9.168 076	53	0.831 924	9.995 342	1	623	9 46.8
378	9.163 469	51	9.168 129	53	0.831 871	9.995 340	1	622	
379	9.163 520	52	9.168 181	52	0.831 819	9.995 339	1	621	
		52		53			1		
.380	9.163 572	51	9.168 234	52	0.831 766	9.995 338	1	.620	
		52		53			1		
381	9.163 623	52	9.168 286	53	0.831 714	9.995 337	1	619	
382	9.163 675	51	9.168 339	52	0.831 661	9.995 336	1	618	
383	9.163 726	52	9.168 391	53	0.831 609	9.995 335	1	617	
		52		53			1		
384	9.163 778	51	9.168 444	52	0.831 556	9.995 334	1	616	
385	9.163 829	52	9.168 496	53	0.831 504	9.995 333	1	615	
386	9.163 881	51	9.168 549	52	0.831 451	9.995 332	2	614	51
		52		53			1		1 5.1
387	9.163 932	51	9.168 602	52	0.831 398	9.995 330	1	613	2 10.2
388	9.163 983	52	9.168 654	53	0.831 346	9.995 329	1	612	3 15.3
389	9.164 035	51	9.168 707	52	0.831 293	9.995 328	1	611	4 20.4
		52		53			1		5 25.5
.390	9.164 086	51	9.168 759	52	0.831 241	9.995 327	1	.610	6 30.6
		52		53			1		7 35.7
391	9.164 138	51	9.168 812	52	0.831 188	9.995 326	1	609	8 40.8
392	9.164 189	51	9.168 864	53	0.831 136	9.995 325	1	608	9 45.9
393	9.164 240	52	9.168 917	52	0.831 083	9.995 324	1	607	
		52		53			1		
394	9.164 292	51	9.168 969	52	0.831 031	9.995 323	2	606	
395	9.164 343	51	9.169 022	53	0.830 978	9.995 321	1	605	
396	9.164 394	52	9.169 074	52	0.830 926	9.995 320	1	604	
		52		53			1		
397	9.164 446	51	9.169 127	52	0.830 873	9.995 319	1	603	
398	9.164 497	51	9.169 179	52	0.830 821	9.995 318	1	602	
399	9.164 548	52	9.169 231	53	0.830 769	9.995 317	1	601	
		52		53			1		
.400	9.164 600		9.169 284		0.830 716	9.995 316		.600	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.650 — 81°.600

8°.400 — 8°.450

8°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.164 600		9.169 284		0.830 716	9.995 316		.600	
401	9.164 651	5 ¹	9.169 336	5 ²	0.830 664	9.995 315	1	599	
402	9.164 702	5 ¹	9.169 389	5 ³	0.830 611	9.995 314	1	598	
403	9.164 754	5 ²	9.169 441	5 ²	0.830 559	9.995 313	1	597	
404	9.164 805	5 ¹	9.169 494	5 ³	0.830 506	9.995 311	2	596	
405	9.164 856	5 ¹	9.169 546	5 ²	0.830 454	9.995 310	1	595	
406	9.164 908	5 ²	9.169 598	5 ²	0.830 402	9.995 309	1	594	
407	9.164 959	5 ¹	9.169 651	5 ³	0.830 349	9.995 308	1	593	53
408	9.165 010	5 ¹	9.169 703	5 ²	0.830 297	9.995 307	1	592	1 5.3
409	9.165 061	5 ¹	9.169 756	5 ³	0.830 244	9.995 306	1	591	2 10.6
.410	9.165 113	5 ²	9.169 808	5 ²	0.830 192	9.995 305	1	.590	3 15.9
411	9.165 164	5 ¹	9.169 860	5 ²	0.830 140	9.995 304	1	589	4 21.2
412	9.165 215	5 ¹	9.169 913	5 ³	0.830 087	9.995 302	2	588	5 26.5
413	9.165 267	5 ²	9.169 965	5 ²	0.830 035	9.995 301	1	587	6 31.8
414	9.165 318	5 ¹	9.170 018	5 ³	0.829 982	9.995 300	1	586	7 37.1
415	9.165 369	5 ¹	9.170 070	5 ²	0.829 930	9.995 299	1	585	8 42.4
416	9.165 420	5 ¹	9.170 122	5 ²	0.829 878	9.995 298	1	584	9 47.7
417	9.165 471	5 ¹	9.170 175	5 ³	0.829 825	9.995 297	1	583	
418	9.165 523	5 ²	9.170 227	5 ²	0.829 773	9.995 296	1	582	
419	9.165 574	5 ¹	9.170 279	5 ²	0.829 721	9.995 295	1	581	
.420	9.165 625	5 ¹	9.170 332	5 ³	0.829 668	9.995 293	2	.580	
421	9.165 676	5 ¹	9.170 384	5 ²	0.829 616	9.995 292	1	579	52
422	9.165 728	5 ²	9.170 436	5 ²	0.829 564	9.995 291	1	578	1 5.2
423	9.165 779	5 ¹	9.170 489	5 ³	0.829 511	9.995 290	1	577	2 10.4
424	9.165 830	5 ¹	9.170 541	5 ²	0.829 459	9.995 289	1	576	3 15.6
425	9.165 881	5 ¹	9.170 593	5 ²	0.829 407	9.995 288	1	575	4 20.8
426	9.165 932	5 ¹	9.170 646	5 ³	0.829 354	9.995 287	1	574	5 26.0
427	9.165 983	5 ¹	9.170 698	5 ²	0.829 302	9.995 286	1	573	6 31.2
428	9.166 035	5 ²	9.170 750	5 ²	0.829 250	9.995 284	2	572	7 36.4
429	9.166 086	5 ¹	9.170 802	5 ²	0.829 198	9.995 283	1	571	8 41.6
.430	9.166 137	5 ¹	9.170 855	5 ³	0.829 145	9.995 282	1	.570	9 46.8
431	9.166 188	5 ¹	9.170 907	5 ²	0.829 093	9.995 281	1	569	
432	9.166 239	5 ¹	9.170 959	5 ²	0.829 041	9.995 280	1	568	
433	9.166 290	5 ¹	9.171 011	5 ²	0.828 989	9.995 279	1	567	
434	9.166 341	5 ¹	9.171 064	5 ³	0.828 936	9.995 278	1	566	
435	9.166 393	5 ²	9.171 116	5 ²	0.828 884	9.995 277	1	565	
436	9.166 444	5 ¹	9.171 168	5 ²	0.828 832	9.995 275	2	564	
437	9.166 495	5 ¹	9.171 220	5 ²	0.828 780	9.995 274	1	563	51
438	9.166 546	5 ¹	9.171 273	5 ³	0.828 727	9.995 273	1	562	1 5.1
439	9.166 597	5 ¹	9.171 325	5 ²	0.828 675	9.995 272	1	561	2 10.2
.440	9.166 648	5 ¹	9.171 377	5 ²	0.828 623	9.995 271	1	.560	3 15.3
441	9.166 699	5 ¹	9.171 429	5 ²	0.828 571	9.995 270	1	559	4 20.4
442	9.166 750	5 ¹	9.171 481	5 ²	0.828 519	9.995 269	1	558	5 25.5
443	9.166 801	5 ¹	9.171 534	5 ³	0.828 466	9.995 268	1	557	6 30.6
444	9.166 852	5 ¹	9.171 586	5 ²	0.828 414	9.995 266	2	556	7 35.7
445	9.166 903	5 ¹	9.171 638	5 ²	0.828 362	9.995 265	1	555	8 40.8
446	9.166 954	5 ¹	9.171 690	5 ²	0.828 310	9.995 264	1	554	9 45.9
447	9.167 005	5 ¹	9.171 742	5 ²	0.828 258	9.995 263	1	553	
448	9.167 057	5 ²	9.171 795	5 ³	0.828 205	9.995 262	1	552	
449	9.167 108	5 ¹	9.171 847	5 ²	0.828 153	9.995 261	1	551	
.450	9.167 159	5 ¹	9.171 899	5 ²	0.828 101	9.995 260	1	.550	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.600 — 81°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.450 — 8°.500

8°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.167 159		9.171 899		0.828 101	9.995 260		.550	
451	9.167 210	5 ¹	9.171 951	5 ²	0.828 049	9.995 259	1	549	
452	9.167 261	5 ¹	9.172 003	5 ²	0.827 997	9.995 257	2	548	
453	9.167 312	5 ¹	9.172 055	5 ²	0.827 945	9.995 256	1	547	
							1		53
454	9.167 363	5 ¹	9.172 107	5 ²	0.827 893	9.995 255	1	546	
455	9.167 414	5 ¹	9.172 160	5 ³	0.827 840	9.995 254	1	545	1 5.3
456	9.167 465	5 ¹	9.172 212	5 ²	0.827 788	9.995 253	1	544	2 10.6
							1		3 15.9
457	9.167 516	5 ¹	9.172 264	5 ²	0.827 736	9.995 252	1	543	4 21.2
458	9.167 567	5 ¹	9.172 316	5 ²	0.827 684	9.995 251	1	542	5 26.5
459	9.167 618	5 ¹	9.172 368	5 ²	0.827 632	9.995 250	1	541	6 31.8
							2		7 37.1
.460	9.167 669	5 ¹	9.172 420	5 ²	0.827 580	9.995 248	1	.540	8 42.4
		5 ⁰		5 ²			1	539	9 47.7
461	9.167 719	5 ¹	9.172 472	5 ²	0.827 528	9.995 247	1	538	
462	9.167 770	5 ¹	9.172 524	5 ²	0.827 476	9.995 246	1	537	
463	9.167 821	5 ¹	9.172 576	5 ²	0.827 424	9.995 245	1		52
							1	536	
464	9.167 872	5 ¹	9.172 628	5 ²	0.827 372	9.995 244	1	535	
465	9.167 923	5 ¹	9.172 680	5 ²	0.827 320	9.995 243	1	534	
466	9.167 974	5 ¹	9.172 732	5 ²	0.827 268	9.995 242	1		5.2
							1	533	1 5.2
467	9.168 025	5 ¹	9.172 785	5 ³	0.827 215	9.995 241	2	532	2 10.4
468	9.168 076	5 ¹	9.172 837	5 ²	0.827 163	9.995 239	1	531	3 15.6
469	9.168 127	5 ¹	9.172 889	5 ²	0.827 111	9.995 238	1		4 20.8
							1		5 26.0
.470	9.168 178	5 ¹	9.172 941	5 ²	0.827 059	9.995 237	1	.530	6 31.2
		5 ¹		5 ²			1	529	7 36.4
471	9.168 229	5 ¹	9.172 993	5 ²	0.827 007	9.995 236	1	528	8 41.6
472	9.168 280	5 ¹	9.173 045	5 ²	0.826 955	9.995 235	1	527	9 46.8
473	9.168 330	5 ⁰	9.173 097	5 ²	0.826 903	9.995 234	1		
							1	526	
474	9.168 381	5 ¹	9.173 149	5 ²	0.826 851	9.995 233	1	525	
475	9.168 432	5 ¹	9.173 201	5 ²	0.826 799	9.995 232	2	524	
476	9.168 483	5 ¹	9.173 253	5 ²	0.826 747	9.995 230	1		
							1	523	51
477	9.168 534	5 ¹	9.173 305	5 ²	0.826 695	9.995 229	1	522	
478	9.168 585	5 ¹	9.173 357	5 ²	0.826 643	9.995 228	1	521	1 5.1
479	9.168 636	5 ¹	9.173 409	5 ²	0.826 591	9.995 227	1		2 10.2
							1		3 15.3
.480	9.168 687	5 ¹	9.173 461	5 ²	0.826 539	9.995 226	1	.520	4 20.4
		5 ⁰		5 ²			1	519	5 25.5
481	9.168 737	5 ¹	9.173 513	5 ²	0.826 487	9.995 225	1	518	6 30.6
482	9.168 788	5 ¹	9.173 565	5 ²	0.826 435	9.995 224	2	517	7 35.7
483	9.168 839	5 ¹	9.173 617	5 ²	0.826 383	9.995 222	1	516	8 40.8
							1		9 45.9
484	9.168 890	5 ¹	9.173 668	5 ¹	0.826 332	9.995 221	1	515	
485	9.168 941	5 ¹	9.173 720	5 ²	0.826 280	9.995 220	1	514	
486	9.168 991	5 ⁰	9.173 772	5 ²	0.826 228	9.995 219	1		
							1	513	
487	9.169 042	5 ¹	9.173 824	5 ²	0.826 176	9.995 218	1	512	
488	9.169 093	5 ¹	9.173 876	5 ²	0.826 124	9.995 217	1	511	
489	9.169 144	5 ¹	9.173 928	5 ²	0.826 072	9.995 216	1		50
							1		
.490	9.169 195	5 ¹	9.173 980	5 ²	0.826 020	9.995 215	2	.510	1 5.0
		5 ⁰		5 ²			1	509	2 10.0
491	9.169 245	5 ¹	9.174 032	5 ²	0.825 968	9.995 213	1	508	3 15.0
492	9.169 296	5 ¹	9.174 084	5 ²	0.825 916	9.995 212	1	507	4 20.0
493	9.169 347	5 ¹	9.174 136	5 ²	0.825 864	9.995 211	1		5 25.0
							1	506	6 30.0
494	9.169 398	5 ¹	9.174 188	5 ²	0.825 812	9.995 210	1	505	7 35.0
495	9.169 448	5 ⁰	9.174 240	5 ²	0.825 760	9.995 209	1	504	8 40.0
496	9.169 499	5 ¹	9.174 291	5 ¹	0.825 709	9.995 208	1		9 45.0
							1	503	
497	9.169 550	5 ¹	9.174 343	5 ²	0.825 657	9.995 207	1	502	
498	9.169 601	5 ¹	9.174 395	5 ²	0.825 605	9.995 206	2	501	
499	9.169 651	5 ⁰	9.174 447	5 ²	0.825 553	9.995 204	1		
							1		
.500	9.169 702	5 ¹	9.174 499	5 ²	0.825 501	9.995 203		.500	
								81°	P.P.
	cos	d	cotg	d	tang	sin	d		

81°.550 — 81°.500

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$8^{\circ}.500 - 8^{\circ}.550$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.169 702		9.174 499		0.825 501	9.995 203		.500	
501	9.169 753	51	9.174 551	52	0.825 449	9.995 202	1	499	
502	9.169 804	51	9.174 603	52	0.825 397	9.995 201	1	498	
503	9.169 854	50	9.174 654	51	0.825 346	9.995 200	1	497	
504	9.169 905	51	9.174 706	52	0.825 294	9.995 199	1	496	
505	9.169 956	51	9.174 758	52	0.825 242	9.995 198	1	495	
506	9.170 006	50	9.174 810	52	0.825 190	9.995 196	2	494	
507	9.170 057	51	9.174 862	52	0.825 138	9.995 195	1	493	52
508	9.170 108	51	9.174 913	51	0.825 087	9.995 194	1	492	1 5.2
509	9.170 158	50	9.174 965	52	0.825 035	9.995 193	1	491	2 10.4
.510	9.170 209	51	9.175 017	52	0.824 983	9.995 192	1	.490	3 15.6
511	9.170 260	51	9.175 069	52	0.824 931	9.995 191	1	489	4 20.8
512	9.170 310	50	9.175 121	52	0.824 879	9.995 190	1	488	5 26.0
513	9.170 361	51	9.175 172	51	0.824 828	9.995 189	1	487	6 31.2
514	9.170 412	51	9.175 224	52	0.824 776	9.995 187	2	486	7 36.4
515	9.170 462	50	9.175 276	52	0.824 724	9.995 186	1	485	8 41.6
516	9.170 513	51	9.175 328	52	0.824 672	9.995 185	1	484	9 46.8
517	9.170 563	50	9.175 379	51	0.824 621	9.995 184	1	483	
518	9.170 614	51	9.175 431	52	0.824 569	9.995 183	1	482	
519	9.170 665	51	9.175 483	52	0.824 517	9.995 182	1	481	
.520	9.170 715	50	9.175 535	52	0.824 465	9.995 181	1	.480	
521	9.170 766	51	9.175 586	51	0.824 414	9.995 179	2	479	51
522	9.170 816	50	9.175 638	52	0.824 362	9.995 178	1	478	
523	9.170 867	51	9.175 690	52	0.824 310	9.995 177	1	477	1 5.1
524	9.170 918	51	9.175 742	52	0.824 258	9.995 176	1	476	2 10.2
525	9.170 968	50	9.175 793	51	0.824 207	9.995 175	1	475	3 15.3
526	9.171 019	51	9.175 845	52	0.824 155	9.995 174	1	474	4 20.4
527	9.171 069	50	9.175 897	52	0.824 103	9.995 173	1	473	5 25.5
528	9.171 120	51	9.175 948	51	0.824 052	9.995 171	2	472	6 30.6
529	9.171 170	50	9.176 000	52	0.824 000	9.995 170	1	471	7 35.7
.530	9.171 221	51	9.176 052	52	0.823 948	9.995 169	1	.470	8 40.8
531	9.171 271	50	9.176 103	51	0.823 897	9.995 168	1	469	9 45.9
532	9.171 322	51	9.176 155	52	0.823 845	9.995 167	1	468	
533	9.171 372	50	9.176 207	52	0.823 793	9.995 166	1	467	
534	9.171 423	51	9.176 258	51	0.823 742	9.995 165	1	466	
535	9.171 474	51	9.176 310	52	0.823 690	9.995 164	1	465	
536	9.171 524	50	9.176 362	52	0.823 638	9.995 162	2	464	
537	9.171 575	51	9.176 413	51	0.823 587	9.995 161	1	463	50
538	9.171 625	50	9.176 465	52	0.823 535	9.995 160	1	462	1 5.0
539	9.171 676	51	9.176 517	52	0.823 483	9.995 159	1	461	2 10.0
.540	9.171 726	50	9.176 568	51	0.823 432	9.995 158	1	.460	3 15.0
541	9.171 776	50	9.176 620	52	0.823 380	9.995 157	1	459	4 20.0
542	9.171 827	51	9.176 671	51	0.823 329	9.995 156	1	458	5 25.0
543	9.171 877	50	9.176 723	52	0.823 277	9.995 154	2	457	6 30.0
544	9.171 928	51	9.176 775	52	0.823 225	9.995 153	1	456	7 35.0
545	9.171 978	50	9.176 826	51	0.823 174	9.995 152	1	455	8 40.0
546	9.172 029	51	9.176 878	52	0.823 122	9.995 151	1	454	9 45.0
547	9.172 079	50	9.176 929	51	0.823 071	9.995 150	1	453	
548	9.172 130	51	9.176 981	52	0.823 019	9.995 149	1	452	
549	9.172 180	50	9.177 032	51	0.822 968	9.995 148	1	451	
.550	9.172 230	50	9.177 084	52	0.822 916	9.995 146	2	.450	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

$81^{\circ}.500 - 81^{\circ}.450$

8°.550 — 8°.600

8°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.172 230		9.177 084		0.822 916	9.995 146		.450	
551	9.172 281	51	9.177 136	52	0.822 864	9.995 145	1	449	
552	9.172 331	50	9.177 187	51	0.822 813	9.995 144	1	448	
553	9.172 382	51	9.177 239	52	0.822 761	9.995 143	1	447	
		50		51			1		
554	9.172 432	50	9.177 290	51	0.822 710	9.995 142	1	446	
555	9.172 482	50	9.177 342	52	0.822 658	9.995 141	1	445	
556	9.172 533	51	9.177 393	51	0.822 607	9.995 140	1	444	
		50		52			2		
557	9.172 583	50	9.177 445	52	0.822 555	9.995 138	1	443	52
558	9.172 634	51	9.177 496	51	0.822 504	9.995 137	1	442	1 5.2
559	9.172 684	50	9.177 548	52	0.822 452	9.995 136	1	441	2 10.4
		50		51			1		3 15.6
.560	9.172 734	51	9.177 599	52	0.822 401	9.995 135	1	.440	4 20.8
		50		51			1		5 26.0
561	9.172 785	50	9.177 651	51	0.822 349	9.995 134	1	439	6 31.2
562	9.172 835	50	9.177 702	51	0.822 298	9.995 133	1	438	7 36.4
563	9.172 885	50	9.177 754	52	0.822 246	9.995 132	1	437	8 41.6
		51		51			2		9 46.8
564	9.172 936	50	9.177 805	51	0.822 195	9.995 130	1	436	
565	9.172 986	50	9.177 857	52	0.822 143	9.995 129	1	435	
566	9.173 036	50	9.177 908	51	0.822 092	9.995 128	1	434	
		51		52			1		
567	9.173 087	50	9.177 960	51	0.822 040	9.995 127	1	433	
568	9.173 137	50	9.178 011	51	0.821 989	9.995 126	1	432	
569	9.173 187	50	9.178 063	52	0.821 937	9.995 125	1	431	
		51		51			1		
.570	9.173 238	50	9.178 114	51	0.821 886	9.995 124	2	.430	
		50		51			1		51
571	9.173 288	50	9.178 165	52	0.821 835	9.995 122	1	429	
572	9.173 338	50	9.178 217	51	0.821 783	9.995 121	1	428	
573	9.173 388	51	9.178 268	52	0.821 732	9.995 120	1	427	1 5.1
		50		51			1		2 10.2
574	9.173 439	50	9.178 320	51	0.821 680	9.995 119	1	426	3 15.3
575	9.173 489	50	9.178 371	52	0.821 629	9.995 118	1	425	4 20.4
576	9.173 539	50	9.178 423	51	0.821 577	9.995 117	1	424	5 25.5
		51		51			1		6 30.6
577	9.173 590	50	9.178 474	51	0.821 526	9.995 116	2	423	7 35.7
578	9.173 640	50	9.178 525	51	0.821 475	9.995 114	1	422	8 40.8
579	9.173 690	50	9.178 577	52	0.821 423	9.995 113	1	421	9 45.9
		50		51			1		
.580	9.173 740	51	9.178 628	51	0.821 372	9.995 112	1	.420	
		50		51			1		
581	9.173 791	50	9.178 679	52	0.821 321	9.995 111	1	419	
582	9.173 841	50	9.178 731	51	0.821 269	9.995 110	1	418	
583	9.173 891	50	9.178 782	51	0.821 218	9.995 109	1	417	
		50		52			1		
584	9.173 941	50	9.178 834	51	0.821 166	9.995 108	2	416	
585	9.173 991	51	9.178 885	51	0.821 115	9.995 106	1	415	
586	9.174 042	50	9.178 936	51	0.821 064	9.995 105	1	414	
		50		52			1		50
587	9.174 092	50	9.178 988	51	0.821 012	9.995 104	1	413	1 5.0
588	9.174 142	50	9.179 039	51	0.820 961	9.995 103	1	412	2 10.0
589	9.174 192	50	9.179 090	51	0.820 910	9.995 102	1	411	3 15.0
		50		52			1		4 20.0
.590	9.174 242	51	9.179 142	51	0.820 858	9.995 101	1	.410	5 25.0
		50		51			1		6 30.0
591	9.174 293	50	9.179 193	51	0.820 807	9.995 100	2	409	7 35.0
592	9.174 343	50	9.179 244	52	0.820 756	9.995 098	1	408	8 40.0
593	9.174 393	50	9.179 296	51	0.820 704	9.995 097	1	407	9 45.0
		50		51			1		
594	9.174 443	50	9.179 347	51	0.820 653	9.995 096	1	406	
595	9.174 493	50	9.179 398	51	0.820 602	9.995 095	1	405	
596	9.174 543	50	9.179 449	51	0.820 551	9.995 094	1	404	
		50		52			1		
597	9.174 593	51	9.179 501	51	0.820 499	9.995 093	1	403	
598	9.174 644	50	9.179 552	51	0.820 448	9.995 092	1	402	
599	9.174 694	50	9.179 603	51	0.820 397	9.995 090	2	401	
		50		52			1		
.600	9.174 744		9.179 655		0.820 345	9.995 089		.400	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

8°.600 — 8°.650

8°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.174 744		9.179 655		0.820 345	9.995 089		.400	
601	9.174 794	50	9.179 706	51	0.820 294	9.995 088	1	399	
602	9.174 844	50	9.179 757	51	0.820 243	9.995 087	1	398	
603	9.174 894	50	9.179 808	51	0.820 192	9.995 086	1	397	
604	9.174 944	50	9.179 860	52	0.820 140	9.995 085	1	396	52
605	9.174 994	50	9.179 911	51	0.820 089	9.995 084	1	395	1 5.2
606	9.175 044	50	9.179 962	51	0.820 038	9.995 082	2	394	2 10.4
607	9.175 095	51	9.180 013	51	0.819 987	9.995 081	1	393	3 15.6
608	9.175 145	50	9.180 064	51	0.819 936	9.995 080	1	392	4 20.8
609	9.175 195	50	9.180 116	52	0.819 884	9.995 079	1	391	5 26.0
.610	9.175 245	50	9.180 167	51	0.819 833	9.995 078	1	.390	6 31.2
611	9.175 295	50	9.180 218	51	0.819 782	9.995 077	1	389	7 36.4
612	9.175 345	50	9.180 269	51	0.819 731	9.995 076	1	388	8 41.6
613	9.175 395	50	9.180 321	52	0.819 679	9.995 074	2	387	9 46.8
614	9.175 445	50	9.180 372	51	0.819 628	9.995 073	1	386	
615	9.175 495	50	9.180 423	51	0.819 577	9.995 072	1	385	
616	9.175 545	50	9.180 474	51	0.819 526	9.995 071	1	384	51
617	9.175 595	50	9.180 525	51	0.819 475	9.995 070	1	383	1 5.1
618	9.175 645	50	9.180 576	51	0.819 424	9.995 069	1	382	2 10.2
619	9.175 695	50	9.180 628	52	0.819 372	9.995 067	2	381	3 15.3
.620	9.175 745	50	9.180 679	51	0.819 321	9.995 066	1	.380	4 20.4
621	9.175 795	50	9.180 730	51	0.819 270	9.995 065	1	379	5 25.5
622	9.175 845	50	9.180 781	51	0.819 219	9.995 064	1	378	6 30.6
623	9.175 895	50	9.180 832	51	0.819 168	9.995 063	1	377	7 35.7
624	9.175 945	50	9.180 883	51	0.819 117	9.995 062	1	376	8 40.8
625	9.175 995	50	9.180 934	51	0.819 066	9.995 061	1	375	9 45.9
626	9.176 045	50	9.180 986	52	0.819 014	9.995 059	2	374	
627	9.176 095	50	9.181 037	51	0.818 963	9.995 058	1	373	
628	9.176 145	50	9.181 088	51	0.818 912	9.995 057	1	372	50
629	9.176 195	50	9.181 139	51	0.818 861	9.995 056	1	371	1 5.0
.630	9.176 245	50	9.181 190	51	0.818 810	9.995 055	1	.370	2 10.0
631	9.176 295	50	9.181 241	51	0.818 759	9.995 054	1	369	3 15.0
632	9.176 345	50	9.181 292	51	0.818 708	9.995 053	1	368	4 20.0
633	9.176 395	50	9.181 343	51	0.818 657	9.995 051	2	367	5 25.0
634	9.176 445	50	9.181 394	51	0.818 606	9.995 050	1	366	6 30.0
635	9.176 494	49	9.181 445	51	0.818 555	9.995 049	1	365	7 35.0
636	9.176 544	50	9.181 496	51	0.818 504	9.995 048	1	364	8 40.0
637	9.176 594	50	9.181 547	51	0.818 453	9.995 047	1	363	9 45.0
638	9.176 644	50	9.181 598	51	0.818 402	9.995 046	1	362	
639	9.176 694	50	9.181 650	52	0.818 350	9.995 044	2	361	
.640	9.176 744	50	9.181 701	51	0.818 299	9.995 043	1	.360	49
641	9.176 794	50	9.181 752	51	0.818 248	9.995 042	1	359	1 4.9
642	9.176 844	50	9.181 803	51	0.818 197	9.995 041	1	358	2 9.8
643	9.176 894	50	9.181 854	51	0.818 146	9.995 040	1	357	3 14.7
644	9.176 943	49	9.181 905	51	0.818 095	9.995 039	1	356	4 19.6
645	9.176 993	50	9.181 956	51	0.818 044	9.995 038	1	355	5 24.5
646	9.177 043	50	9.182 007	51	0.817 993	9.995 036	2	354	6 29.4
647	9.177 093	50	9.182 058	51	0.817 942	9.995 035	1	353	7 34.3
648	9.177 143	50	9.182 109	51	0.817 891	9.995 034	1	352	8 39.2
649	9.177 193	50	9.182 160	51	0.817 840	9.995 033	1	351	9 44.1
.650	9.177 242	49	9.182 211	51	0.817 789	9.995 032	1	.350	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.400 — 81°.350

8°.650 — 8°.700

8°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.177 242		9.182 211		0.817 789	9.995 032		.350	
651	9.177 292	50	9.182 262	51	0.817 738	9.995 031	1	349	
652	9.177 342	50	9.182 313	51	0.817 687	9.995 030	1	348	
653	9.177 392	50	9.182 364	51	0.817 636	9.995 028	2	347	
654	9.177 442	50	9.182 415	51	0.817 585	9.995 027	1	346	
655	9.177 492	50	9.182 465	50	0.817 535	9.995 026	1	345	
656	9.177 541	49	9.182 516	51	0.817 484	9.995 025	1	344	
657	9.177 591	50	9.182 567	51	0.817 433	9.995 024	1	343	51
658	9.177 641	50	9.182 618	51	0.817 382	9.995 023	1	342	1 5.1
659	9.177 691	50	9.182 669	51	0.817 331	9.995 021	2	341	2 10.2
.660	9.177 740	49	9.182 720	51	0.817 280	9.995 020	1	.340	3 15.3
661	9.177 790	50	9.182 771	51	0.817 229	9.995 019	1	339	4 20.4
662	9.177 840	50	9.182 822	51	0.817 178	9.995 018	1	338	5 25.5
663	9.177 890	50	9.182 873	51	0.817 127	9.995 017	1	337	6 30.6
664	9.177 939	49	9.182 924	51	0.817 076	9.995 016	1	336	7 35.7
665	9.177 989	50	9.182 975	51	0.817 025	9.995 015	1	335	8 40.8
666	9.178 039	50	9.183 026	51	0.816 974	9.995 013	2	334	9 45.9
667	9.178 089	50	9.183 076	50	0.816 924	9.995 012	1	333	
668	9.178 138	49	9.183 127	51	0.816 873	9.995 011	1	332	
669	9.178 188	50	9.183 178	51	0.816 822	9.995 010	1	331	
.670	9.178 238	50	9.183 229	51	0.816 771	9.995 009	1	.330	
671	9.178 288	50	9.183 280	51	0.816 720	9.995 008	1	329	50
672	9.178 337	49	9.183 331	51	0.816 669	9.995 006	2	328	
673	9.178 387	50	9.183 382	51	0.816 618	9.995 005	1	327	1 5.0
674	9.178 437	50	9.183 432	50	0.816 568	9.995 004	1	326	2 10.0
675	9.178 486	49	9.183 483	51	0.816 517	9.995 003	1	325	3 15.0
676	9.178 536	50	9.183 534	51	0.816 466	9.995 002	1	324	4 20.0
677	9.178 586	50	9.183 585	51	0.816 415	9.995 001	1	323	5 25.0
678	9.178 635	49	9.183 636	51	0.816 364	9.994 999	2	322	6 30.0
679	9.178 685	50	9.183 687	51	0.816 313	9.994 998	1	321	7 35.0
.680	9.178 735	50	9.183 737	50	0.816 263	9.994 997	1	.320	8 40.0
681	9.178 784	49	9.183 788	51	0.816 212	9.994 996	1	319	9 45.0
682	9.178 834	50	9.183 839	51	0.816 161	9.994 995	1	318	
683	9.178 884	50	9.183 890	51	0.816 110	9.994 994	1	317	
684	9.178 933	49	9.183 941	51	0.816 059	9.994 993	1	316	
685	9.178 983	50	9.183 991	50	0.816 009	9.994 991	2	315	
686	9.179 032	49	9.184 042	51	0.815 958	9.994 990	1	314	
687	9.179 082	50	9.184 093	51	0.815 907	9.994 989	1	313	49
688	9.179 132	50	9.184 144	51	0.815 856	9.994 988	1	312	1 4.9
689	9.179 181	49	9.184 194	50	0.815 806	9.994 987	1	311	2 9.8
.690	9.179 231	50	9.184 245	51	0.815 755	9.994 986	1	.310	3 14.7
691	9.179 280	49	9.184 296	51	0.815 704	9.994 984	2	309	4 19.6
692	9.179 330	50	9.184 347	51	0.815 653	9.994 983	1	308	5 24.5
693	9.179 380	50	9.184 397	50	0.815 603	9.994 982	1	307	6 29.4
694	9.179 429	49	9.184 448	51	0.815 552	9.994 981	1	306	7 34.3
695	9.179 479	50	9.184 499	51	0.815 501	9.994 980	1	305	8 39.2
696	9.179 528	49	9.184 550	51	0.815 450	9.994 979	1	304	9 44.1
697	9.179 578	50	9.184 600	50	0.815 400	9.994 977	2	303	
698	9.179 627	49	9.184 651	51	0.815 349	9.994 976	1	302	
699	9.179 677	50	9.184 702	51	0.815 298	9.994 975	1	301	
.700	9.179 726	49	9.184 752	50	0.815 248	9.994 974	1	.300	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

8°.700 — 8°.750

8°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.179 726		9.184 752		0.815 248	9.994 974		.300	
701	9.179 776	50	9.184 803	51	0.815 197	9.994 973	1	299	
702	9.179 826	50	9.184 854	51	0.815 146	9.994 972	1	298	
703	9.179 875	49	9.184 905	51	0.815 095	9.994 971	1	297	
704	9.179 925	50	9.184 955	50	0.815 045	9.994 969	2	296	
705	9.179 974	49	9.185 006	51	0.814 994	9.994 968	1	295	
706	9.180 024	50	9.185 057	51	0.814 943	9.994 967	1	294	
707	9.180 073	49	9.185 107	50	0.814 893	9.994 966	1	293	51
708	9.180 123	50	9.185 158	51	0.814 842	9.994 965	1	292	1 5.1
709	9.180 172	49	9.185 208	50	0.814 792	9.994 964	1	291	2 10.2
.710	9.180 222	50	9.185 259	51	0.814 741	9.994 962	2	.290	3 15.3
711	9.180 271	49	9.185 310	51	0.814 690	9.994 961	1	289	4 20.4
712	9.180 320	49	9.185 360	50	0.814 640	9.994 960	1	288	5 25.5
713	9.180 370	50	9.185 411	51	0.814 589	9.994 959	1	287	6 30.6
714	9.180 419	49	9.185 462	51	0.814 538	9.994 958	1	286	7 35.7
715	9.180 469	50	9.185 512	50	0.814 488	9.994 957	1	285	8 40.8
716	9.180 518	49	9.185 563	51	0.814 437	9.994 955	2	284	9 45.9
717	9.180 568	50	9.185 613	50	0.814 387	9.994 954	1	283	
718	9.180 617	49	9.185 664	51	0.814 336	9.994 953	1	282	
719	9.180 667	50	9.185 715	51	0.814 285	9.994 952	1	281	
.720	9.180 716	49	9.185 765	50	0.814 235	9.994 951	1	.280	
721	9.180 765	49	9.185 816	51	0.814 184	9.994 950	1	279	50
722	9.180 815	50	9.185 866	50	0.814 134	9.994 948	2	278	
723	9.180 864	49	9.185 917	51	0.814 083	9.994 947	1	277	1 5.0
724	9.180 914	50	9.185 968	51	0.814 032	9.994 946	1	276	2 10.0
725	9.180 963	49	9.186 018	50	0.813 982	9.994 945	1	275	3 15.0
726	9.181 012	49	9.186 069	51	0.813 931	9.994 944	1	274	4 20.0
727	9.181 062	50	9.186 119	50	0.813 881	9.994 943	1	273	5 25.0
728	9.181 111	49	9.186 170	51	0.813 830	9.994 941	2	272	6 30.0
729	9.181 161	50	9.186 220	50	0.813 780	9.994 940	1	271	7 35.0
.730	9.181 210	49	9.186 271	51	0.813 729	9.994 939	1	.270	8 40.0
731	9.181 259	49	9.186 321	50	0.813 679	9.994 938	1	269	9 45.0
732	9.181 309	50	9.186 372	51	0.813 628	9.994 937	1	268	
733	9.181 358	49	9.186 422	50	0.813 578	9.994 936	1	267	
734	9.181 407	49	9.186 473	51	0.813 527	9.994 934	2	266	
735	9.181 457	50	9.186 523	50	0.813 477	9.994 933	1	265	
736	9.181 506	49	9.186 574	51	0.813 426	9.994 932	1	264	49
737	9.181 555	49	9.186 624	50	0.813 376	9.994 931	1	263	1 4.9
738	9.181 605	50	9.186 675	51	0.813 325	9.994 930	1	262	2 9.8
739	9.181 654	49	9.186 725	50	0.813 275	9.994 929	1	261	3 14.7
.740	9.181 703	49	9.186 776	51	0.813 224	9.994 927	2	.260	4 19.6
741	9.181 753	50	9.186 826	50	0.813 174	9.994 926	1	259	5 24.5
742	9.181 802	49	9.186 877	51	0.813 123	9.994 925	1	258	6 29.4
743	9.181 851	49	9.186 927	50	0.813 073	9.994 924	1	257	7 34.3
744	9.181 900	49	9.186 978	51	0.813 022	9.994 923	1	256	8 39.2
745	9.181 950	50	9.187 028	50	0.812 972	9.994 922	1	255	9 44.1
746	9.181 999	49	9.187 078	50	0.812 922	9.994 920	2	254	
747	9.182 048	49	9.187 129	51	0.812 871	9.994 919	1	253	
748	9.182 097	49	9.187 179	50	0.812 821	9.994 918	1	252	
749	9.182 147	50	9.187 230	51	0.812 770	9.994 917	1	251	
.750	9.182 196	49	9.187 280	50	0.812 720	9.994 916	1	.250	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$8^{\circ}.750 - 8^{\circ}.800$

8°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.182 196		9.187 280		0.812 720	9.994 916		.250	
751	9.182 245	49	9.187 331	51	0.812 669	9.994 915	1	249	
752	9.182 294	49	9.187 381	50	0.812 619	9.994 913	2	248	
753	9.182 344	50	9.187 431	50	0.812 569	9.994 912	1	247	
754	9.182 393	49	9.187 482	51	0.812 518	9.994 911	1	246	
755	9.182 442	49	9.187 532	50	0.812 468	9.994 910	1	245	
756	9.182 491	49	9.187 583	51	0.812 417	9.994 909	1	244	
757	9.182 541	50	9.187 633	50	0.812 367	9.994 908	1	243	51
758	9.182 590	49	9.187 683	50	0.812 317	9.994 906	2	242	1 5.1
759	9.182 639	49	9.187 734	51	0.812 266	9.994 905	1	241	2 10.2
.760	9.182 688	49	9.187 784	50	0.812 216	9.994 904	1	.240	3 15.3
761	9.182 737	49	9.187 834	50	0.812 166	9.994 903	1	239	4 20.4
762	9.182 787	50	9.187 885	51	0.812 115	9.994 902	1	238	5 25.5
763	9.182 836	49	9.187 935	50	0.812 065	9.994 901	1	237	6 30.6
764	9.182 885	49	9.187 985	50	0.812 015	9.994 899	2	236	7 35.7
765	9.182 934	49	9.188 036	51	0.811 964	9.994 898	1	235	8 40.8
766	9.182 983	49	9.188 086	50	0.811 914	9.994 897	1	234	9 45.9
767	9.183 032	49	9.188 136	50	0.811 864	9.994 896	1	233	
768	9.183 082	50	9.188 187	51	0.811 813	9.994 895	1	232	
769	9.183 131	49	9.188 237	50	0.811 763	9.994 894	1	231	
.770	9.183 180	49	9.188 287	50	0.811 713	9.994 892	2	.230	
771	9.183 229	49	9.188 338	51	0.811 662	9.994 891	1	229	50
772	9.183 278	49	9.188 388	50	0.811 612	9.994 890	1	228	
773	9.183 327	49	9.188 438	50	0.811 562	9.994 889	1	227	1 5.0
774	9.183 376	49	9.188 488	50	0.811 512	9.994 888	1	226	2 10.0
775	9.183 425	49	9.188 539	51	0.811 461	9.994 887	1	225	3 15.0
776	9.183 474	49	9.188 589	50	0.811 411	9.994 885	2	224	4 20.0
777	9.183 524	50	9.188 639	50	0.811 361	9.994 884	1	223	5 25.0
778	9.183 573	49	9.188 690	51	0.811 310	9.994 883	1	222	6 30.0
779	9.183 622	49	9.188 740	50	0.811 260	9.994 882	1	221	7 35.0
.780	9.183 671	49	9.188 790	50	0.811 210	9.994 881	1	.220	8 40.0
781	9.183 720	49	9.188 840	50	0.811 160	9.994 880	1	219	9 45.0
782	9.183 769	49	9.188 891	51	0.811 109	9.994 878	2	218	
783	9.183 818	49	9.188 941	50	0.811 059	9.994 877	1	217	
784	9.183 867	49	9.188 991	50	0.811 009	9.994 876	1	216	
785	9.183 916	49	9.189 041	50	0.810 959	9.994 875	1	215	
786	9.183 965	49	9.189 091	50	0.810 909	9.994 874	1	214	
787	9.184 014	49	9.189 142	51	0.810 858	9.994 873	1	213	49
788	9.184 063	49	9.189 192	50	0.810 808	9.994 871	2	212	1 4.9
789	9.184 112	49	9.189 242	50	0.810 758	9.994 870	1	211	2 9.8
.790	9.184 161	49	9.189 292	50	0.810 708	9.994 869	1	.210	3 14.7
791	9.184 210	49	9.189 342	50	0.810 658	9.994 868	1	209	4 19.6
792	9.184 259	49	9.189 393	51	0.810 607	9.994 867	1	208	5 24.5
793	9.184 308	49	9.189 443	50	0.810 557	9.994 866	1	207	6 29.4
794	9.184 357	49	9.189 493	50	0.810 507	9.994 864	2	206	7 34.3
795	9.184 406	49	9.189 543	50	0.810 457	9.994 863	1	205	8 39.2
796	9.184 455	49	9.189 593	50	0.810 407	9.994 862	1	204	9 44.1
797	9.184 504	49	9.189 643	50	0.810 357	9.994 861	1	203	
798	9.184 553	49	9.189 694	51	0.810 306	9.994 860	1	202	
799	9.184 602	49	9.189 744	50	0.810 256	9.994 858	2	201	
.800	9.184 651	49	9.189 794	50	0.810 206	9.994 857	1	.200	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

$81^{\circ}.250 - 81^{\circ}.200$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

8°.800 — 8°.850

8°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.184 651		9.189 794		0.810 206	9.994 857		.200	
801	9.184 700	49	9.189 844	50	0.810 156	9.994 856	1	199	
802	9.184 749	49	9.189 894	50	0.810 106	9.994 855	1	198	
803	9.184 798	49	9.189 944	50	0.810 056	9.994 854	1	197	
804	9.184 847	49	9.189 994	50	0.810 006	9.994 853	1	196	51
805	9.184 896	49	9.190 045	51	0.809 955	9.994 851	2	195	1 5.1
806	9.184 945	49	9.190 095	50	0.809 905	9.994 850	1	194	2 10.2
807	9.184 994	49	9.190 145	50	0.809 855	9.994 849	1	193	3 15.3
808	9.185 043	49	9.190 195	50	0.809 805	9.994 848	1	192	4 20.4
809	9.185 092	49	9.190 245	50	0.809 755	9.994 847	1	191	5 25.5
.810	9.185 141	49	9.190 295	50	0.809 705	9.994 846	1	.190	6 30.6
811	9.185 189	48	9.190 345	50	0.809 655	9.994 844	2	189	7 35.7
812	9.185 238	49	9.190 395	50	0.809 605	9.994 843	1	188	8 40.8
813	9.185 287	49	9.190 445	50	0.809 555	9.994 842	1	187	9 45.9
814	9.185 336	49	9.190 495	50	0.809 505	9.994 841	1	186	
815	9.185 385	49	9.190 545	50	0.809 455	9.994 840	1	185	
816	9.185 434	49	9.190 595	50	0.809 405	9.994 839	1	184	50
817	9.185 483	49	9.190 645	50	0.809 355	9.994 837	2	183	1 5.0
818	9.185 532	49	9.190 695	50	0.809 305	9.994 836	1	182	2 10.0
819	9.185 581	49	9.190 745	50	0.809 255	9.994 835	1	181	3 15.0
.820	9.185 629	48	9.190 796	51	0.809 204	9.994 834	1	.180	4 20.0
821	9.185 678	49	9.190 846	50	0.809 154	9.994 833	1	179	5 25.0
822	9.185 727	49	9.190 896	50	0.809 104	9.994 831	2	178	6 30.0
823	9.185 776	49	9.190 946	50	0.809 054	9.994 830	1	177	7 35.0
824	9.185 825	49	9.190 996	50	0.809 004	9.994 829	1	176	8 40.0
825	9.185 874	49	9.191 046	50	0.808 954	9.994 828	1	175	9 45.0
826	9.185 922	48	9.191 096	50	0.808 904	9.994 827	1	174	
827	9.185 971	49	9.191 146	50	0.808 854	9.994 826	1	173	
828	9.186 020	49	9.191 196	50	0.808 804	9.994 824	2	172	49
829	9.186 069	49	9.191 246	50	0.808 754	9.994 823	1	171	1 4.9
.830	9.186 118	49	9.191 296	50	0.808 704	9.994 822	1	.170	2 9.8
831	9.186 166	48	9.191 345	49	0.808 655	9.994 821	1	169	3 14.7
832	9.186 215	49	9.191 395	50	0.808 605	9.994 820	1	168	4 19.6
833	9.186 264	49	9.191 445	50	0.808 555	9.994 819	1	167	5 24.5
834	9.186 313	49	9.191 495	50	0.808 505	9.994 817	2	166	6 29.4
835	9.186 361	48	9.191 545	50	0.808 455	9.994 816	1	165	7 34.3
836	9.186 410	49	9.191 595	50	0.808 405	9.994 815	1	164	8 39.2
837	9.186 459	49	9.191 645	50	0.808 355	9.994 814	1	163	9 44.1
838	9.186 508	49	9.191 695	50	0.808 305	9.994 813	1	162	
839	9.186 556	48	9.191 745	50	0.808 255	9.994 811	2	161	
.840	9.186 605	49	9.191 795	50	0.808 205	9.994 810	1	.160	48
841	9.186 654	49	9.191 845	50	0.808 155	9.994 809	1	159	1 4.8
842	9.186 703	49	9.191 895	50	0.808 105	9.994 808	1	158	2 9.6
843	9.186 751	48	9.191 945	50	0.808 055	9.994 807	1	157	3 14.4
844	9.186 800	49	9.191 995	50	0.808 005	9.994 806	1	156	4 19.2
845	9.186 849	49	9.192 044	49	0.807 956	9.994 804	2	155	5 24.0
846	9.186 898	49	9.192 094	50	0.807 906	9.994 803	1	154	6 28.8
847	9.186 946	48	9.192 144	50	0.807 856	9.994 802	1	153	7 33.6
848	9.186 995	49	9.192 194	50	0.807 806	9.994 801	1	152	8 38.4
849	9.187 044	49	9.192 244	50	0.807 756	9.994 800	1	151	9 43.2
.850	9.187 092	48	9.192 294	50	0.807 706	9.994 798	2	.150	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.200 — 81°.150

8°.850 — 8°.900

8°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.187 092		9.192 294		0.807 706	9.994 798		.150	
851	9.187 141	49	9.192 344	50	0.807 656	9.994 797	1	149	
852	9.187 190	49	9.192 394	50	0.807 606	9.994 796	1	148	
853	9.187 238	48	9.192 443	49	0.807 557	9.994 795	1	147	
854	9.187 287	49	9.192 493	50	0.807 507	9.994 794	1	146	
855	9.187 336	49	9.192 543	50	0.807 457	9.994 793	1	145	
856	9.187 384	48	9.192 593	50	0.807 407	9.994 791	2	144	
857	9.187 433	49	9.192 643	50	0.807 357	9.994 790	1	143	50
858	9.187 482	49	9.192 693	50	0.807 307	9.994 789	1	142	1 5.0
859	9.187 530	48	9.192 742	49	0.807 258	9.994 788	1	141	2 10.0
.860	9.187 579	49	9.192 792	50	0.807 208	9.994 787	1	.140	3 15.0
861	9.187 627	48	9.192 842	50	0.807 158	9.994 785	2	139	4 20.0
862	9.187 676	49	9.192 892	50	0.807 108	9.994 784	1	138	5 25.0
863	9.187 725	49	9.192 942	50	0.807 058	9.994 783	1	137	6 30.0
864	9.187 773	48	9.192 991	49	0.807 009	9.994 782	1	136	7 35.0
865	9.187 822	49	9.193 041	50	0.806 959	9.994 781	1	135	8 40.0
866	9.187 871	49	9.193 091	50	0.806 909	9.994 780	1	134	9 45.0
867	9.187 919	48	9.193 141	50	0.806 859	9.994 778	2	133	
868	9.187 968	49	9.193 190	49	0.806 810	9.994 777	1	132	
869	9.188 016	48	9.193 240	50	0.806 760	9.994 776	1	131	
.870	9.188 065	49	9.193 290	50	0.806 710	9.994 775	1	.130	
871	9.188 113	48	9.193 340	50	0.806 660	9.994 774	1	129	49
872	9.188 162	49	9.193 390	50	0.806 610	9.994 772	2	128	
873	9.188 211	49	9.193 439	49	0.806 561	9.994 771	1	127	1 4.9
874	9.188 259	48	9.193 489	50	0.806 511	9.994 770	1	126	2 9.8
875	9.188 308	49	9.193 539	50	0.806 461	9.994 769	1	125	3 14.7
876	9.188 356	48	9.193 588	49	0.806 412	9.994 768	1	124	4 19.6
877	9.188 405	49	9.193 638	50	0.806 362	9.994 767	1	123	5 24.5
878	9.188 453	48	9.193 688	50	0.806 312	9.994 765	2	122	6 29.4
879	9.188 502	49	9.193 738	50	0.806 262	9.994 764	1	121	7 34.3
.880	9.188 550	48	9.193 787	49	0.806 213	9.994 763	1	.120	8 39.2
881	9.188 599	49	9.193 837	50	0.806 163	9.994 762	1	119	9 44.1
882	9.188 647	48	9.193 887	50	0.806 113	9.994 761	1	118	
883	9.188 696	49	9.193 936	49	0.806 064	9.994 759	2	117	
884	9.188 744	48	9.193 986	50	0.806 014	9.994 758	1	116	
885	9.188 793	49	9.194 036	50	0.805 964	9.994 757	1	115	
886	9.188 841	48	9.194 085	49	0.805 915	9.994 756	1	114	48
887	9.188 890	49	9.194 135	50	0.805 865	9.994 755	1	113	1 4.8
888	9.188 938	48	9.194 185	50	0.805 815	9.994 754	1	112	2 9.6
889	9.188 987	49	9.194 234	49	0.805 766	9.994 752	2	111	3 14.4
.890	9.189 035	48	9.194 284	50	0.805 716	9.994 751	1	.110	4 19.2
891	9.189 084	49	9.194 334	50	0.805 666	9.994 750	1	109	5 24.0
892	9.189 132	48	9.194 383	49	0.805 617	9.994 749	1	108	6 28.8
893	9.189 181	49	9.194 433	50	0.805 567	9.994 748	1	107	7 33.6
894	9.189 229	48	9.194 483	50	0.805 517	9.994 746	2	106	8 38.4
895	9.189 277	48	9.194 532	49	0.805 468	9.994 745	1	105	9 43.2
896	9.189 326	49	9.194 582	50	0.805 418	9.994 744	1	104	
897	9.189 374	48	9.194 631	49	0.805 369	9.994 743	1	103	
898	9.189 423	49	9.194 681	50	0.805 319	9.994 742	1	102	
899	9.189 471	48	9.194 731	50	0.805 269	9.994 740	2	101	
.900	9.189 519	48	9.194 780	49	0.805 220	9.994 739	1	.100	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

8°.900 — 8°.950

8°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.189 519		9.194 780		0.805 220	9.994 739		.100	
901	9.189 568	49	9.194 830	50	0.805 170	9.994 738	1	099	
902	9.189 616	48	9.194 879	49	0.805 121	9.994 737	1	098	
903	9.189 665	49	9.194 929	50	0.805 071	9.994 736	1	097	
904	9.189 713	48	9.194 978	49	0.805 022	9.994 735	1	096	
905	9.189 761	48	9.195 028	50	0.804 972	9.994 733	2	095	
906	9.189 810	49	9.195 078	50	0.804 922	9.994 732	1	094	
907	9.189 858	48	9.195 127	49	0.804 873	9.994 731	1	093	50
908	9.189 907	49	9.195 177	50	0.804 823	9.994 730	1	092	1 5.0
909	9.189 955	48	9.195 226	49	0.804 774	9.994 729	1	091	2 10.0
.910	9.190 003	48	9.195 276	50	0.804 724	9.994 727	2	.090	3 15.0
911	9.190 052	49	9.195 325	49	0.804 675	9.994 726	1	089	4 20.0
912	9.190 100	48	9.195 375	50	0.804 625	9.994 725	1	088	5 25.0
913	9.190 148	48	9.195 424	49	0.804 576	9.994 724	1	087	6 30.0
914	9.190 197	49	9.195 474	50	0.804 526	9.994 723	1	086	7 35.0
915	9.190 245	48	9.195 523	49	0.804 477	9.994 721	2	085	8 40.0
916	9.190 293	48	9.195 573	50	0.804 427	9.994 720	1	084	9 45.0
917	9.190 342	49	9.195 622	49	0.804 378	9.994 719	1	083	
918	9.190 390	48	9.195 672	50	0.804 328	9.994 718	1	082	
919	9.190 438	48	9.195 721	49	0.804 279	9.994 717	1	081	
.920	9.190 486	48	9.195 771	50	0.804 229	9.994 716	1	.080	
921	9.190 535	49	9.195 820	49	0.804 180	9.994 714	2	079	49
922	9.190 583	48	9.195 870	50	0.804 130	9.994 713	1	078	
923	9.190 631	48	9.195 919	49	0.804 081	9.994 712	1	077	1 4.9
924	9.190 680	49	9.195 969	50	0.804 031	9.994 711	1	076	2 9.8
925	9.190 728	48	9.196 018	49	0.803 982	9.994 710	1	075	3 14.7
926	9.190 776	48	9.196 068	50	0.803 932	9.994 708	2	074	4 19.6
927	9.190 824	48	9.196 117	49	0.803 883	9.994 707	1	073	5 24.5
928	9.190 873	49	9.196 167	50	0.803 833	9.994 706	1	072	6 29.4
929	9.190 921	48	9.196 216	49	0.803 784	9.994 705	1	071	7 34.3
.930	9.190 969	48	9.196 265	49	0.803 735	9.994 704	1	.070	8 39.2
931	9.191 017	48	9.196 315	50	0.803 685	9.994 702	2	069	9 44.1
932	9.191 066	49	9.196 364	49	0.803 636	9.994 701	1	068	
933	9.191 114	48	9.196 414	50	0.803 586	9.994 700	1	067	
934	9.191 162	48	9.196 463	49	0.803 537	9.994 699	1	066	
935	9.191 210	48	9.196 513	50	0.803 487	9.994 698	1	065	
936	9.191 258	48	9.196 562	49	0.803 438	9.994 696	2	064	
937	9.191 307	49	9.196 611	49	0.803 389	9.994 695	1	063	48
938	9.191 355	48	9.196 661	50	0.803 339	9.994 694	1	062	1 4.8
939	9.191 403	48	9.196 710	49	0.803 290	9.994 693	1	061	2 9.6
.940	9.191 451	48	9.196 760	50	0.803 240	9.994 692	1	.060	3 14.4
941	9.191 499	48	9.196 809	49	0.803 191	9.994 691	1	059	4 19.2
942	9.191 548	49	9.196 858	49	0.803 142	9.994 689	1	058	5 24.0
943	9.191 596	48	9.196 908	50	0.803 092	9.994 688	2	057	6 28.8
944	9.191 644	48	9.196 957	49	0.803 043	9.994 687	1	056	7 33.6
945	9.191 692	48	9.197 006	49	0.802 994	9.994 686	1	055	8 38.4
946	9.191 740	48	9.197 056	50	0.802 944	9.994 685	1	054	9 43.2
947	9.191 788	48	9.197 105	49	0.802 895	9.994 683	2	053	
948	9.191 837	49	9.197 154	49	0.802 846	9.994 682	1	052	
949	9.191 885	48	9.197 204	50	0.802 796	9.994 681	1	051	
.950	9.191 933	48	9.197 253	49	0.802 747	9.994 680	1	.050	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

81°.100 — 81°.050

8°.950 — 9°.000

8°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.191 933	48	9.197 253	49	0.802 747	9.994 680	1	.050	
951	9.191 981	48	9.197 302	49	0.802 698	9.994 679	2	049	
952	9.192 029	48	9.197 352	50	0.802 648	9.994 677	1	048	
953	9.192 077	48	9.197 401	49	0.802 599	9.994 676	1	047	
954	9.192 125	48	9.197 450	49	0.802 550	9.994 675	1	046	50
955	9.192 173	48	9.197 500	50	0.802 500	9.994 674	1	045	1 5.0
956	9.192 221	48	9.197 549	49	0.802 451	9.994 673	1	044	2 10.0
957	9.192 270	49	9.197 598	49	0.802 402	9.994 671	2	043	3 15.0
958	9.192 318	48	9.197 647	49	0.802 353	9.994 670	1	042	4 20.0
959	9.192 366	48	9.197 697	50	0.802 303	9.994 669	1	041	5 25.0
.960	9.192 414	48	9.197 746	49	0.802 254	9.994 668	1	.040	6 30.0
961	9.192 462	48	9.197 795	49	0.802 205	9.994 667	1	039	7 35.0
962	9.192 510	48	9.197 844	49	0.802 156	9.994 665	2	038	8 40.0
963	9.192 558	48	9.197 894	50	0.802 106	9.994 664	1	037	9 45.0
964	9.192 606	48	9.197 943	49	0.802 057	9.994 663	1	036	
965	9.192 654	48	9.197 992	49	0.802 008	9.994 662	1	035	
966	9.192 702	48	9.198 041	49	0.801 959	9.994 661	1	034	49
967	9.192 750	48	9.198 091	50	0.801 909	9.994 659	2	033	1 4.9
968	9.192 798	48	9.198 140	49	0.801 860	9.994 658	1	032	2 9.8
969	9.192 846	48	9.198 189	49	0.801 811	9.994 657	1	031	3 14.7
.970	9.192 894	48	9.198 238	49	0.801 762	9.994 656	1	.030	4 19.6
971	9.192 942	48	9.198 288	50	0.801 712	9.994 655	1	029	5 24.5
972	9.192 990	48	9.198 337	49	0.801 663	9.994 653	2	028	6 29.4
973	9.193 038	48	9.198 386	49	0.801 614	9.994 652	1	027	7 34.3
974	9.193 086	48	9.198 435	49	0.801 565	9.994 651	1	026	8 39.2
975	9.193 134	48	9.198 484	49	0.801 516	9.994 650	1	025	9 44.1
976	9.193 182	48	9.198 534	50	0.801 466	9.994 649	1	024	
977	9.193 230	48	9.198 583	49	0.801 417	9.994 648	1	023	48
978	9.193 278	48	9.198 632	49	0.801 368	9.994 646	2	022	1 4.8
979	9.193 326	48	9.198 681	49	0.801 319	9.994 645	1	021	2 9.6
.980	9.193 374	48	9.198 730	49	0.801 270	9.994 644	1	.020	3 14.4
981	9.193 422	48	9.198 779	49	0.801 221	9.994 643	1	019	4 19.2
982	9.193 470	48	9.198 829	50	0.801 171	9.994 642	1	018	5 24.0
983	9.193 518	48	9.198 878	49	0.801 122	9.994 640	2	017	6 28.8
984	9.193 566	48	9.198 927	49	0.801 073	9.994 639	1	016	7 33.6
985	9.193 614	48	9.198 976	49	0.801 024	9.994 638	1	015	8 38.4
986	9.193 662	48	9.199 025	49	0.800 975	9.994 637	1	014	9 43.2
987	9.193 710	48	9.199 074	49	0.800 926	9.994 636	1	013	
988	9.193 758	48	9.199 123	49	0.800 877	9.994 634	2	012	
989	9.193 806	48	9.199 173	50	0.800 827	9.994 633	1	011	
.990	9.193 854	48	9.199 222	49	0.800 778	9.994 632	1	.010	47
991	9.193 902	48	9.199 271	49	0.800 729	9.994 631	1	009	1 4.7
992	9.193 949	47	9.199 320	49	0.800 680	9.994 630	1	008	2 9.4
993	9.193 997	48	9.199 369	49	0.800 631	9.994 628	2	007	3 14.1
994	9.194 045	48	9.199 418	49	0.800 582	9.994 627	1	006	4 18.8
995	9.194 093	48	9.199 467	49	0.800 533	9.994 626	1	005	5 23.5
996	9.194 141	48	9.199 516	49	0.800 484	9.994 625	1	004	6 28.2
997	9.194 189	48	9.199 565	49	0.800 435	9.994 624	1	003	7 32.9
998	9.194 237	48	9.199 614	49	0.800 386	9.994 622	2	002	8 37.6
999	9.194 285	48	9.199 663	49	0.800 337	9.994 621	1	001	9 42.3
*.000	9.194 332	47	9.199 713	50	0.800 287	9.994 620	1	.000	
	cos	d	cotg	d	tang	sin	d	81°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.000 — 9°.050

9°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.194 332		9.199 713		0.800 287	9.994 620		*.000	
001	9.194 380	48	9.199 762	49	0.800 238	9.994 619	1	999	
002	9.194 428	48	9.199 811	49	0.800 189	9.994 618	1	998	
003	9.194 476	48	9.199 860	49	0.800 140	9.994 616	2	997	
004	9.194 524	48	9.199 909	49	0.800 091	9.994 615	1	996	
005	9.194 572	48	9.199 958	49	0.800 042	9.994 614	1	995	
006	9.194 619	47	9.200 007	49	0.799 993	9.994 613	1	994	
007	9.194 667	48	9.200 056	49	0.799 944	9.994 612	1	993	49
008	9.194 715	48	9.200 105	49	0.799 895	9.994 610	2	992	1 4.9
009	9.194 763	48	9.200 154	49	0.799 846	9.994 609	1	991	2 9.8
.010	9.194 811	48	9.200 203	49	0.799 797	9.994 608	1	.990	3 14.7
011	9.194 859	48	9.200 252	49	0.799 748	9.994 607	1	989	4 19.6
012	9.194 906	47	9.200 301	49	0.799 699	9.994 606	1	988	5 24.5
013	9.194 954	48	9.200 350	49	0.799 650	9.994 604	2	987	6 29.4
014	9.195 002	48	9.200 399	49	0.799 601	9.994 603	1	986	7 34.3
015	9.195 050	48	9.200 448	49	0.799 552	9.994 602	1	985	8 39.2
016	9.195 097	47	9.200 497	49	0.799 503	9.994 601	1	984	9 44.1
017	9.195 145	48	9.200 546	49	0.799 454	9.994 599	2	983	
018	9.195 193	48	9.200 595	49	0.799 405	9.994 598	1	982	
019	9.195 241	48	9.200 644	49	0.799 356	9.994 597	1	981	
.020	9.195 289	48	9.200 693	49	0.799 307	9.994 596	1	.980	
021	9.195 336	47	9.200 742	49	0.799 258	9.994 595	1	979	48
022	9.195 384	48	9.200 791	49	0.799 209	9.994 593	2	978	1 4.8
023	9.195 432	48	9.200 839	48	0.799 161	9.994 592	1	977	2 9.6
024	9.195 479	47	9.200 888	49	0.799 112	9.994 591	1	976	3 14.4
025	9.195 527	48	9.200 937	49	0.799 063	9.994 590	1	975	4 19.2
026	9.195 575	48	9.200 986	49	0.799 014	9.994 589	1	974	5 24.0
027	9.195 623	48	9.201 035	49	0.798 965	9.994 587	2	973	6 28.8
028	9.195 670	47	9.201 084	49	0.798 916	9.994 586	1	972	7 33.6
029	9.195 718	48	9.201 133	49	0.798 867	9.994 585	1	971	8 38.4
.030	9.195 766	48	9.201 182	49	0.798 818	9.994 584	1	.970	9 43.2
031	9.195 813	47	9.201 231	49	0.798 769	9.994 583	1	969	
032	9.195 861	48	9.201 280	49	0.798 720	9.994 581	2	968	
033	9.195 909	48	9.201 329	49	0.798 671	9.994 580	1	967	
034	9.195 956	47	9.201 377	48	0.798 623	9.994 579	1	966	
035	9.196 004	48	9.201 426	49	0.798 574	9.994 578	1	965	
036	9.196 052	48	9.201 475	49	0.798 525	9.994 577	1	964	
037	9.196 099	47	9.201 524	49	0.798 476	9.994 575	2	963	47
038	9.196 147	48	9.201 573	49	0.798 427	9.994 574	1	962	1 4.7
039	9.196 195	48	9.201 622	49	0.798 378	9.994 573	1	961	2 9.4
.040	9.196 242	47	9.201 671	49	0.798 329	9.994 572	1	.960	3 14.1
041	9.196 290	48	9.201 719	48	0.798 281	9.994 571	1	959	4 18.8
042	9.196 338	48	9.201 768	49	0.798 232	9.994 569	2	958	5 23.5
043	9.196 385	47	9.201 817	49	0.798 183	9.994 568	1	957	6 28.2
044	9.196 433	48	9.201 866	49	0.798 134	9.994 567	1	956	7 32.9
045	9.196 481	48	9.201 915	49	0.798 085	9.994 566	1	955	8 37.6
046	9.196 528	47	9.201 964	49	0.798 036	9.994 565	1	954	9 42.3
047	9.196 576	48	9.202 012	48	0.797 988	9.994 563	2	953	
048	9.196 623	47	9.202 061	49	0.797 939	9.994 562	1	952	
049	9.196 671	48	9.202 110	49	0.797 890	9.994 561	1	951	
.050	9.196 719	48	9.202 159	49	0.797 841	9.994 560	1	.950	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

81°.000 — 80°.950

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.050 — 9°.100

9°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.196 719		9.202 159		0.797 841	9.994 560		.950	
051	9.196 766	47	9.202 208	49	0.797 792	9.994 559	1	949	
052	9.196 814	48	9.202 256	48	0.797 744	9.994 557	2	948	
053	9.196 861	47	9.202 305	49	0.797 695	9.994 556	1	947	
		48		49			1		
054	9.196 909		9.202 354		0.797 646	9.994 555	1	946	
055	9.196 956	47	9.202 403	49	0.797 597	9.994 554	2	945	
056	9.197 004	48	9.202 452	49	0.797 548	9.994 552	1	944	
		48		48			1		
057	9.197 052		9.202 500		0.797 500	9.994 551	1	943	
058	9.197 099	47	9.202 549	49	0.797 451	9.994 550	1	942	
059	9.197 147	48	9.202 598	49	0.797 402	9.994 549	1	941	
		47		49			1		
.060	9.197 194		9.202 647		0.797 353	9.994 548		.940	
		48		48			2		
061	9.197 242		9.202 695		0.797 305	9.994 546		939	
062	9.197 289	47	9.202 744	49	0.797 256	9.994 545	1	938	
063	9.197 337	48	9.202 793	49	0.797 207	9.994 544	1	937	
		47		48			1		
064	9.197 384		9.202 841		0.797 159	9.994 543		936	
065	9.197 432	48	9.202 890	49	0.797 110	9.994 542	1	935	
066	9.197 479	47	9.202 939	49	0.797 061	9.994 540	2	934	
		48		49			1		
067	9.197 527		9.202 988		0.797 012	9.994 539		933	
068	9.197 574	47	9.203 036	48	0.796 964	9.994 538	1	932	
069	9.197 622	48	9.203 085	49	0.796 915	9.994 537	1	931	
		47		49			1		
.070	9.197 669		9.203 134		0.796 866	9.994 536		.930	
		48		48			2		
071	9.197 717		9.203 182		0.796 818	9.994 534		929	
072	9.197 764	47	9.203 231	49	0.796 769	9.994 533	1	928	
073	9.197 812	48	9.203 280	49	0.796 720	9.994 532	1	927	
		47		48			1		
074	9.197 859		9.203 328		0.796 672	9.994 531		926	
075	9.197 907	48	9.203 377	49	0.796 623	9.994 530	1	925	
076	9.197 954	47	9.203 426	49	0.796 574	9.994 528	2	924	
		48		48			1		
077	9.198 002		9.203 474		0.796 526	9.994 527		923	
078	9.198 049	47	9.203 523	49	0.796 477	9.994 526	1	922	
079	9.198 096	47	9.203 572	49	0.796 428	9.994 525	1	921	
		48		48			2		
.080	9.198 144		9.203 620		0.796 380	9.994 523		.920	
		47		49			1		
081	9.198 191		9.203 669		0.796 331	9.994 522		919	
082	9.198 239	48	9.203 718	49	0.796 282	9.994 521	1	918	
083	9.198 286	47	9.203 766	48	0.796 234	9.994 520	1	917	
		48		49			1		
084	9.198 334		9.203 815		0.796 185	9.994 519		916	
085	9.198 381	47	9.203 864	49	0.796 136	9.994 517	2	915	
086	9.198 428	47	9.203 912	48	0.796 088	9.994 516	1	914	
		48		49			1		
087	9.198 476		9.203 961		0.796 039	9.994 515		913	
088	9.198 523	47	9.204 009	48	0.795 991	9.994 514	1	912	
089	9.198 570	47	9.204 058	49	0.795 942	9.994 513	1	911	
		48		49			2		
.090	9.198 618		9.204 107		0.795 893	9.994 511		.910	
		47		48			1		
091	9.198 665		9.204 155		0.795 845	9.994 510		909	
092	9.198 713	48	9.204 204	49	0.795 796	9.994 509	1	908	
093	9.198 760	47	9.204 252	48	0.795 748	9.994 508	1	907	
		47		49			2		
094	9.198 807		9.204 301		0.795 699	9.994 506		906	
095	9.198 855	48	9.204 349	48	0.795 651	9.994 505	1	905	
096	9.198 902	47	9.204 398	49	0.795 602	9.994 504	1	904	
		47		49			1		
097	9.198 949		9.204 447		0.795 553	9.994 503		903	
098	9.198 997	48	9.204 495	48	0.795 505	9.994 502	1	902	
099	9.199 044	47	9.204 544	49	0.795 456	9.994 500	2	901	
		47		48			1		
.100	9.199 091		9.204 592		0.795 408	9.994 499		.900	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.950 — 80°.900

9°.100 — 9°.150

9°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.199 091		9.204 592		0.795 408	9.994 499		.900	
101	9.199 139	48	9.204 641	49	0.795 359	9.994 498	1	899	
102	9.199 186	47	9.204 689	48	0.795 311	9.994 497	1	898	
103	9.199 233	47	9.204 738	49	0.795 262	9.994 496	1	897	
104	9.199 281	48	9.204 786	48	0.795 214	9.994 494	2	896	
105	9.199 328	47	9.204 835	49	0.795 165	9.994 493	1	895	
106	9.199 375	47	9.204 883	48	0.795 117	9.994 492	1	894	
107	9.199 422	47	9.204 932	49	0.795 068	9.994 491	1	893	49
108	9.199 470	48	9.204 980	48	0.795 020	9.994 489	2	892	1 4.9
109	9.199 517	47	9.205 029	49	0.794 971	9.994 488	1	891	2 9.8
.110	9.199 564	47	9.205 077	48	0.794 923	9.994 487	1	.890	3 14.7
111	9.199 612	48	9.205 126	49	0.794 874	9.994 486	1	889	4 19.6
112	9.199 659	47	9.205 174	48	0.794 826	9.994 485	1	888	5 24.5
113	9.199 706	47	9.205 223	49	0.794 777	9.994 483	2	887	6 29.4
114	9.199 753	47	9.205 271	48	0.794 729	9.994 482	1	886	7 34.3
115	9.199 801	48	9.205 320	49	0.794 680	9.994 481	1	885	8 39.2
116	9.199 848	47	9.205 368	48	0.794 632	9.994 480	1	884	9 44.1
117	9.199 895	47	9.205 417	49	0.794 583	9.994 479	1	883	
118	9.199 942	47	9.205 465	48	0.794 535	9.994 477	2	882	
119	9.199 990	48	9.205 513	48	0.794 487	9.994 476	1	881	
.120	9.200 037	47	9.205 562	49	0.794 438	9.994 475	1	.880	
121	9.200 084	47	9.205 610	48	0.794 390	9.994 474	1	879	48
122	9.200 131	47	9.205 659	49	0.794 341	9.994 472	2	878	1 4.8
123	9.200 178	47	9.205 707	48	0.794 293	9.994 471	1	877	2 9.6
124	9.200 226	48	9.205 756	49	0.794 244	9.994 470	1	876	3 14.4
125	9.200 273	47	9.205 804	48	0.794 196	9.994 469	1	875	4 19.2
126	9.200 320	47	9.205 852	48	0.794 148	9.994 468	1	874	5 24.0
127	9.200 367	47	9.205 901	49	0.794 099	9.994 466	2	873	6 28.8
128	9.200 414	47	9.205 949	48	0.794 051	9.994 465	1	872	7 33.6
129	9.200 461	47	9.205 998	49	0.794 002	9.994 464	1	871	8 38.4
.130	9.200 509	48	9.206 046	48	0.793 954	9.994 463	1	.870	9 43.2
131	9.200 556	47	9.206 094	48	0.793 906	9.994 461	2	869	
132	9.200 603	47	9.206 143	49	0.793 857	9.994 460	1	868	
133	9.200 650	47	9.206 191	48	0.793 809	9.994 459	1	867	
134	9.200 697	47	9.206 239	48	0.793 761	9.994 458	1	866	
135	9.200 744	47	9.206 288	49	0.793 712	9.994 457	1	865	
136	9.200 792	48	9.206 336	48	0.793 664	9.994 455	2	864	
137	9.200 839	47	9.206 384	48	0.793 616	9.994 454	1	863	47
138	9.200 886	47	9.206 433	49	0.793 567	9.994 453	1	862	1 4.7
139	9.200 933	47	9.206 481	48	0.793 519	9.994 452	1	861	2 9.4
.140	9.200 980	47	9.206 530	49	0.793 470	9.994 451	1	.860	3 14.1
141	9.201 027	47	9.206 578	48	0.793 422	9.994 449	1	859	4 18.8
142	9.201 074	47	9.206 626	48	0.793 374	9.994 448	2	858	5 23.5
143	9.201 121	47	9.206 674	48	0.793 326	9.994 447	1	857	6 28.2
144	9.201 168	47	9.206 723	49	0.793 277	9.994 446	1	856	7 32.9
145	9.201 216	48	9.206 771	48	0.793 229	9.994 444	1	855	8 37.6
146	9.201 263	47	9.206 819	48	0.793 181	9.994 443	2	854	9 42.3
147	9.201 310	47	9.206 868	49	0.793 132	9.994 442	1	853	
148	9.201 357	47	9.206 916	48	0.793 084	9.994 441	1	852	
149	9.201 404	47	9.206 964	48	0.793 036	9.994 440	1	851	
.150	9.201 451	47	9.207 013	49	0.792 987	9.994 438	2	.850	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

9°.150 — 9°.200

9°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.201 451		9.207 013		0.792 987	9.994 438		.850	
151	9.201 498	47	9.207 061	48	0.792 939	9.994 437	1	849	
152	9.201 545	47	9.207 109	48	0.792 891	9.994 436	1	848	
153	9.201 592	47	9.207 157	48	0.792 843	9.994 435	1	847	
154	9.201 639	47	9.207 206	49	0.792 794	9.994 433	2	846	49
155	9.201 686	47	9.207 254	48	0.792 746	9.994 432	1	845	1 4.9
156	9.201 733	47	9.207 302	48	0.792 698	9.994 431	1	844	2 9.8
157	9.201 780	47	9.207 350	48	0.792 650	9.994 430	1	843	3 14.7
158	9.201 827	47	9.207 399	49	0.792 601	9.994 429	1	842	4 19.6
159	9.201 874	47	9.207 447	48	0.792 553	9.994 427	2	841	5 24.5
.160	9.201 921	47	9.207 495	48	0.792 505	9.994 426	1	.840	6 29.4
161	9.201 968	47	9.207 543	48	0.792 457	9.994 425	1	839	7 34.3
162	9.202 015	47	9.207 592	49	0.792 408	9.994 424	1	838	8 39.2
163	9.202 062	47	9.207 640	48	0.792 360	9.994 422	2	837	9 44.1
164	9.202 109	47	9.207 688	48	0.792 312	9.994 421	1	836	
165	9.202 156	47	9.207 736	48	0.792 264	9.994 420	1	835	
166	9.202 203	47	9.207 784	48	0.792 216	9.994 419	1	834	48
167	9.202 250	47	9.207 833	49	0.792 167	9.994 418	1	833	1 4.8
168	9.202 297	47	9.207 881	48	0.792 119	9.994 416	2	832	2 9.6
169	9.202 344	47	9.207 929	48	0.792 071	9.994 415	1	831	3 14.4
.170	9.202 391	47	9.207 977	48	0.792 023	9.994 414	1	.830	4 19.2
171	9.202 438	47	9.208 025	48	0.791 975	9.994 413	1	829	5 24.0
172	9.202 485	47	9.208 074	49	0.791 926	9.994 411	2	828	6 28.8
173	9.202 532	47	9.208 122	48	0.791 878	9.994 410	1	827	7 33.6
174	9.202 579	47	9.208 170	48	0.791 830	9.994 409	1	826	8 38.4
175	9.202 626	47	9.208 218	48	0.791 782	9.994 408	1	825	9 43.2
176	9.202 673	47	9.208 266	48	0.791 734	9.994 407	1	824	
177	9.202 720	47	9.208 314	48	0.791 686	9.994 405	2	823	47
178	9.202 767	47	9.208 362	48	0.791 638	9.994 404	1	822	1 4.7
179	9.202 813	46	9.208 411	49	0.791 589	9.994 403	1	821	2 9.4
.180	9.202 860	47	9.208 459	48	0.791 541	9.994 402	1	.820	3 14.1
181	9.202 907	47	9.208 507	48	0.791 493	9.994 400	2	819	4 18.8
182	9.202 954	47	9.208 555	48	0.791 445	9.994 399	1	818	5 23.5
183	9.203 001	47	9.208 603	48	0.791 397	9.994 398	1	817	6 28.2
184	9.203 048	47	9.208 651	48	0.791 349	9.994 397	1	816	7 32.9
185	9.203 095	47	9.208 699	48	0.791 301	9.994 396	1	815	8 37.6
186	9.203 142	47	9.208 747	48	0.791 253	9.994 394	2	814	9 42.3
187	9.203 189	47	9.208 795	48	0.791 205	9.994 393	1	813	
188	9.203 235	46	9.208 844	49	0.791 156	9.994 392	1	812	
189	9.203 282	47	9.208 892	48	0.791 108	9.994 391	1	811	46
.190	9.203 329	47	9.208 940	48	0.791 060	9.994 389	2	.810	1 4.6
191	9.203 376	47	9.208 988	48	0.791 012	9.994 388	1	809	2 9.2
192	9.203 423	47	9.209 036	48	0.790 964	9.994 387	1	808	3 13.8
193	9.203 470	47	9.209 084	48	0.790 916	9.994 386	1	807	4 18.4
194	9.203 516	46	9.209 132	48	0.790 868	9.994 384	2	806	5 23.0
195	9.203 563	47	9.209 180	48	0.790 820	9.994 383	1	805	6 27.6
196	9.203 610	47	9.209 228	48	0.790 772	9.994 382	1	804	7 32.2
197	9.203 657	47	9.209 276	48	0.790 724	9.994 381	1	803	8 36.8
198	9.203 704	47	9.209 324	48	0.790 676	9.994 380	1	802	9 41.4
199	9.203 751	47	9.209 372	48	0.790 628	9.994 378	2	801	
.200	9.203 797	46	9.209 420	48	0.790 580	9.994 377	1	.800	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.200 — 9°.250

9°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.203 797		9.209 420		0.790 580	9.994 377		.800	
201	9.203 844	47	9.209 468	48	0.790 532	9.994 376	1	799	
202	9.203 891	47	9.209 516	48	0.790 484	9.994 375	1	798	
203	9.203 938	47	9.209 564	48	0.790 436	9.994 373	2	797	
		47		48			1		
204	9.203 985	47	9.209 612	48	0.790 388	9.994 372	1	796	
205	9.204 031	46	9.209 660	48	0.790 340	9.994 371	1	795	
206	9.204 078	47	9.209 708	48	0.790 292	9.994 370	1	794	
		47		48			1		
207	9.204 125	47	9.209 756	48	0.790 244	9.994 369	2	793	48
208	9.204 172	47	9.209 804	48	0.790 196	9.994 367	1	792	1 4.8
209	9.204 218	46	9.209 852	48	0.790 148	9.994 366	1	791	2 9.6
		47		48			1		3 14.4
.210	9.204 265	47	9.209 900	48	0.790 100	9.994 365	1	.790	4 19.2
		47		48			1		5 24.0
211	9.204 312	47	9.209 948	48	0.790 052	9.994 364	2	789	6 28.8
212	9.204 359	47	9.209 996	48	0.790 004	9.994 362	1	788	7 33.6
213	9.204 405	46	9.210 044	48	0.789 956	9.994 361	1	787	8 38.4
		47		48			1		9 43.2
214	9.204 452	47	9.210 092	48	0.789 908	9.994 360	1	786	
215	9.204 499	47	9.210 140	48	0.789 860	9.994 359	1	785	
216	9.204 545	46	9.210 188	48	0.789 812	9.994 357	2	784	
		47		48			1		
217	9.204 592	47	9.210 236	48	0.789 764	9.994 356	1	783	
218	9.204 639	47	9.210 284	48	0.789 716	9.994 355	1	782	
219	9.204 686	47	9.210 332	48	0.789 668	9.994 354	1	781	
		46		48			1		
.220	9.204 732	47	9.210 380	48	0.789 620	9.994 353	2	.780	
		47		48			1		47
221	9.204 779	47	9.210 428	48	0.789 572	9.994 351	1	779	1 4.7
222	9.204 826	47	9.210 476	48	0.789 524	9.994 350	1	778	2 9.4
223	9.204 872	46	9.210 524	48	0.789 476	9.994 349	1	777	3 14.1
		47		47			1		4 18.8
224	9.204 919	47	9.210 571	48	0.789 429	9.994 348	2	776	5 23.5
225	9.204 966	47	9.210 619	48	0.789 381	9.994 346	1	775	6 28.2
226	9.205 012	46	9.210 667	48	0.789 333	9.994 345	1	774	7 32.9
		47		48			1		8 37.6
227	9.205 059	47	9.210 715	48	0.789 285	9.994 344	1	773	9 42.3
228	9.205 106	47	9.210 763	48	0.789 237	9.994 343	2	772	
229	9.205 152	46	9.210 811	48	0.789 189	9.994 341	1	771	
		47		48			1		
.230	9.205 199	47	9.210 859	48	0.789 141	9.994 340	1	.770	
		47		48			1		
231	9.205 246	46	9.210 907	48	0.789 093	9.994 339	1	769	
232	9.205 292	47	9.210 955	48	0.789 045	9.994 338	1	768	
233	9.205 339	47	9.211 002	47	0.788 998	9.994 337	1	767	
		47		48			2		
234	9.205 386	46	9.211 050	48	0.788 950	9.994 335	1	766	
235	9.205 432	47	9.211 098	48	0.788 902	9.994 334	1	765	
236	9.205 479	47	9.211 146	48	0.788 854	9.994 333	1	764	46
		46		48			1		1 4.6
237	9.205 525	47	9.211 194	48	0.788 806	9.994 332	2	763	2 9.2
238	9.205 572	47	9.211 242	48	0.788 758	9.994 330	1	762	3 13.8
239	9.205 619	47	9.211 289	47	0.788 711	9.994 329	1	761	4 18.4
		46		48			1		5 23.0
.240	9.205 665	47	9.211 337	48	0.788 663	9.994 328	1	.760	6 27.6
		47		48			1		7 32.2
241	9.205 712	46	9.211 385	48	0.788 615	9.994 327	2	759	8 36.8
242	9.205 758	47	9.211 433	48	0.788 567	9.994 325	1	758	9 41.4
243	9.205 805	47	9.211 481	48	0.788 519	9.994 324	1	757	
		47		48			1		
244	9.205 852	47	9.211 529	48	0.788 471	9.994 323	1	756	
245	9.205 898	46	9.211 576	47	0.788 424	9.994 322	1	755	
246	9.205 945	47	9.211 624	48	0.788 376	9.994 320	2	754	
		46		48			1		
247	9.205 991	47	9.211 672	48	0.788 328	9.994 319	1	753	
248	9.206 038	47	9.211 720	48	0.788 280	9.994 318	1	752	
249	9.206 084	46	9.211 768	48	0.788 232	9.994 317	1	751	
		47		47			1		
.250	9.206 131	47	9.211 815	47	0.788 185	9.994 316	1	.750	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.800 — 80°.750

9°.250 — 9°.300

9°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.206 131		9.211 815		0.788 185	9.994 316		.750	
251	9.206 177	46	9.211 863	48	0.788 137	9.994 314	2	749	
252	9.206 224	47	9.211 911	48	0.788 089	9.994 313	1	748	
253	9.206 270	46	9.211 959	48	0.788 041	9.994 312	1	747	
254	9.206 317	47	9.212 006	47	0.787 994	9.994 311	1	746	
255	9.206 364	47	9.212 054	48	0.787 946	9.994 309	2	745	
256	9.206 410	46	9.212 102	48	0.787 898	9.994 308	1	744	
257	9.206 457	47	9.212 150	48	0.787 850	9.994 307	1	743	
258	9.206 503	46	9.212 197	47	0.787 803	9.994 306	1	742	
259	9.206 550	47	9.212 245	48	0.787 755	9.994 304	2	741	
.260	9.206 596	46	9.212 293	48	0.787 707	9.994 303	1	.740	
261	9.206 643	47	9.212 341	48	0.787 659	9.994 302	1	739	
262	9.206 689	46	9.212 388	47	0.787 612	9.994 301	1	738	
263	9.206 736	47	9.212 436	48	0.787 564	9.994 299	2	737	
264	9.206 782	46	9.212 484	48	0.787 516	9.994 298	1	736	
265	9.206 828	46	9.212 531	47	0.787 469	9.994 297	1	735	
266	9.206 875	47	9.212 579	48	0.787 421	9.994 296	1	734	
267	9.206 921	46	9.212 627	48	0.787 373	9.994 295	1	733	
268	9.206 968	47	9.212 675	48	0.787 325	9.994 293	2	732	
269	9.207 014	46	9.212 722	47	0.787 278	9.994 292	1	731	
.270	9.207 061	47	9.212 770	48	0.787 230	9.994 291	1	.730	
271	9.207 107	46	9.212 818	48	0.787 182	9.994 290	1	729	
272	9.207 154	47	9.212 865	47	0.787 135	9.994 288	2	728	
273	9.207 200	46	9.212 913	48	0.787 087	9.994 287	1	727	
274	9.207 246	46	9.212 961	48	0.787 039	9.994 286	1	726	
275	9.207 293	47	9.213 008	47	0.786 992	9.994 285	1	725	
276	9.207 339	46	9.213 056	48	0.786 944	9.994 283	2	724	
277	9.207 386	47	9.213 103	47	0.786 897	9.994 282	1	723	
278	9.207 432	46	9.213 151	48	0.786 849	9.994 281	1	722	
279	9.207 478	46	9.213 199	48	0.786 801	9.994 280	1	721	
.280	9.207 525	47	9.213 246	47	0.786 754	9.994 278	2	.720	
281	9.207 571	46	9.213 294	48	0.786 706	9.994 277	1	719	
282	9.207 618	47	9.213 342	48	0.786 658	9.994 276	1	718	
283	9.207 664	46	9.213 389	47	0.786 611	9.994 275	1	717	
284	9.207 710	46	9.213 437	48	0.786 563	9.994 274	1	716	
285	9.207 757	47	9.213 484	47	0.786 516	9.994 272	2	715	
286	9.207 803	46	9.213 532	48	0.786 468	9.994 271	1	714	
287	9.207 849	46	9.213 580	48	0.786 420	9.994 270	1	713	
288	9.207 896	47	9.213 627	47	0.786 373	9.994 269	1	712	
289	9.207 942	46	9.213 675	48	0.786 325	9.994 267	2	711	
.290	9.207 988	47	9.213 722	47	0.786 278	9.994 266	1	.710	
291	9.208 035	46	9.213 770	48	0.786 230	9.994 265	1	709	
292	9.208 081	47	9.213 818	48	0.786 182	9.994 264	1	708	
293	9.208 127	46	9.213 865	47	0.786 135	9.994 262	2	707	
294	9.208 174	47	9.213 913	48	0.786 087	9.994 261	1	706	
295	9.208 220	46	9.213 960	47	0.786 040	9.994 260	1	705	
296	9.208 266	46	9.214 008	48	0.785 992	9.994 259	1	704	
297	9.208 313	47	9.214 055	47	0.785 945	9.994 257	2	703	
298	9.208 359	46	9.214 103	48	0.785 897	9.994 256	1	702	
299	9.208 405	46	9.214 150	47	0.785 850	9.994 255	1	701	
.300	9.208 452	47	9.214 198	48	0.785 802	9.994 254	1	.700	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

9°.300 — 9°.350

9°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.208 452		9.214 198		0.785 802	9.994 254		.700	
301	9.208 498	46	9.214 245	47	0.785 755	9.994 252	2	699	
302	9.208 544	46	9.214 293	48	0.785 707	9.994 251	1	698	
303	9.208 590	46	9.214 341	48	0.785 659	9.994 250	1	697	
304	9.208 637	47	9.214 388	47	0.785 612	9.994 249	1	696	
305	9.208 683	46	9.214 436	48	0.785 564	9.994 247	2	695	
306	9.208 729	46	9.214 483	47	0.785 517	9.994 246	1	694	
307	9.208 776	47	9.214 531	48	0.785 469	9.994 245	1	693	
308	9.208 822	46	9.214 578	47	0.785 422	9.994 244	1	692	
309	9.208 868	46	9.214 626	48	0.785 374	9.994 242	2	691	
.310	9.208 914	46	9.214 673	47	0.785 327	9.994 241	1	.690	
311	9.208 960	46	9.214 720	47	0.785 280	9.994 240	1	689	
312	9.209 007	47	9.214 768	48	0.785 232	9.994 239	1	688	
313	9.209 053	46	9.214 815	47	0.785 185	9.994 238	1	687	
314	9.209 099	46	9.214 863	48	0.785 137	9.994 236	2	686	
315	9.209 145	46	9.214 910	47	0.785 090	9.994 235	1	685	
316	9.209 192	47	9.214 958	48	0.785 042	9.994 234	1	684	
317	9.209 238	46	9.215 005	47	0.784 995	9.994 233	1	683	
318	9.209 284	46	9.215 053	48	0.784 947	9.994 231	2	682	
319	9.209 330	46	9.215 100	47	0.784 900	9.994 230	1	681	
.320	9.209 376	46	9.215 148	48	0.784 852	9.994 229	1	.680	
321	9.209 423	47	9.215 195	47	0.784 805	9.994 228	1	679	
322	9.209 469	46	9.215 242	47	0.784 758	9.994 226	2	678	
323	9.209 515	46	9.215 290	48	0.784 710	9.994 225	1	677	
324	9.209 561	46	9.215 337	47	0.784 663	9.994 224	1	676	
325	9.209 607	46	9.215 385	48	0.784 615	9.994 223	1	675	
326	9.209 653	46	9.215 432	47	0.784 568	9.994 221	2	674	
327	9.209 700	47	9.215 479	47	0.784 521	9.994 220	1	673	
328	9.209 746	46	9.215 527	48	0.784 473	9.994 219	1	672	
329	9.209 792	46	9.215 574	47	0.784 426	9.994 218	1	671	
.330	9.209 838	46	9.215 622	48	0.784 378	9.994 216	2	.670	
331	9.209 884	46	9.215 669	47	0.784 331	9.994 215	1	669	
332	9.209 930	46	9.215 716	47	0.784 284	9.994 214	1	668	
333	9.209 976	46	9.215 764	48	0.784 236	9.994 213	1	667	
334	9.210 022	46	9.215 811	47	0.784 189	9.994 211	2	666	
335	9.210 069	47	9.215 858	47	0.784 142	9.994 210	1	665	
336	9.210 115	46	9.215 906	48	0.784 094	9.994 209	1	664	
337	9.210 161	46	9.215 953	47	0.784 047	9.994 208	1	663	
338	9.210 207	46	9.216 001	48	0.783 999	9.994 206	2	662	
339	9.210 253	46	9.216 048	47	0.783 952	9.994 205	1	661	
.340	9.210 299	46	9.216 095	48	0.783 905	9.994 204	1	.660	
341	9.210 345	46	9.216 143	47	0.783 857	9.994 203	1	659	
342	9.210 391	46	9.216 190	47	0.783 810	9.994 201	2	658	
343	9.210 437	46	9.216 237	47	0.783 763	9.994 200	1	657	
344	9.210 483	46	9.216 284	47	0.783 716	9.994 199	1	656	
345	9.210 529	46	9.216 332	48	0.783 668	9.994 198	1	655	
346	9.210 576	47	9.216 379	47	0.783 621	9.994 196	2	654	
347	9.210 622	46	9.216 426	47	0.783 574	9.994 195	1	653	
348	9.210 668	46	9.216 474	48	0.783 526	9.994 194	1	652	
349	9.210 714	46	9.216 521	47	0.783 479	9.994 193	1	651	
.350	9.210 760	46	9.216 568	47	0.783 432	9.994 191	2	.650	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.700 — 80°.650

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$9^{\circ}.350 - 9^{\circ}.400$

9°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.210 760		9.216 568		0.783 432	9.994 191		.650	
351	9.210 806	46	9.216 616	48	0.783 384	9.994 190	1	649	
352	9.210 852	46	9.216 663	47	0.783 337	9.994 189	1	648	
353	9.210 898	46	9.216 710	47	0.783 290	9.994 188	1	647	
		46		47			2		48
354	9.210 944	46	9.216 757	47	0.783 243	9.994 186	1	646	
355	9.210 990	46	9.216 805	48	0.783 195	9.994 185	1	645	1 4.8
356	9.211 036	46	9.216 852	47	0.783 148	9.994 184	1	644	2 9.6
		46		47			1		3 14.4
357	9.211 082	46	9.216 899	47	0.783 101	9.994 183	1	643	4 19.2
358	9.211 128	46	9.216 946	47	0.783 054	9.994 181	2	642	5 24.0
359	9.211 174	46	9.216 994	48	0.783 006	9.994 180	1	641	6 28.8
		46		47			1		7 33.6
.360	9.211 220	46	9.217 041	47	0.782 959	9.994 179	1	.640	8 38.4
		46		47			1		9 43.2
361	9.211 266	46	9.217 088	47	0.782 912	9.994 178	2	639	
362	9.211 312	46	9.217 135	47	0.782 865	9.994 176	1	638	
363	9.211 358	46	9.217 183	48	0.782 817	9.994 175	1	637	
		46		47			1		
364	9.211 404	46	9.217 230	47	0.782 770	9.994 174	1	636	
365	9.211 450	46	9.217 277	47	0.782 723	9.994 173	1	635	
366	9.211 496	46	9.217 324	47	0.782 676	9.994 171	2	634	47
		46		47			1		
367	9.211 542	46	9.217 371	47	0.782 629	9.994 170	1	633	1 4.7
368	9.211 588	46	9.217 419	48	0.782 581	9.994 169	1	632	2 9.4
369	9.211 633	45	9.217 466	47	0.782 534	9.994 168	1	631	3 14.1
		46		47			2		4 18.8
.370	9.211 679	46	9.217 513	47	0.782 487	9.994 166	1	.630	5 23.5
		46		47			1		6 28.2
371	9.211 725	46	9.217 560	47	0.782 440	9.994 165	1	629	7 32.9
372	9.211 771	46	9.217 607	47	0.782 393	9.994 164	1	628	8 37.6
373	9.211 817	46	9.217 654	47	0.782 346	9.994 163	1	627	9 42.3
		46		48			2		
374	9.211 863	46	9.217 702	47	0.782 298	9.994 161	1	626	
375	9.211 909	46	9.217 749	47	0.782 251	9.994 160	1	625	
376	9.211 955	46	9.217 796	47	0.782 204	9.994 159	1	624	
		46		47			1		
377	9.212 001	46	9.217 843	47	0.782 157	9.994 158	2	623	46
378	9.212 047	46	9.217 890	47	0.782 110	9.994 156	1	622	
379	9.212 093	46	9.217 937	47	0.782 063	9.994 155	1	621	1 4.6
		46		48			1		2 9.2
.380	9.212 139	45	9.217 985	47	0.782 015	9.994 154	1	.620	3 13.8
		46		47			1		4 18.4
381	9.212 184	46	9.218 032	47	0.781 968	9.994 153	2	619	5 23.0
382	9.212 230	46	9.218 079	47	0.781 921	9.994 151	1	618	6 27.6
383	9.212 276	46	9.218 126	47	0.781 874	9.994 150	1	617	7 32.2
		46		47			1		8 36.8
384	9.212 322	46	9.218 173	47	0.781 827	9.994 149	1	616	9 41.4
385	9.212 368	46	9.218 220	47	0.781 780	9.994 148	1	615	
386	9.212 414	46	9.218 267	47	0.781 733	9.994 146	2	614	
		46		47			1		
387	9.212 460	45	9.218 314	48	0.781 686	9.994 145	1	613	
388	9.212 505	46	9.218 362	47	0.781 638	9.994 144	1	612	
389	9.212 551	46	9.218 409	47	0.781 591	9.994 143	1	611	
		46		47			2		45
.390	9.212 597	46	9.218 456	47	0.781 544	9.994 141	1	.610	1 4.5
		46		47			1		2 9.0
391	9.212 643	46	9.218 503	47	0.781 497	9.994 140	1	609	3 13.5
392	9.212 689	46	9.218 550	47	0.781 450	9.994 139	1	608	4 18.0
393	9.212 735	46	9.218 597	47	0.781 403	9.994 138	1	607	5 22.5
		45		47			2		6 27.0
394	9.212 780	46	9.218 644	47	0.781 356	9.994 136	1	606	7 31.5
395	9.212 826	46	9.218 691	47	0.781 309	9.994 135	1	605	8 36.0
396	9.212 872	46	9.218 738	47	0.781 262	9.994 134	1	604	9 40.5
		46		47			1		
397	9.212 918	46	9.218 785	47	0.781 215	9.994 133	2	603	
398	9.212 964	46	9.218 832	47	0.781 168	9.994 131	1	602	
399	9.213 009	45	9.218 879	47	0.781 121	9.994 130	1	601	
		46		47			1		
.400	9.213 055		9.218 926		0.781 074	9.994 129		.600	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

$80^{\circ}.650 - 80^{\circ}.600$

9°.400 — 9°.450

9°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.213 055		9.218 926		0.781 074	9.994 129		.600	
401	9.213 101	46	9.218 973	47	0.781 027	9.994 128	1	599	
402	9.213 147	46	9.219 020	47	0.780 980	9.994 126	2	598	
403	9.213 193	46	9.219 067	47	0.780 933	9.994 125	1	597	
404	9.213 238	45	9.219 114	47	0.780 886	9.994 124	1	596	48
405	9.213 284	46	9.219 162	48	0.780 838	9.994 123	1	595	1 4.8
406	9.213 330	46	9.219 209	47	0.780 791	9.994 121	2	594	2 9.6
407	9.213 376	46	9.219 256	47	0.780 744	9.994 120	1	593	3 14.4
408	9.213 421	45	9.219 303	47	0.780 697	9.994 119	1	592	4 19.2
409	9.213 467	46	9.219 350	47	0.780 650	9.994 118	1	591	5 24.0
.410	9.213 513	46	9.219 397	47	0.780 603	9.994 116	2	.590	6 28.8
411	9.213 559	46	9.219 444	47	0.780 556	9.994 115	1	589	7 33.6
412	9.213 604	45	9.219 491	47	0.780 509	9.994 114	1	588	8 38.4
413	9.213 650	46	9.219 537	46	0.780 463	9.994 113	1	587	9 43.2
414	9.213 696	46	9.219 584	47	0.780 416	9.994 111	2	586	
415	9.213 741	45	9.219 631	47	0.780 369	9.994 110	1	585	
416	9.213 787	46	9.219 678	47	0.780 322	9.994 109	1	584	47
417	9.213 833	46	9.219 725	47	0.780 275	9.994 108	1	583	1 4.7
418	9.213 879	46	9.219 772	47	0.780 228	9.994 106	2	582	2 9.4
419	9.213 924	45	9.219 819	47	0.780 181	9.994 105	1	581	3 14.1
.420	9.213 970	46	9.219 866	47	0.780 134	9.994 104	1	.580	4 18.8
421	9.214 016	46	9.219 913	47	0.780 087	9.994 102	2	579	5 23.5
422	9.214 061	45	9.219 960	47	0.780 040	9.994 101	1	578	6 28.2
423	9.214 107	46	9.220 007	47	0.779 993	9.994 100	1	577	7 32.9
424	9.214 153	46	9.220 054	47	0.779 946	9.994 099	1	576	8 37.6
425	9.214 198	45	9.220 101	47	0.779 899	9.994 097	2	575	9 42.3
426	9.214 244	46	9.220 148	47	0.779 852	9.994 096	1	574	
427	9.214 290	46	9.220 195	47	0.779 805	9.994 095	1	573	46
428	9.214 335	45	9.220 242	47	0.779 758	9.994 094	1	572	1 4.6
429	9.214 381	46	9.220 289	47	0.779 711	9.994 092	2	571	2 9.2
.430	9.214 427	46	9.220 335	46	0.779 665	9.994 091	1	.570	3 13.8
431	9.214 472	45	9.220 382	47	0.779 618	9.994 090	1	569	4 18.4
432	9.214 518	46	9.220 429	47	0.779 571	9.994 089	1	568	5 23.0
433	9.214 563	45	9.220 476	47	0.779 524	9.994 087	2	567	6 27.6
434	9.214 609	46	9.220 523	47	0.779 477	9.994 086	1	566	7 32.2
435	9.214 655	46	9.220 570	47	0.779 430	9.994 085	1	565	8 36.8
436	9.214 700	45	9.220 617	47	0.779 383	9.994 084	1	564	9 41.4
437	9.214 746	46	9.220 664	47	0.779 336	9.994 082	2	563	
438	9.214 792	46	9.220 710	46	0.779 290	9.994 081	1	562	
439	9.214 837	45	9.220 757	47	0.779 243	9.994 080	1	561	45
.440	9.214 883	46	9.220 804	47	0.779 196	9.994 079	1	.560	1 4.5
441	9.214 928	45	9.220 851	47	0.779 149	9.994 077	2	559	2 9.0
442	9.214 974	46	9.220 898	47	0.779 102	9.994 076	1	558	3 13.5
443	9.215 019	45	9.220 945	47	0.779 055	9.994 075	1	557	4 18.0
444	9.215 065	46	9.220 992	47	0.779 008	9.994 074	1	556	5 22.5
445	9.215 111	46	9.221 038	46	0.778 962	9.994 072	2	555	6 27.0
446	9.215 156	45	9.221 085	47	0.778 915	9.994 071	1	554	7 31.5
447	9.215 202	46	9.221 132	47	0.778 868	9.994 070	1	553	8 36.0
448	9.215 247	45	9.221 179	47	0.778 821	9.994 068	2	552	9 40.5
449	9.215 293	46	9.221 226	47	0.778 774	9.994 067	1	551	
.450	9.215 338	45	9.221 272	46	0.778 728	9.994 066	1	.550	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.600 — 80°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$9^{\circ}.450 - 9^{\circ}.500$

9°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.215 338		9.221 272		0.778 728	9.994 066		.550	
451	9.215 384	46	9.221 319	47	0.778 681	9.994 065	1	549	
452	9.215 429	45	9.221 366	47	0.778 634	9.994 063	2	548	
453	9.215 475	46	9.221 413	47	0.778 587	9.994 062	1	547	
454	9.215 520	45	9.221 460	47	0.778 540	9.994 061	1	546	
455	9.215 566	46	9.221 506	46	0.778 494	9.994 060	1	545	
456	9.215 612	46	9.221 553	47	0.778 447	9.994 058	2	544	
457	9.215 657	45	9.221 600	47	0.778 400	9.994 057	1	543	
458	9.215 703	46	9.221 647	47	0.778 353	9.994 056	1	542	
459	9.215 748	45	9.221 693	46	0.778 307	9.994 055	1	541	
.460	9.215 794	46	9.221 740	47	0.778 260	9.994 053	2	.540	
461	9.215 839	45	9.221 787	47	0.778 213	9.994 052	1	539	
462	9.215 884	45	9.221 834	47	0.778 166	9.994 051	1	538	
463	9.215 930	46	9.221 880	46	0.778 120	9.994 050	1	537	
464	9.215 975	45	9.221 927	47	0.778 073	9.994 048	2	536	
465	9.216 021	46	9.221 974	47	0.778 026	9.994 047	1	535	
466	9.216 066	45	9.222 021	47	0.777 979	9.994 046	1	534	
467	9.216 112	46	9.222 067	46	0.777 933	9.994 044	2	533	
468	9.216 157	45	9.222 114	47	0.777 886	9.994 043	1	532	
469	9.216 203	46	9.222 161	47	0.777 839	9.994 042	1	531	
.470	9.216 248	45	9.222 207	46	0.777 793	9.994 041	1	.530	
471	9.216 294	46	9.222 254	47	0.777 746	9.994 039	2	529	
472	9.216 339	45	9.222 301	47	0.777 699	9.994 038	1	528	
473	9.216 384	45	9.222 348	47	0.777 652	9.994 037	1	527	
474	9.216 430	46	9.222 394	46	0.777 606	9.994 036	1	526	
475	9.216 475	45	9.222 441	47	0.777 559	9.994 034	2	525	
476	9.216 521	46	9.222 488	47	0.777 512	9.994 033	1	524	
477	9.216 566	45	9.222 534	46	0.777 466	9.994 032	1	523	
478	9.216 612	46	9.222 581	47	0.777 419	9.994 031	1	522	
479	9.216 657	45	9.222 628	47	0.777 372	9.994 029	2	521	
.480	9.216 702	45	9.222 674	46	0.777 326	9.994 028	1	.520	
481	9.216 748	46	9.222 721	47	0.777 279	9.994 027	1	519	
482	9.216 793	45	9.222 768	47	0.777 232	9.994 026	1	518	
483	9.216 839	46	9.222 814	46	0.777 186	9.994 024	2	517	
484	9.216 884	45	9.222 861	47	0.777 139	9.994 023	1	516	
485	9.216 929	45	9.222 908	47	0.777 092	9.994 022	1	515	
486	9.216 975	46	9.222 954	46	0.777 046	9.994 020	2	514	
487	9.217 020	45	9.223 001	47	0.776 999	9.994 019	1	513	
488	9.217 065	45	9.223 047	46	0.776 953	9.994 018	1	512	
489	9.217 111	46	9.223 094	47	0.776 906	9.994 017	1	511	
.490	9.217 156	45	9.223 141	47	0.776 859	9.994 015	2	.510	
491	9.217 201	45	9.223 187	46	0.776 813	9.994 014	1	509	
492	9.217 247	46	9.223 234	47	0.776 766	9.994 013	1	508	
493	9.217 292	45	9.223 280	46	0.776 720	9.994 012	1	507	
494	9.217 337	45	9.223 327	47	0.776 673	9.994 010	2	506	
495	9.217 383	46	9.223 374	47	0.776 626	9.994 009	1	505	
496	9.217 428	45	9.223 420	46	0.776 580	9.994 008	1	504	
497	9.217 473	45	9.223 467	47	0.776 533	9.994 006	2	503	
498	9.217 519	46	9.223 513	46	0.776 487	9.994 005	1	502	
499	9.217 564	45	9.223 560	47	0.776 440	9.994 004	1	501	
.500	9.217 609	45	9.223 607	47	0.776 393	9.994 003	1	.500	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

$80^{\circ}.550 - 80^{\circ}.500$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.500 — 9°.550

9°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.217 609		9.223 607		0.776 393	9.994 003		.500	
501	9.217 655	46	9.223 653	46	0.776 347	9.994 001	2	499	
502	9.217 700	45	9.223 700	47	0.776 300	9.994 000	1	498	
503	9.217 745	45	9.223 746	46	0.776 254	9.993 999	1	497	
504	9.217 790	45	9.223 793	47	0.776 207	9.993 998	1	496	
505	9.217 836	46	9.223 839	46	0.776 161	9.993 996	2	495	
506	9.217 881	45	9.223 886	47	0.776 114	9.993 995	1	494	
507	9.217 926	45	9.223 932	46	0.776 068	9.993 994	1	493	
508	9.217 971	45	9.223 979	47	0.776 021	9.993 993	1	492	
509	9.218 017	46	9.224 025	46	0.775 975	9.993 991	2	491	
.510	9.218 062	45	9.224 072	47	0.775 928	9.993 990	1	.490	
511	9.218 107	45	9.224 118	46	0.775 882	9.993 989	1	489	
512	9.218 152	45	9.224 165	47	0.775 835	9.993 987	2	488	
513	9.218 198	46	9.224 211	46	0.775 789	9.993 986	1	487	
514	9.218 243	45	9.224 258	47	0.775 742	9.993 985	1	486	
515	9.218 288	45	9.224 304	46	0.775 696	9.993 984	1	485	
516	9.218 333	45	9.224 351	47	0.775 649	9.993 982	2	484	
517	9.218 379	46	9.224 397	46	0.775 603	9.993 981	1	483	
518	9.218 424	45	9.224 444	47	0.775 556	9.993 980	1	482	
519	9.218 469	45	9.224 490	46	0.775 510	9.993 979	1	481	
.520	9.218 514	45	9.224 537	47	0.775 463	9.993 977	2	.480	
521	9.218 559	45	9.224 583	46	0.775 417	9.993 976	1	479	
522	9.218 605	46	9.224 630	47	0.775 370	9.993 975	1	478	
523	9.218 650	45	9.224 676	46	0.775 324	9.993 973	2	477	
524	9.218 695	45	9.224 723	47	0.775 277	9.993 972	1	476	
525	9.218 740	45	9.224 769	46	0.775 231	9.993 971	1	475	
526	9.218 785	45	9.224 816	47	0.775 184	9.993 970	1	474	
527	9.218 830	45	9.224 862	46	0.775 138	9.993 968	2	473	
528	9.218 876	46	9.224 908	46	0.775 092	9.993 967	1	472	
529	9.218 921	45	9.224 955	47	0.775 045	9.993 966	1	471	
.530	9.218 966	45	9.225 001	46	0.774 999	9.993 965	1	.470	
531	9.219 011	45	9.225 048	47	0.774 952	9.993 963	2	469	
532	9.219 056	45	9.225 094	46	0.774 906	9.993 962	1	468	
533	9.219 101	45	9.225 141	47	0.774 859	9.993 961	1	467	
534	9.219 146	45	9.225 187	46	0.774 813	9.993 959	2	466	
535	9.219 192	46	9.225 233	46	0.774 767	9.993 958	1	465	
536	9.219 237	45	9.225 280	47	0.774 720	9.993 957	1	464	
537	9.219 282	45	9.225 326	46	0.774 674	9.993 956	1	463	
538	9.219 327	45	9.225 373	47	0.774 627	9.993 954	2	462	
539	9.219 372	45	9.225 419	46	0.774 581	9.993 953	1	461	
.540	9.219 417	45	9.225 465	46	0.774 535	9.993 952	1	.460	
541	9.219 462	45	9.225 512	47	0.774 488	9.993 951	1	459	
542	9.219 507	45	9.225 558	46	0.774 442	9.993 949	2	458	
543	9.219 552	45	9.225 604	46	0.774 396	9.993 948	1	457	
544	9.219 598	46	9.225 651	47	0.774 349	9.993 947	1	456	
545	9.219 643	45	9.225 697	46	0.774 303	9.993 945	2	455	
546	9.219 688	45	9.225 743	46	0.774 257	9.993 944	1	454	
547	9.219 733	45	9.225 790	47	0.774 210	9.993 943	1	453	
548	9.219 778	45	9.225 836	46	0.774 164	9.993 942	1	452	
549	9.219 823	45	9.225 883	47	0.774 117	9.993 940	2	451	
.550	9.219 868	45	9.225 929	46	0.774 071	9.993 939	1	.450	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.500 — 80°.450

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.550 — 9°.600

9°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.219 868		9.225 929		0.774 071	9.993 939		.450	
551	9.219 913	45	9.225 975	46	0.774 025	9.993 938	1	449	
552	9.219 958	45	9.226 022	47	0.773 978	9.993 937	1	448	
553	9.220 003	45	9.226 068	46	0.773 932	9.993 935	2	447	
		45		46			1		47
554	9.220 048	45	9.226 114	46	0.773 886	9.993 934	1	446	
555	9.220 093	45	9.226 160	46	0.773 840	9.993 933	1	445	1 4.7
556	9.220 138	45	9.226 207	47	0.773 793	9.993 931	2	444	2 9.4
		45		46			1		3 14.1
557	9.220 183	45	9.226 253	46	0.773 747	9.993 930	1	443	4 18.8
558	9.220 228	45	9.226 299	46	0.773 701	9.993 929	1	442	5 23.5
559	9.220 273	45	9.226 346	47	0.773 654	9.993 928	1	441	6 28.2
		45		46			2		7 32.9
.560	9.220 318	45	9.226 392	46	0.773 608	9.993 926	1	.440	8 37.6
		45		46			1		9 42.3
561	9.220 363	45	9.226 438	46	0.773 562	9.993 925	1	439	
562	9.220 408	45	9.226 484	46	0.773 516	9.993 924	1	438	
563	9.220 453	45	9.226 531	47	0.773 469	9.993 923	1	437	
		45		46			2		
564	9.220 498	45	9.226 577	46	0.773 423	9.993 921	1	436	
565	9.220 543	45	9.226 623	46	0.773 377	9.993 920	1	435	
566	9.220 588	45	9.226 670	47	0.773 330	9.993 919	1	434	46
		45		46			2		1 4.6
567	9.220 633	45	9.226 716	46	0.773 284	9.993 917	1	433	2 9.2
568	9.220 678	45	9.226 762	46	0.773 238	9.993 916	1	432	3 13.8
569	9.220 723	45	9.226 808	46	0.773 192	9.993 915	1	431	4 18.4
		45		47			1		5 23.0
.570	9.220 768	45	9.226 855	46	0.773 145	9.993 914	2	.430	6 27.6
		45		46			1		7 32.2
571	9.220 813	45	9.226 901	46	0.773 099	9.993 912	1	429	8 36.8
572	9.220 858	45	9.226 947	46	0.773 053	9.993 911	1	428	9 41.4
573	9.220 903	45	9.226 993	46	0.773 007	9.993 910	1	427	
		45		46			2		
574	9.220 948	45	9.227 039	47	0.772 961	9.993 908	1	426	
575	9.220 993	45	9.227 086	47	0.772 914	9.993 907	1	425	
576	9.221 038	45	9.227 132	46	0.772 868	9.993 906	1	424	
		45		46			1		
577	9.221 083	45	9.227 178	46	0.772 822	9.993 905	2	423	45
578	9.221 128	45	9.227 224	46	0.772 776	9.993 903	1	422	
579	9.221 173	45	9.227 270	46	0.772 730	9.993 902	1	421	1 4.5
		44		47			1		2 9.0
.580	9.221 217	45	9.227 317	46	0.772 683	9.993 901	1	.420	3 13.5
		45		46			1		4 18.0
581	9.221 262	45	9.227 363	46	0.772 637	9.993 900	2	419	5 22.5
582	9.221 307	45	9.227 409	46	0.772 591	9.993 898	1	418	6 27.0
583	9.221 352	45	9.227 455	46	0.772 545	9.993 897	1	417	7 31.5
		45		46			1		8 36.0
584	9.221 397	45	9.227 501	47	0.772 499	9.993 896	2	416	9 40.5
585	9.221 442	45	9.227 548	46	0.772 452	9.993 894	1	415	
586	9.221 487	45	9.227 594	46	0.772 406	9.993 893	1	414	
		45		46			1		
587	9.221 532	45	9.227 640	46	0.772 360	9.993 892	1	413	
588	9.221 577	45	9.227 686	46	0.772 314	9.993 891	1	412	
589	9.221 621	44	9.227 732	46	0.772 268	9.993 889	2	411	
		45		46			1		44
.590	9.221 666	45	9.227 778	46	0.772 222	9.993 888	1	.410	1 4.4
		45		46			1		2 8.8
591	9.221 711	45	9.227 824	47	0.772 176	9.993 887	2	409	3 13.2
592	9.221 756	45	9.227 871	46	0.772 129	9.993 885	1	408	4 17.6
593	9.221 801	45	9.227 917	46	0.772 083	9.993 884	1	407	5 22.0
		45		46			1		6 26.4
594	9.221 846	45	9.227 963	46	0.772 037	9.993 883	1	406	7 30.8
595	9.221 891	45	9.228 009	46	0.771 991	9.993 882	1	405	8 35.2
596	9.221 935	44	9.228 055	46	0.771 945	9.993 880	2	404	9 39.6
		45		46			1		
597	9.221 980	45	9.228 101	46	0.771 899	9.993 879	1	403	
598	9.222 025	45	9.228 147	46	0.771 853	9.993 878	1	402	
599	9.222 070	45	9.228 193	46	0.771 807	9.993 876	2	401	
		45		46			1		
.600	9.222 115	45	9.228 239	46	0.771 761	9.993 875	1	.400	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.450 — 80°.400

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.600 — 9°.650

9°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.222 115		9.228 239		0.771 761	9.993 875		.400	
601	9.222 159	44	9.228 286	47	0.771 714	9.993 874	1	399	
602	9.222 204	45	9.228 332	46	0.771 668	9.993 873	1	398	
603	9.222 249	45	9.228 378	46	0.771 622	9.993 871	2	397	
604	9.222 294	45	9.228 424	46	0.771 576	9.993 870	1	396	47
605	9.222 339	45	9.228 470	46	0.771 530	9.993 869	1	395	1 4.7
606	9.222 383	44	9.228 516	46	0.771 484	9.993 867	2	394	2 9.4
607	9.222 428	45	9.228 562	46	0.771 438	9.993 866	1	393	3 14.1
608	9.222 473	45	9.228 608	46	0.771 392	9.993 865	1	392	4 18.8
609	9.222 518	45	9.228 654	46	0.771 346	9.993 864	1	391	5 23.5
.610	9.222 563	45	9.228 700	46	0.771 300	9.993 862	2	.390	6 28.2
611	9.222 607	44	9.228 746	46	0.771 254	9.993 861	1	389	7 32.9
612	9.222 652	45	9.228 792	46	0.771 208	9.993 860	1	388	8 37.6
613	9.222 697	45	9.228 838	46	0.771 162	9.993 858	2	387	9 42.3
614	9.222 742	45	9.228 884	46	0.771 116	9.993 857	1	386	
615	9.222 786	44	9.228 930	46	0.771 070	9.993 856	1	385	
616	9.222 831	45	9.228 976	46	0.771 024	9.993 855	1	384	46
617	9.222 876	45	9.229 022	46	0.770 978	9.993 853	2	383	1 4.6
618	9.222 921	45	9.229 068	46	0.770 932	9.993 852	1	382	2 9.2
619	9.222 965	44	9.229 115	47	0.770 885	9.993 851	1	381	3 13.8
.620	9.223 010	45	9.229 161	46	0.770 839	9.993 850	1	.380	4 18.4
621	9.223 055	45	9.229 207	46	0.770 793	9.993 848	2	379	5 23.0
622	9.223 099	44	9.229 253	46	0.770 747	9.993 847	1	378	6 27.6
623	9.223 144	45	9.229 299	46	0.770 701	9.993 846	1	377	7 32.2
624	9.223 189	45	9.229 344	45	0.770 656	9.993 844	2	376	8 36.8
625	9.223 234	45	9.229 390	46	0.770 610	9.993 843	1	375	9 41.4
626	9.223 278	44	9.229 436	46	0.770 564	9.993 842	1	374	
627	9.223 323	45	9.229 482	46	0.770 518	9.993 841	1	373	
628	9.223 368	45	9.229 528	46	0.770 472	9.993 839	2	372	45
629	9.223 412	44	9.229 574	46	0.770 426	9.993 838	1	371	1 4.5
.630	9.223 457	45	9.229 620	46	0.770 380	9.993 837	1	.370	2 9.0
631	9.223 502	45	9.229 666	46	0.770 334	9.993 835	2	369	3 13.5
632	9.223 546	44	9.229 712	46	0.770 288	9.993 834	1	368	4 18.0
633	9.223 591	45	9.229 758	46	0.770 242	9.993 833	1	367	5 22.5
634	9.223 636	45	9.229 804	46	0.770 196	9.993 832	1	366	6 27.0
635	9.223 680	44	9.229 850	46	0.770 150	9.993 830	2	365	7 31.5
636	9.223 725	45	9.229 896	46	0.770 104	9.993 829	1	364	8 36.0
637	9.223 770	45	9.229 942	46	0.770 058	9.993 828	1	363	9 40.5
638	9.223 814	44	9.229 988	46	0.770 012	9.993 826	2	362	
639	9.223 859	45	9.230 034	46	0.769 966	9.993 825	1	361	
.640	9.223 903	44	9.230 080	46	0.769 920	9.993 824	1	.360	44
641	9.223 948	45	9.230 126	46	0.769 874	9.993 822	2	359	1 4.4
642	9.223 993	45	9.230 172	46	0.769 828	9.993 821	1	358	2 8.8
643	9.224 037	44	9.230 217	45	0.769 783	9.993 820	1	357	3 13.2
644	9.224 082	45	9.230 263	46	0.769 737	9.993 819	1	356	4 17.6
645	9.224 127	45	9.230 309	46	0.769 691	9.993 817	2	355	5 22.0
646	9.224 171	44	9.230 355	46	0.769 645	9.993 816	1	354	6 26.4
647	9.224 216	45	9.230 401	46	0.769 599	9.993 815	1	353	7 30.8
648	9.224 260	44	9.230 447	46	0.769 553	9.993 813	2	352	8 35.2
649	9.224 305	45	9.230 493	46	0.769 507	9.993 812	1	351	9 39.6
.650	9.224 349	44	9.230 539	46	0.769 461	9.993 811	1	.350	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.400 — 80°.350

9°.650 — 9°.700

9°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.224 349		9.230 539		0.769 461	9.993 811		.350	
651	9.224 394	45	9.230 584	45	0.769 416	9.993 810	1	349	
652	9.224 439	45	9.230 630	46	0.769 370	9.993 808	2	348	
653	9.224 483	44	9.230 676	46	0.769 324	9.993 807	1	347	
654	9.224 528	45	9.230 722	46	0.769 278	9.993 806	1	346	
655	9.224 572	44	9.230 768	46	0.769 232	9.993 804	2	345	
656	9.224 617	45	9.230 814	46	0.769 186	9.993 803	1	344	
657	9.224 661	44	9.230 860	46	0.769 140	9.993 802	1	343	46
658	9.224 706	45	9.230 905	45	0.769 095	9.993 801	1	342	1 4.6
659	9.224 750	44	9.230 951	46	0.769 049	9.993 799	2	341	2 9.2
.660	9.224 795	45	9.230 997	46	0.769 003	9.993 798	1	.340	3 13.8
661	9.224 840	45	9.231 043	46	0.768 957	9.993 797	1	339	4 18.4
662	9.224 884	44	9.231 089	46	0.768 911	9.993 795	2	338	5 23.0
663	9.224 929	45	9.231 134	45	0.768 866	9.993 794	1	337	6 27.6
664	9.224 973	44	9.231 180	46	0.768 820	9.993 793	1	336	7 32.2
665	9.225 018	45	9.231 226	46	0.768 774	9.993 792	1	335	8 36.8
666	9.225 062	44	9.231 272	46	0.768 728	9.993 790	2	334	9 41.4
667	9.225 107	45	9.231 318	46	0.768 682	9.993 789	1	333	
668	9.225 151	44	9.231 363	45	0.768 637	9.993 788	1	332	
669	9.225 196	45	9.231 409	46	0.768 591	9.993 786	2	331	
.670	9.225 240	44	9.231 455	46	0.768 545	9.993 785	1	.330	
671	9.225 285	45	9.231 501	46	0.768 499	9.993 784	1	329	45
672	9.225 329	44	9.231 547	46	0.768 453	9.993 783	1	328	
673	9.225 374	45	9.231 592	45	0.768 408	9.993 781	2	327	1 4.5
674	9.225 418	44	9.231 638	46	0.768 362	9.993 780	1	326	2 9.0
675	9.225 462	44	9.231 684	46	0.768 316	9.993 779	1	325	3 13.5
676	9.225 507	45	9.231 730	46	0.768 270	9.993 777	2	324	4 18.0
677	9.225 551	44	9.231 775	45	0.768 225	9.993 776	1	323	5 22.5
678	9.225 596	45	9.231 821	46	0.768 179	9.993 775	1	322	6 27.0
679	9.225 640	44	9.231 867	46	0.768 133	9.993 773	2	321	7 31.5
.680	9.225 685	45	9.231 913	46	0.768 087	9.993 772	1	.320	8 36.0
681	9.225 729	44	9.231 958	45	0.768 042	9.993 771	1	319	9 40.5
682	9.225 774	45	9.232 004	46	0.767 996	9.993 770	1	318	
683	9.225 818	44	9.232 050	46	0.767 950	9.993 768	2	317	
684	9.225 862	44	9.232 095	45	0.767 905	9.993 767	1	316	
685	9.225 907	45	9.232 141	46	0.767 859	9.993 766	1	315	
686	9.225 951	44	9.232 187	46	0.767 813	9.993 764	2	314	
687	9.225 996	45	9.232 233	46	0.767 767	9.993 763	1	313	44
688	9.226 040	44	9.232 278	45	0.767 722	9.993 762	1	312	1 4.4
689	9.226 084	44	9.232 324	46	0.767 676	9.993 761	1	311	2 8.8
.690	9.226 129	45	9.232 370	46	0.767 630	9.993 759	2	.310	3 13.2
691	9.226 173	44	9.232 415	45	0.767 585	9.993 758	1	309	4 17.6
692	9.226 218	45	9.232 461	46	0.767 539	9.993 757	1	308	5 22.0
693	9.226 262	44	9.232 507	46	0.767 493	9.993 755	2	307	6 26.4
694	9.226 306	44	9.232 552	45	0.767 448	9.993 754	1	306	7 30.8
695	9.226 351	45	9.232 598	46	0.767 402	9.993 753	1	305	8 35.2
696	9.226 395	44	9.232 644	46	0.767 356	9.993 751	2	304	9 39.6
697	9.226 439	44	9.232 689	45	0.767 311	9.993 750	1	303	
698	9.226 484	45	9.232 735	46	0.767 265	9.993 749	1	302	
699	9.226 528	44	9.232 781	46	0.767 219	9.993 748	1	301	
.700	9.226 573	45	9.232 826	45	0.767 174	9.993 746	2	.300	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.700 — 9°.750

9°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.226 573		9.232 826		0.767 174	9.993 746		.300	
701	9.226 617	44	9.232 872	46	0.767 128	9.993 745	1	299	
702	9.226 661	44	9.232 918	46	0.767 082	9.993 744	1	298	
703	9.226 706	45	9.232 963	45	0.767 037	9.993 742	2	297	
704	9.226 750	44	9.233 009	46	0.766 991	9.993 741	1	296	
705	9.226 794	44	9.233 054	45	0.766 946	9.993 740	1	295	
706	9.226 839	45	9.233 100	46	0.766 900	9.993 739	1	294	
707	9.226 883	44	9.233 146	46	0.766 854	9.993 737	2	293	46
708	9.226 927	44	9.233 191	45	0.766 809	9.993 736	1	292	1 4.6
709	9.226 971	44	9.233 237	46	0.766 763	9.993 735	1	291	2 9.2
.710	9.227 016	45	9.233 282	45	0.766 718	9.993 733	2	.290	3 13.8
711	9.227 060	44	9.233 328	46	0.766 672	9.993 732	1	289	4 18.4
712	9.227 104	44	9.233 374	46	0.766 626	9.993 731	1	288	5 23.0
713	9.227 149	45	9.233 419	45	0.766 581	9.993 729	2	287	6 27.6
714	9.227 193	44	9.233 465	46	0.766 535	9.993 728	1	286	7 32.2
715	9.227 237	44	9.233 510	45	0.766 490	9.993 727	1	285	8 36.8
716	9.227 281	44	9.233 556	46	0.766 444	9.993 726	1	284	9 41.4
717	9.227 326	45	9.233 601	45	0.766 399	9.993 724	2	283	
718	9.227 370	44	9.233 647	46	0.766 353	9.993 723	1	282	
719	9.227 414	44	9.233 693	46	0.766 307	9.993 722	1	281	
.720	9.227 458	44	9.233 738	45	0.766 262	9.993 720	2	.280	
721	9.227 503	45	9.233 784	46	0.766 216	9.993 719	1	279	45
722	9.227 547	44	9.233 829	45	0.766 171	9.993 718	1	278	
723	9.227 591	44	9.233 875	46	0.766 125	9.993 716	2	277	1 4.5
724	9.227 635	44	9.233 920	45	0.766 080	9.993 715	1	276	2 9.0
725	9.227 680	45	9.233 966	46	0.766 034	9.993 714	1	275	3 13.5
726	9.227 724	44	9.234 011	45	0.765 989	9.993 713	1	274	4 18.0
727	9.227 768	44	9.234 057	46	0.765 943	9.993 711	2	273	5 22.5
728	9.227 812	44	9.234 102	45	0.765 898	9.993 710	1	272	6 27.0
729	9.227 857	45	9.234 148	46	0.765 852	9.993 709	1	271	7 31.5
.730	9.227 901	44	9.234 193	45	0.765 807	9.993 707	2	.270	8 36.0
731	9.227 945	44	9.234 239	46	0.765 761	9.993 706	1	269	9 40.5
732	9.227 989	44	9.234 284	45	0.765 716	9.993 705	1	268	
733	9.228 033	44	9.234 330	46	0.765 670	9.993 703	2	267	
734	9.228 078	45	9.234 375	45	0.765 625	9.993 702	1	266	
735	9.228 122	44	9.234 421	46	0.765 579	9.993 701	1	265	
736	9.228 166	44	9.234 466	45	0.765 534	9.993 700	1	264	
737	9.228 210	44	9.234 512	46	0.765 488	9.993 698	2	263	44
738	9.228 254	44	9.234 557	45	0.765 443	9.993 697	1	262	1 4.4
739	9.228 298	44	9.234 603	46	0.765 397	9.993 696	1	261	2 8.8
.740	9.228 343	45	9.234 648	45	0.765 352	9.993 694	2	.260	3 13.2
741	9.228 387	44	9.234 694	46	0.765 306	9.993 693	1	259	4 17.6
742	9.228 431	44	9.234 739	45	0.765 261	9.993 692	1	258	5 22.0
743	9.228 475	44	9.234 785	46	0.765 215	9.993 690	2	257	6 26.4
744	9.228 519	44	9.234 830	45	0.765 170	9.993 689	1	256	7 30.8
745	9.228 563	44	9.234 875	45	0.765 125	9.993 688	1	255	8 35.2
746	9.228 607	44	9.234 921	46	0.765 079	9.993 687	1	254	9 39.6
747	9.228 652	45	9.234 966	45	0.765 034	9.993 685	2	253	
748	9.228 696	44	9.235 012	46	0.764 988	9.993 684	1	252	
749	9.228 740	44	9.235 057	45	0.764 943	9.993 683	1	251	
.750	9.228 784	44	9.235 103	46	0.764 897	9.993 681	2	.250	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.300 — 80°.250

9°.750 — 9°.800

9°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.228 784		9.235 103		0.764 897	9.993 681		.250	
751	9.228 828	44	9.235 148	45	0.764 852	9.993 680	1	249	
752	9.228 872	44	9.235 193	45	0.764 807	9.993 679	1	248	
753	9.228 916	44	9.235 239	46	0.764 761	9.993 677	2	247	
754	9.228 960	44	9.235 284	45	0.764 716	9.993 676	1	246	46
755	9.229 004	44	9.235 330	46	0.764 670	9.993 675	1	245	1 4.6
756	9.229 049	45	9.235 375	45	0.764 625	9.993 674	1	244	2 9.2
757	9.229 093	44	9.235 420	45	0.764 580	9.993 672	2	243	3 13.8
758	9.229 137	44	9.235 466	46	0.764 534	9.993 671	1	242	4 18.4
759	9.229 181	44	9.235 511	45	0.764 489	9.993 670	1	241	5 23.0
.760	9.229 225	44	9.235 557	46	0.764 443	9.993 668	2	.240	6 27.6
761	9.229 269	44	9.235 602	45	0.764 398	9.993 667	1	239	7 32.2
762	9.229 313	44	9.235 647	45	0.764 353	9.993 666	1	238	8 36.8
763	9.229 357	44	9.235 693	46	0.764 307	9.993 664	2	237	9 41.4
764	9.229 401	44	9.235 738	45	0.764 262	9.993 663	1	236	
765	9.229 445	44	9.235 783	45	0.764 217	9.993 662	1	235	
766	9.229 489	44	9.235 829	46	0.764 171	9.993 660	2	234	45
767	9.229 533	44	9.235 874	45	0.764 126	9.993 659	1	233	1 4.5
768	9.229 577	44	9.235 919	45	0.764 081	9.993 658	1	232	2 9.0
769	9.229 621	44	9.235 965	46	0.764 035	9.993 657	1	231	3 13.5
.770	9.229 665	44	9.236 010	45	0.763 990	9.993 655	2	.230	4 18.0
771	9.229 709	44	9.236 055	45	0.763 945	9.993 654	1	229	5 22.5
772	9.229 753	44	9.236 101	46	0.763 899	9.993 653	1	228	6 27.0
773	9.229 797	44	9.236 146	45	0.763 854	9.993 651	2	227	7 31.5
774	9.229 841	44	9.236 191	45	0.763 809	9.993 650	1	226	8 36.0
775	9.229 885	44	9.236 237	46	0.763 763	9.993 649	1	225	9 40.5
776	9.229 929	44	9.236 282	45	0.763 718	9.993 647	2	224	
777	9.229 973	44	9.236 327	45	0.763 673	9.993 646	1	223	
778	9.230 017	44	9.236 372	45	0.763 628	9.993 645	1	222	44
779	9.230 061	44	9.236 418	46	0.763 582	9.993 644	1	221	1 4.4
.780	9.230 105	44	9.236 463	45	0.763 537	9.993 642	2	.220	2 8.8
781	9.230 149	44	9.236 508	45	0.763 492	9.993 641	1	219	3 13.2
782	9.230 193	44	9.236 554	46	0.763 446	9.993 640	1	218	4 17.6
783	9.230 237	44	9.236 599	45	0.763 401	9.993 638	2	217	5 22.0
784	9.230 281	44	9.236 644	45	0.763 356	9.993 637	1	216	6 26.4
785	9.230 325	44	9.236 689	45	0.763 311	9.993 636	1	215	7 30.8
786	9.230 369	44	9.236 735	46	0.763 265	9.993 634	2	214	8 35.2
787	9.230 413	44	9.236 780	45	0.763 220	9.993 633	1	213	9 39.6
788	9.230 457	44	9.236 825	45	0.763 175	9.993 632	1	212	
789	9.230 501	44	9.236 870	45	0.763 130	9.993 630	2	211	
.790	9.230 545	44	9.236 916	46	0.763 084	9.993 629	1	.210	43
791	9.230 589	44	9.236 961	45	0.763 039	9.993 628	1	209	1 4.3
792	9.230 633	44	9.237 006	45	0.762 994	9.993 627	1	208	2 8.6
793	9.230 677	44	9.237 051	45	0.762 949	9.993 625	2	207	3 12.9
794	9.230 720	43	9.237 097	46	0.762 903	9.993 624	1	206	4 17.2
795	9.230 764	44	9.237 142	45	0.762 858	9.993 623	1	205	5 21.5
796	9.230 808	44	9.237 187	45	0.762 813	9.993 621	2	204	6 25.8
797	9.230 852	44	9.237 232	45	0.762 768	9.993 620	1	203	7 30.1
798	9.230 896	44	9.237 277	45	0.762 723	9.993 619	1	202	8 34.4
799	9.230 940	44	9.237 323	46	0.762 677	9.993 617	2	201	9 38.7
.800	9.230 984	44	9.237 368	45	0.762 632	9.993 616	1	.200	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.800 — 9°.850

9°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.230 984		9.237 368		0.762 632	9.993 616		.200	
801	9.231 028	44	9.237 413	45	0.762 587	9.993 615	1	199	
802	9.231 072	44	9.237 458	45	0.762 542	9.993 613	2	198	
803	9.231 115	43	9.237 503	45	0.762 497	9.993 612	1	197	
804	9.231 159	44	9.237 548	45	0.762 452	9.993 611	1	196	46
805	9.231 203	44	9.237 594	46	0.762 406	9.993 609	2	195	1 4.6
806	9.231 247	44	9.237 639	45	0.762 361	9.993 608	1	194	2 9.2
807	9.231 291	44	9.237 684	45	0.762 316	9.993 607	1	193	3 13.8
808	9.231 335	44	9.237 729	45	0.762 271	9.993 606	1	192	4 18.4
809	9.231 379	44	9.237 774	45	0.762 226	9.993 604	2	191	5 23.0
.810	9.231 422	43	9.237 819	45	0.762 181	9.993 603	1	.190	6 27.6
811	9.231 466	44	9.237 865	46	0.762 135	9.993 602	1	189	7 32.2
812	9.231 510	44	9.237 910	45	0.762 090	9.993 600	2	188	8 36.8
813	9.231 554	44	9.237 955	45	0.762 045	9.993 599	1	187	9 41.4
814	9.231 598	44	9.238 000	45	0.762 000	9.993 598	1	186	
815	9.231 642	44	9.238 045	45	0.761 955	9.993 596	2	185	
816	9.231 685	43	9.238 090	45	0.761 910	9.993 595	1	184	45
817	9.231 729	44	9.238 135	45	0.761 865	9.993 594	1	183	1 4.5
818	9.231 773	44	9.238 180	45	0.761 820	9.993 592	2	182	2 9.0
819	9.231 817	44	9.238 226	46	0.761 774	9.993 591	1	181	3 13.5
.820	9.231 861	44	9.238 271	45	0.761 729	9.993 590	1	.180	4 18.0
821	9.231 904	43	9.238 316	45	0.761 684	9.993 589	1	179	5 22.5
822	9.231 948	44	9.238 361	45	0.761 639	9.993 587	2	178	6 27.0
823	9.231 992	44	9.238 406	45	0.761 594	9.993 586	1	177	7 31.5
824	9.232 036	44	9.238 451	45	0.761 549	9.993 585	1	176	8 36.0
825	9.232 079	43	9.238 496	45	0.761 504	9.993 583	2	175	9 40.5
826	9.232 123	44	9.238 541	45	0.761 459	9.993 582	1	174	
827	9.232 167	44	9.238 586	45	0.761 414	9.993 581	1	173	
828	9.232 211	44	9.238 631	45	0.761 369	9.993 579	2	172	44
829	9.232 254	43	9.238 676	45	0.761 324	9.993 578	1	171	1 4.4
.830	9.232 298	44	9.238 722	46	0.761 278	9.993 577	1	.170	2 8.8
831	9.232 342	44	9.238 767	45	0.761 233	9.993 575	2	169	3 13.2
832	9.232 386	44	9.238 812	45	0.761 188	9.993 574	1	168	4 17.6
833	9.232 429	43	9.238 857	45	0.761 143	9.993 573	1	167	5 22.0
834	9.232 473	44	9.238 902	45	0.761 098	9.993 571	2	166	6 26.4
835	9.232 517	44	9.238 947	45	0.761 053	9.993 570	1	165	7 30.8
836	9.232 561	44	9.238 992	45	0.761 008	9.993 569	1	164	8 35.2
837	9.232 604	43	9.239 037	45	0.760 963	9.993 568	2	163	9 39.6
838	9.232 648	44	9.239 082	45	0.760 918	9.993 566	1	162	
839	9.232 692	44	9.239 127	45	0.760 873	9.993 565	1	161	
.840	9.232 735	43	9.239 172	45	0.760 828	9.993 564	1	.160	43
841	9.232 779	44	9.239 217	45	0.760 783	9.993 562	2	159	1 4.3
842	9.232 823	44	9.239 262	45	0.760 738	9.993 561	1	158	2 8.6
843	9.232 867	44	9.239 307	45	0.760 693	9.993 560	1	157	3 12.9
844	9.232 910	43	9.239 352	45	0.760 648	9.993 558	2	156	4 17.2
845	9.232 954	44	9.239 397	45	0.760 603	9.993 557	1	155	5 21.5
846	9.232 998	44	9.239 442	45	0.760 558	9.993 556	1	154	6 25.8
847	9.233 041	43	9.239 487	45	0.760 513	9.993 554	2	153	7 30.1
848	9.233 085	44	9.239 532	45	0.760 468	9.993 553	1	152	8 34.4
849	9.233 129	44	9.239 577	45	0.760 423	9.993 552	1	151	9 38.7
.850	9.233 172	43	9.239 622	45	0.760 378	9.993 550	2	.150	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.200 — 80°.150

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.850 — 9°.900

9°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.233 172		9.239 622		0.760 378	9.993 550		.150	
851	9.233 216	44	9.239 667	45	0.760 333	9.993 549	1	149	
852	9.233 260	44	9.239 712	45	0.760 288	9.993 548	1	148	
853	9.233 303	43	9.239 757	45	0.760 243	9.993 546	2	147	
854	9.233 347	44	9.239 802	45	0.760 198	9.993 545	1	146	
855	9.233 390	43	9.239 847	45	0.760 153	9.993 544	1	145	
856	9.233 434	44	9.239 892	45	0.760 108	9.993 543	1	144	
857	9.233 478	44	9.239 937	45	0.760 063	9.993 541	2	143	45
858	9.233 521	43	9.239 981	44	0.760 019	9.993 540	1	142	1 4.5
859	9.233 565	44	9.240 026	45	0.759 974	9.993 539	1	141	2 9.0
.860	9.233 609	44	9.240 071	45	0.759 929	9.993 537	2	.140	3 13.5
861	9.233 652	43	9.240 116	45	0.759 884	9.993 536	1	139	4 18.0
862	9.233 696	44	9.240 161	45	0.759 839	9.993 535	1	138	5 22.5
863	9.233 739	43	9.240 206	45	0.759 794	9.993 533	2	137	6 27.0
864	9.233 783	44	9.240 251	45	0.759 749	9.993 532	1	136	7 31.5
865	9.233 827	44	9.240 296	45	0.759 704	9.993 531	1	135	8 36.0
866	9.233 870	43	9.240 341	45	0.759 659	9.993 529	2	134	9 40.5
867	9.233 914	44	9.240 386	45	0.759 614	9.993 528	1	133	
868	9.233 957	43	9.240 431	45	0.759 569	9.993 527	1	132	
869	9.234 001	44	9.240 476	45	0.759 524	9.993 525	2	131	
.870	9.234 044	43	9.240 520	44	0.759 480	9.993 524	1	.130	
871	9.234 088	44	9.240 565	45	0.759 435	9.993 523	1	129	44
872	9.234 132	44	9.240 610	45	0.759 390	9.993 521	2	128	
873	9.234 175	43	9.240 655	45	0.759 345	9.993 520	1	127	1 4.4
874	9.234 219	44	9.240 700	45	0.759 300	9.993 519	1	126	2 8.8
875	9.234 262	43	9.240 745	45	0.759 255	9.993 517	2	125	3 13.2
876	9.234 306	44	9.240 790	45	0.759 210	9.993 516	1	124	4 17.6
877	9.234 349	43	9.240 834	44	0.759 166	9.993 515	1	123	5 22.0
878	9.234 393	44	9.240 879	45	0.759 121	9.993 514	1	122	6 26.4
879	9.234 436	43	9.240 924	45	0.759 076	9.993 512	2	121	7 30.8
.880	9.234 480	44	9.240 969	45	0.759 031	9.993 511	1	.120	8 35.2
881	9.234 523	43	9.241 014	45	0.758 986	9.993 510	1	119	9 39.6
882	9.234 567	44	9.241 059	45	0.758 941	9.993 508	2	118	
883	9.234 610	43	9.241 104	45	0.758 896	9.993 507	1	117	
884	9.234 654	44	9.241 148	44	0.758 852	9.993 506	1	116	
885	9.234 697	43	9.241 193	45	0.758 807	9.993 504	2	115	
886	9.234 741	44	9.241 238	45	0.758 762	9.993 503	1	114	
887	9.234 784	43	9.241 283	45	0.758 717	9.993 502	1	113	43
888	9.234 828	44	9.241 328	45	0.758 672	9.993 500	2	112	1 4.3
889	9.234 871	43	9.241 372	44	0.758 628	9.993 499	1	111	2 8.6
.890	9.234 915	44	9.241 417	45	0.758 583	9.993 498	1	.110	3 12.9
891	9.234 958	43	9.241 462	45	0.758 538	9.993 496	2	109	4 17.2
892	9.235 002	44	9.241 507	45	0.758 493	9.993 495	1	108	5 21.5
893	9.235 045	43	9.241 552	45	0.758 448	9.993 494	1	107	6 25.8
894	9.235 089	44	9.241 596	44	0.758 404	9.993 492	2	106	7 30.1
895	9.235 132	43	9.241 641	45	0.758 359	9.993 491	1	105	8 34.4
896	9.235 176	44	9.241 686	45	0.758 314	9.993 490	1	104	9 38.7
897	9.235 219	43	9.241 731	45	0.758 269	9.993 488	2	103	
898	9.235 263	44	9.241 775	44	0.758 225	9.993 487	1	102	
899	9.235 306	43	9.241 820	45	0.758 180	9.993 486	1	101	
.900	9.235 349	44	9.241 865	45	0.758 135	9.993 484	2	.100	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.150 — 80°.100

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.900 — 9°.950

9°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.235 349		9.241 865		0.758 135	9.993 484		.100	
901	9.235 393	44	9.241 910	45	0.758 090	9.993 483	1	099	
902	9.235 436	43	9.241 954	44	0.758 046	9.993 482	1	098	
903	9.235 480	44	9.241 999	45	0.758 001	9.993 480	2	097	
904	9.235 523	43	9.242 044	45	0.757 956	9.993 479	1	096	
905	9.235 566	43	9.242 089	45	0.757 911	9.993 478	1	095	
906	9.235 610	44	9.242 133	44	0.757 867	9.993 476	2	094	
907	9.235 653	43	9.242 178	45	0.757 822	9.993 475	1	093	45
908	9.235 697	44	9.242 223	45	0.757 777	9.993 474	1	092	1 4.5
909	9.235 740	43	9.242 268	45	0.757 732	9.993 473	1	091	2 9.0
.910	9.235 783	43	9.242 312	44	0.757 688	9.993 471	2	.090	3 13.5
911	9.235 827	44	9.242 357	45	0.757 643	9.993 470	1	089	4 18.0
912	9.235 870	43	9.242 402	45	0.757 598	9.993 469	1	088	5 22.5
913	9.235 914	44	9.242 446	44	0.757 554	9.993 467	2	087	6 27.0
914	9.235 957	43	9.242 491	45	0.757 509	9.993 466	1	086	7 31.5
915	9.236 000	43	9.242 536	45	0.757 464	9.993 465	1	085	8 36.0
916	9.236 044	44	9.242 580	44	0.757 420	9.993 463	2	084	9 40.5
917	9.236 087	43	9.242 625	45	0.757 375	9.993 462	1	083	
918	9.236 130	43	9.242 670	45	0.757 330	9.993 461	1	082	
919	9.236 174	44	9.242 714	44	0.757 286	9.993 459	2	081	
.920	9.236 217	43	9.242 759	45	0.757 241	9.993 458	1	.080	
921	9.236 260	43	9.242 804	45	0.757 196	9.993 457	1	079	44
922	9.236 304	44	9.242 848	44	0.757 152	9.993 455	2	078	
923	9.236 347	43	9.242 893	45	0.757 107	9.993 454	1	077	1 4.4
924	9.236 390	43	9.242 938	45	0.757 062	9.993 453	1	076	2 8.8
925	9.236 434	44	9.242 982	44	0.757 018	9.993 451	2	075	3 13.2
926	9.236 477	43	9.243 027	45	0.756 973	9.993 450	1	074	4 17.6
927	9.236 520	43	9.243 072	45	0.756 928	9.993 449	1	073	5 22.0
928	9.236 564	44	9.243 116	44	0.756 884	9.993 447	2	072	6 26.4
929	9.236 607	43	9.243 161	45	0.756 839	9.993 446	1	071	7 30.8
.930	9.236 650	43	9.243 206	45	0.756 794	9.993 445	1	.070	8 35.2
931	9.236 694	44	9.243 250	44	0.756 750	9.993 443	2	069	9 39.6
932	9.236 737	43	9.243 295	45	0.756 705	9.993 442	1	068	
933	9.236 780	43	9.243 339	44	0.756 661	9.993 441	1	067	
934	9.236 823	43	9.243 384	45	0.756 616	9.993 439	2	066	
935	9.236 867	44	9.243 429	45	0.756 571	9.993 438	1	065	
936	9.236 910	43	9.243 473	44	0.756 527	9.993 437	1	064	43
937	9.236 953	43	9.243 518	45	0.756 482	9.993 435	2	063	1 4.3
938	9.236 997	44	9.243 562	44	0.756 438	9.993 434	1	062	2 8.6
939	9.237 040	43	9.243 607	45	0.756 393	9.993 433	1	061	3 12.9
.940	9.237 083	43	9.243 652	45	0.756 348	9.993 431	2	.060	4 17.2
941	9.237 126	43	9.243 696	44	0.756 304	9.993 430	1	059	5 21.5
942	9.237 170	44	9.243 741	45	0.756 259	9.993 429	1	058	6 25.8
943	9.237 213	43	9.243 785	44	0.756 215	9.993 427	2	057	7 30.1
944	9.237 256	43	9.243 830	45	0.756 170	9.993 426	1	056	8 34.4
945	9.237 299	43	9.243 874	44	0.756 126	9.993 425	1	055	9 38.7
946	9.237 342	43	9.243 919	45	0.756 081	9.993 423	2	054	
947	9.237 386	44	9.243 964	45	0.756 036	9.993 422	1	053	
948	9.237 429	43	9.244 008	44	0.755 992	9.993 421	1	052	
949	9.237 472	43	9.244 053	45	0.755 947	9.993 419	2	051	
.950	9.237 515	43	9.244 097	44	0.755 903	9.993 418	1	.050	
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.100 — 80°.050

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

9°.950 — 10°.000

9°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.237 515		9.244 097		0.755 903	9.993 418		.050	
951	9.237 559	44	9.244 142	45	0.755 858	9.993 417	1	049	
952	9.237 602	43	9.244 186	44	0.755 814	9.993 415	2	048	
953	9.237 645	43	9.244 231	45	0.755 769	9.993 414	1	047	
		43		44			1		
954	9.237 688	43	9.244 275	44	0.755 725	9.993 413	2	046	
955	9.237 731	43	9.244 320	45	0.755 680	9.993 411	1	045	
956	9.237 775	44	9.244 364	44	0.755 636	9.993 410	1	044	
		43		45			1		
957	9.237 818	43	9.244 409	45	0.755 591	9.993 409	2	043	45
958	9.237 861	43	9.244 453	44	0.755 547	9.993 407	1	042	1 4.5
959	9.237 904	43	9.244 498	45	0.755 502	9.993 406	1	041	2 9.0
		43		44			1		3 13.5
.960	9.237 947	43	9.244 542	45	0.755 458	9.993 405	2	.040	4 18.0
		43		45			2		5 22.5
961	9.237 990	44	9.244 587	44	0.755 413	9.993 403	1	039	6 27.0
962	9.238 034	43	9.244 631	44	0.755 369	9.993 402	1	038	7 31.5
963	9.238 077	43	9.244 676	45	0.755 324	9.993 401	2	037	8 36.0
		43		44			1		9 40.5
964	9.238 120	43	9.244 720	44	0.755 280	9.993 399	2	036	
965	9.238 163	43	9.244 765	45	0.755 235	9.993 398	1	035	
966	9.238 206	43	9.244 809	44	0.755 191	9.993 397	1	034	
		43		45			2		
967	9.238 249	43	9.244 854	44	0.755 146	9.993 395	1	033	
968	9.238 292	43	9.244 898	44	0.755 102	9.993 394	1	032	
969	9.238 336	44	9.244 943	45	0.755 057	9.993 393	1	031	
		43		44			2		
.970	9.238 379	43	9.244 987	45	0.755 013	9.993 391	1	.030	
		43		45			1		44
971	9.238 422	43	9.245 032	44	0.754 968	9.993 390	1	029	
972	9.238 465	43	9.245 076	44	0.754 924	9.993 389	2	028	
973	9.238 508	43	9.245 120	44	0.754 880	9.993 387	1	027	1 4.4
		43		45			1		2 8.8
974	9.238 551	43	9.245 165	44	0.754 835	9.993 386	1	026	3 13.2
975	9.238 594	43	9.245 209	45	0.754 791	9.993 385	2	025	4 17.6
976	9.238 637	43	9.245 254	44	0.754 746	9.993 383	1	024	5 22.0
		43		44			1		6 26.4
977	9.238 680	43	9.245 298	45	0.754 702	9.993 382	1	023	7 30.8
978	9.238 723	43	9.245 343	44	0.754 657	9.993 381	2	022	8 35.2
979	9.238 767	44	9.245 387	44	0.754 613	9.993 379	1	021	9 39.6
		43		44			1		
.980	9.238 810	43	9.245 431	45	0.754 569	9.993 378	1	.020	
		43		45			1		
981	9.238 853	43	9.245 476	44	0.754 524	9.993 377	2	019	
982	9.238 896	43	9.245 520	45	0.754 480	9.993 375	1	018	
983	9.238 939	43	9.245 565	44	0.754 435	9.993 374	1	017	
		43		44			1		
984	9.238 982	43	9.245 609	44	0.754 391	9.993 373	2	016	
985	9.239 025	43	9.245 653	45	0.754 347	9.993 371	1	015	
986	9.239 068	43	9.245 698	45	0.754 302	9.993 370	1	014	
		43		44			1		43
987	9.239 111	43	9.245 742	44	0.754 258	9.993 369	2	013	1 4.3
988	9.239 154	43	9.245 787	45	0.754 213	9.993 367	1	012	2 8.6
989	9.239 197	43	9.245 831	44	0.754 169	9.993 366	1	011	3 12.9
		43		44			1		4 17.2
.990	9.239 240	43	9.245 875	45	0.754 125	9.993 365	2	.010	5 21.5
		43		45			2		6 25.8
991	9.239 283	43	9.245 920	44	0.754 080	9.993 363	1	009	7 30.1
992	9.239 326	43	9.245 964	44	0.754 036	9.993 362	1	008	8 34.4
993	9.239 369	43	9.246 008	44	0.753 992	9.993 361	2	007	9 38.7
		43		45			1		
994	9.239 412	43	9.246 053	44	0.753 947	9.993 359	2	006	
995	9.239 455	43	9.246 097	44	0.753 903	9.993 358	1	005	
996	9.239 498	43	9.246 141	44	0.753 859	9.993 357	1	004	
		43		45			2		
997	9.239 541	43	9.246 186	44	0.753 814	9.993 355	1	003	
998	9.239 584	43	9.246 230	44	0.753 770	9.993 354	1	002	
999	9.239 627	43	9.246 274	44	0.753 726	9.993 353	1	001	
		43		45			2		
*.000	9.239 670	43	9.246 319	45	0.753 681	9.993 351	1	.000	
		43		45			1		
	cos	d	cotg	d	tang	sin	d	80°	P.P.

80°.050 — 80°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

10°.000 — 10°.050

10°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.239 670		9.246 319		0.753 681	9.993 351		*.000	
001	9.239 713	43	9.246 363	44	0.753 637	9.993 350	1	999	
002	9.239 756	43	9.246 407	44	0.753 593	9.993 349	1	998	
003	9.239 799	43	9.246 452	45	0.753 548	9.993 347	2	997	
004	9.239 842	43	9.246 496	44	0.753 504	9.993 346	1	996	45
005	9.239 885	43	9.246 540	44	0.753 460	9.993 345	1	995	1 4.5
006	9.239 928	43	9.246 585	45	0.753 415	9.993 343	2	994	2 9.0
007	9.239 971	43	9.246 629	44	0.753 371	9.993 342	1	993	3 13.5
008	9.240 014	43	9.246 673	44	0.753 327	9.993 341	1	992	4 18.0
009	9.240 057	43	9.246 718	45	0.753 282	9.993 339	2	991	5 22.5
.010	9.240 100	43	9.246 762	44	0.753 238	9.993 338	1	.990	6 27.0
011	9.240 143	43	9.246 806	44	0.753 194	9.993 337	1	989	7 31.5
012	9.240 186	43	9.246 850	44	0.753 150	9.993 335	2	988	8 36.0
013	9.240 229	43	9.246 895	45	0.753 105	9.993 334	1	987	9 40.5
014	9.240 272	43	9.246 939	44	0.753 061	9.993 333	1	986	
015	9.240 315	43	9.246 983	44	0.753 017	9.993 331	2	985	
016	9.240 357	42	9.247 027	44	0.752 973	9.993 330	1	984	44
017	9.240 400	43	9.247 072	45	0.752 928	9.993 329	1	983	1 4.4
018	9.240 443	43	9.247 116	44	0.752 884	9.993 327	2	982	2 8.8
019	9.240 486	43	9.247 160	44	0.752 840	9.993 326	1	981	3 13.2
.020	9.240 529	43	9.247 204	44	0.752 796	9.993 325	1	.980	4 17.6
021	9.240 572	43	9.247 249	45	0.752 751	9.993 323	2	979	5 22.0
022	9.240 615	43	9.247 293	44	0.752 707	9.993 322	1	978	6 26.4
023	9.240 658	43	9.247 337	44	0.752 663	9.993 321	1	977	7 30.8
024	9.240 701	43	9.247 381	44	0.752 619	9.993 319	2	976	8 35.2
025	9.240 744	43	9.247 426	45	0.752 574	9.993 318	1	975	9 39.6
026	9.240 786	42	9.247 470	44	0.752 530	9.993 317	1	974	
027	9.240 829	43	9.247 514	44	0.752 486	9.993 315	2	973	43
028	9.240 872	43	9.247 558	44	0.752 442	9.993 314	1	972	
029	9.240 915	43	9.247 602	44	0.752 398	9.993 313	1	971	1 4.3
.030	9.240 958	43	9.247 647	45	0.752 353	9.993 311	2	.970	2 8.6
031	9.241 001	43	9.247 691	44	0.752 309	9.993 310	1	969	3 12.9
032	9.241 044	43	9.247 735	44	0.752 265	9.993 309	1	968	4 17.2
033	9.241 086	42	9.247 779	44	0.752 221	9.993 307	2	967	5 21.5
034	9.241 129	43	9.247 823	44	0.752 177	9.993 306	1	966	6 25.8
035	9.241 172	43	9.247 868	45	0.752 132	9.993 305	1	965	7 30.1
036	9.241 215	43	9.247 912	44	0.752 088	9.993 303	2	964	8 34.4
037	9.241 258	43	9.247 956	44	0.752 044	9.993 302	1	963	9 38.7
038	9.241 301	43	9.248 000	44	0.752 000	9.993 301	1	962	
039	9.241 343	42	9.248 044	44	0.751 956	9.993 299	2	961	
.040	9.241 386	43	9.248 088	44	0.751 912	9.993 298	1	.960	42
041	9.241 429	43	9.248 132	44	0.751 868	9.993 297	1	959	1 4.2
042	9.241 472	43	9.248 177	45	0.751 823	9.993 295	2	958	2 8.4
043	9.241 515	43	9.248 221	44	0.751 779	9.993 294	1	957	3 12.6
044	9.241 557	42	9.248 265	44	0.751 735	9.993 293	1	956	4 16.8
045	9.241 600	43	9.248 309	44	0.751 691	9.993 291	2	955	5 21.0
046	9.241 643	43	9.248 353	44	0.751 647	9.993 290	1	954	6 25.2
047	9.241 686	43	9.248 397	44	0.751 603	9.993 288	2	953	7 29.4
048	9.241 729	43	9.248 441	44	0.751 559	9.993 287	1	952	8 33.6
049	9.241 771	42	9.248 486	45	0.751 514	9.993 286	1	951	9 37.8
.050	9.241 814	43	9.248 530	44	0.751 470	9.993 284	2	.950	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

80°.000 — 79°.950

$10^{\circ}.050 - 10^{\circ}.100$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.241 814		9.248 530		0.751 470	9.993 284		.950	
051	9.241 857	43	9.248 574	44	0.751 426	9.993 283	1	949	
052	9.241 900	43	9.248 618	44	0.751 382	9.993 282	1	948	
053	9.241 942	42	9.248 662	44	0.751 338	9.993 280	2	947	
054	9.241 985	43	9.248 706	44	0.751 294	9.993 279	1	946	45
055	9.242 028	43	9.248 750	44	0.751 250	9.993 278	1	945	1 4.5
056	9.242 071	43	9.248 794	44	0.751 206	9.993 276	2	944	2 9.0
057	9.242 113	42	9.248 838	44	0.751 162	9.993 275	1	943	3 13.5
058	9.242 156	43	9.248 882	44	0.751 118	9.993 274	1	942	4 18.0
059	9.242 199	43	9.248 927	45	0.751 073	9.993 272	2	941	5 22.5
.060	9.242 242	43	9.248 971	44	0.751 029	9.993 271	1	.940	6 27.0
061	9.242 284	42	9.249 015	44	0.750 985	9.993 270	1	939	7 31.5
062	9.242 327	43	9.249 059	44	0.750 941	9.993 268	2	938	8 36.0
063	9.242 370	43	9.249 103	44	0.750 897	9.993 267	1	937	9 40.5
064	9.242 412	42	9.249 147	44	0.750 853	9.993 266	1	936	
065	9.242 455	43	9.249 191	44	0.750 809	9.993 264	2	935	
066	9.242 498	43	9.249 235	44	0.750 765	9.993 263	1	934	44
067	9.242 541	43	9.249 279	44	0.750 721	9.993 262	1	933	1 4.4
068	9.242 583	42	9.249 323	44	0.750 677	9.993 260	2	932	2 8.8
069	9.242 626	43	9.249 367	44	0.750 633	9.993 259	1	931	3 13.2
.070	9.242 669	43	9.249 411	44	0.750 589	9.993 258	1	.930	4 17.6
071	9.242 711	42	9.249 455	44	0.750 545	9.993 256	2	929	5 22.0
072	9.242 754	43	9.249 499	44	0.750 501	9.993 255	1	928	6 26.4
073	9.242 797	43	9.249 543	44	0.750 457	9.993 254	1	927	7 30.8
074	9.242 839	42	9.249 587	44	0.750 413	9.993 252	2	926	8 35.2
075	9.242 882	43	9.249 631	44	0.750 369	9.993 251	1	925	9 39.6
076	9.242 925	43	9.249 675	44	0.750 325	9.993 249	2	924	
077	9.242 967	42	9.249 719	44	0.750 281	9.993 248	1	923	
078	9.243 010	43	9.249 763	44	0.750 237	9.993 247	1	922	43
079	9.243 053	43	9.249 807	44	0.750 193	9.993 245	2	921	1 4.3
.080	9.243 095	42	9.249 851	44	0.750 149	9.993 244	1	.920	2 8.6
081	9.243 138	43	9.249 895	44	0.750 105	9.993 243	1	919	3 12.9
082	9.243 181	43	9.249 939	44	0.750 061	9.993 241	2	918	4 17.2
083	9.243 223	42	9.249 983	44	0.750 017	9.993 240	1	917	5 21.5
084	9.243 266	43	9.250 027	44	0.749 973	9.993 239	1	916	6 25.8
085	9.243 308	42	9.250 071	44	0.749 929	9.993 237	2	915	7 30.1
086	9.243 351	43	9.250 115	44	0.749 885	9.993 236	1	914	8 34.4
087	9.243 394	43	9.250 159	44	0.749 841	9.993 235	1	913	9 38.7
088	9.243 436	42	9.250 203	44	0.749 797	9.993 233	2	912	
089	9.243 479	43	9.250 247	44	0.749 753	9.993 232	1	911	
.090	9.243 521	42	9.250 291	44	0.749 709	9.993 231	1	.910	42
091	9.243 564	43	9.250 335	44	0.749 665	9.993 229	2	909	1 4.2
092	9.243 607	43	9.250 379	44	0.749 621	9.993 228	1	908	2 8.4
093	9.243 649	42	9.250 423	44	0.749 577	9.993 227	1	907	3 12.6
094	9.243 692	43	9.250 467	44	0.749 533	9.993 225	2	906	4 16.8
095	9.243 734	42	9.250 511	44	0.749 489	9.993 224	1	905	5 21.0
096	9.243 777	43	9.250 554	43	0.749 446	9.993 223	1	904	6 25.2
097	9.243 820	43	9.250 598	44	0.749 402	9.993 221	2	903	7 29.4
098	9.243 862	42	9.250 642	44	0.749 358	9.993 220	1	902	8 33.6
099	9.243 905	43	9.250 686	44	0.749 314	9.993 218	2	901	9 37.8
.100	9.243 947	42	9.250 730	44	0.749 270	9.993 217	1	.900	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.950 - 79^{\circ}.900$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.100 - 10^{\circ}.150$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.243 947		9.250 730		0.749 270	9.993 217		.900	
101	9.243 990	43	9.250 774	44	0.749 226	9.993 216	1	899	
102	9.244 032	42	9.250 818	44	0.749 182	9.993 214	2	898	
103	9.244 075	43	9.250 862	44	0.749 138	9.993 213	1	897	
		42		44			1		
104	9.244 117		9.250 906		0.749 094	9.993 212	2	896	
105	9.244 160	43	9.250 950	44	0.749 050	9.993 210	1	895	
106	9.244 202	42	9.250 993	43	0.749 007	9.993 209	1	894	
		43		44			1		
107	9.244 245		9.251 037		0.748 963	9.993 208	2	893	44
108	9.244 287	42	9.251 081	44	0.748 919	9.993 206	1	892	1 4.4
109	9.244 330	43	9.251 125	44	0.748 875	9.993 205	2	891	2 8.8
		43		44			1		3 13.2
.110	9.244 373		9.251 169		0.748 831	9.993 204	2	.890	4 17.6
		42		44			1		5 22.0
111	9.244 415		9.251 213		0.748 787	9.993 202	2	889	6 26.4
112	9.244 458	43	9.251 257	44	0.748 743	9.993 201	1	888	7 30.8
113	9.244 500	42	9.251 300	43	0.748 700	9.993 200	2	887	8 35.2
		43		44			1		9 39.6
114	9.244 543		9.251 344		0.748 656	9.993 198	2	886	
115	9.244 585	42	9.251 388	44	0.748 612	9.993 197	1	885	
116	9.244 627	42	9.251 432	44	0.748 568	9.993 196	2	884	
		43		44			1		
117	9.244 670		9.251 476		0.748 524	9.993 194	2	883	
118	9.244 712	42	9.251 520	44	0.748 480	9.993 193	1	882	
119	9.244 755	43	9.251 563	43	0.748 437	9.993 191	2	881	
		42		44			1		
.120	9.244 797		9.251 607		0.748 393	9.993 190	2	.880	
		43		44			1		43
121	9.244 840		9.251 651		0.748 349	9.993 189	2	879	
122	9.244 882	42	9.251 695	44	0.748 305	9.993 187	1	878	
123	9.244 925	43	9.251 739	44	0.748 261	9.993 186	2	877	
		42		44			1		
124	9.244 967		9.251 783		0.748 217	9.993 185	2	876	
125	9.245 010	43	9.251 826	43	0.748 174	9.993 183	1	875	
126	9.245 052	42	9.251 870	44	0.748 130	9.993 182	2	874	
		43		44			1		
127	9.245 095		9.251 914		0.748 086	9.993 181	2	873	
128	9.245 137	42	9.251 958	44	0.748 042	9.993 179	1	872	
129	9.245 179	42	9.252 002	44	0.747 998	9.993 178	2	871	
		43		43			1		
.130	9.245 222		9.252 045		0.747 955	9.993 177	2	.870	
		42		44			1		
131	9.245 264		9.252 089		0.747 911	9.993 175	2	869	
132	9.245 307	43	9.252 133	44	0.747 867	9.993 174	1	868	
133	9.245 349	42	9.252 177	44	0.747 823	9.993 172	2	867	
		43		43			1		
134	9.245 392		9.252 220		0.747 780	9.993 171	2	866	
135	9.245 434	42	9.252 264	44	0.747 736	9.993 170	1	865	
136	9.245 476	42	9.252 308	44	0.747 692	9.993 168	2	864	
		43		44			1		42
137	9.245 519		9.252 352		0.747 648	9.993 167	2	863	
138	9.245 561	42	9.252 395	43	0.747 605	9.993 166	1	862	
139	9.245 604	43	9.252 439	44	0.747 561	9.993 164	2	861	
		42		44			1		
.140	9.245 646		9.252 483		0.747 517	9.993 163	2	.860	
		42		44			1		
141	9.245 688		9.252 527		0.747 473	9.993 162	2	859	
142	9.245 731	43	9.252 570	43	0.747 430	9.993 160	1	858	
143	9.245 773	42	9.252 614	44	0.747 386	9.993 159	2	857	
		42		44			1		
144	9.245 815		9.252 658		0.747 342	9.993 158	2	856	
145	9.245 858	43	9.252 702	44	0.747 298	9.993 156	1	855	
146	9.245 900	42	9.252 745	43	0.747 255	9.993 155	2	854	
		42		44			1		
147	9.245 942		9.252 789		0.747 211	9.993 154	2	853	
148	9.245 985	43	9.252 833	44	0.747 167	9.993 152	1	852	
149	9.246 027	42	9.252 876	43	0.747 124	9.993 151	2	851	
		42		44			1		
.150	9.246 069		9.252 920		0.747 080	9.993 149	2	.850	
		42		44			1		
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.900 - 79^{\circ}.850$

$10^{\circ}.150 - 10^{\circ}.200$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.246 069		9.252 920		0.747 080	9.993 149		.850	
151	9.246 112	43	9.252 964	44	0.747 036	9.993 148	1	849	
152	9.246 154	42	9.253 007	43	0.746 993	9.993 147	1	848	
153	9.246 196	42	9.253 051	44	0.746 949	9.993 145	2	847	
154	9.246 239	43	9.253 095	44	0.746 905	9.993 144	1	846	
155	9.246 281	42	9.253 138	43	0.746 862	9.993 143	1	845	
156	9.246 323	42	9.253 182	44	0.746 818	9.993 141	2	844	
157	9.246 366	43	9.253 226	44	0.746 774	9.993 140	1	843	44
158	9.246 408	42	9.253 269	43	0.746 731	9.993 139	1	842	1 4.4
159	9.246 450	42	9.253 313	44	0.746 687	9.993 137	2	841	2 8.8
.160	9.246 493	43	9.253 357	44	0.746 643	9.993 136	1	.840	3 13.2
161	9.246 535	42	9.253 400	43	0.746 600	9.993 135	1	839	4 17.6
162	9.246 577	42	9.253 444	44	0.746 556	9.993 133	2	838	5 22.0
163	9.246 620	43	9.253 488	44	0.746 512	9.993 132	1	837	6 26.4
164	9.246 662	42	9.253 531	43	0.746 469	9.993 130	2	836	7 30.8
165	9.246 704	42	9.253 575	44	0.746 425	9.993 129	1	835	8 35.2
166	9.246 746	42	9.253 619	44	0.746 381	9.993 128	1	834	9 39.6
167	9.246 789	43	9.253 662	43	0.746 338	9.993 126	2	833	
168	9.246 831	42	9.253 706	44	0.746 294	9.993 125	1	832	
169	9.246 873	42	9.253 750	44	0.746 250	9.993 124	1	831	
.170	9.246 915	42	9.253 793	43	0.746 207	9.993 122	2	.830	
171	9.246 958	43	9.253 837	44	0.746 163	9.993 121	1	829	43
172	9.247 000	42	9.253 880	43	0.746 120	9.993 120	1	828	1 4.3
173	9.247 042	42	9.253 924	44	0.746 076	9.993 118	2	827	2 8.6
174	9.247 084	42	9.253 968	44	0.746 032	9.993 117	1	826	3 12.9
175	9.247 127	43	9.254 011	43	0.745 989	9.993 115	2	825	4 17.2
176	9.247 169	42	9.254 055	44	0.745 945	9.993 114	1	824	5 21.5
177	9.247 211	42	9.254 098	43	0.745 902	9.993 113	1	823	6 25.8
178	9.247 253	42	9.254 142	44	0.745 858	9.993 111	2	822	7 30.1
179	9.247 296	43	9.254 186	44	0.745 814	9.993 110	1	821	8 34.4
.180	9.247 338	42	9.254 229	43	0.745 771	9.993 109	1	.820	9 38.7
181	9.247 380	42	9.254 273	44	0.745 727	9.993 107	2	819	
182	9.247 422	42	9.254 316	43	0.745 684	9.993 106	1	818	
183	9.247 464	42	9.254 360	44	0.745 640	9.993 105	1	817	
184	9.247 507	43	9.254 403	43	0.745 597	9.993 103	2	816	
185	9.247 549	42	9.254 447	44	0.745 553	9.993 102	1	815	
186	9.247 591	42	9.254 490	43	0.745 510	9.993 101	1	814	42
187	9.247 633	42	9.254 534	44	0.745 466	9.993 099	2	813	1 4.2
188	9.247 675	42	9.254 578	44	0.745 422	9.993 098	1	812	2 8.4
189	9.247 717	42	9.254 621	43	0.745 379	9.993 096	2	811	3 12.6
.190	9.247 760	43	9.254 665	44	0.745 335	9.993 095	1	.810	4 16.8
191	9.247 802	42	9.254 708	43	0.745 292	9.993 094	1	809	5 21.0
192	9.247 844	42	9.254 752	44	0.745 248	9.993 092	2	808	6 25.2
193	9.247 886	42	9.254 795	43	0.745 205	9.993 091	1	807	7 29.4
194	9.247 928	42	9.254 839	44	0.745 161	9.993 090	1	806	8 33.6
195	9.247 970	42	9.254 882	43	0.745 118	9.993 088	2	805	9 37.8
196	9.248 013	43	9.254 926	44	0.745 074	9.993 087	1	804	
197	9.248 055	42	9.254 969	43	0.745 031	9.993 086	1	803	
198	9.248 097	42	9.255 013	44	0.744 987	9.993 084	2	802	
199	9.248 139	42	9.255 056	43	0.744 944	9.993 083	1	801	
.200	9.248 181	42	9.255 100	44	0.744 900	9.993 081	2	.800	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.850 - 79^{\circ}.800$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.200 - 10^{\circ}.250$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.248 181		9.255 100		0.744 900	9.993 081		.800	
201	9.248 223	42	9.255 143	43	0.744 857	9.993 080	1	799	
202	9.248 265	42	9.255 187	44	0.744 813	9.993 079	1	798	
203	9.248 308	43	9.255 230	43	0.744 770	9.993 077	2	797	
		42		44			1		44
204	9.248 350	42	9.255 274	44	0.744 726	9.993 076	1	796	
205	9.248 392	42	9.255 317	43	0.744 683	9.993 075	1	795	1 4.4
206	9.248 434	42	9.255 361	44	0.744 639	9.993 073	2	794	2 8.8
		42		43			1		3 13.2
207	9.248 476	42	9.255 404	43	0.744 596	9.993 072	1	793	4 17.6
208	9.248 518	42	9.255 448	44	0.744 552	9.993 071	1	792	5 22.0
209	9.248 560	42	9.255 491	43	0.744 509	9.993 069	2	791	6 26.4
		42		43			1		7 30.8
.210	9.248 602	42	9.255 534	44	0.744 466	9.993 068	2	.790	8 35.2
		42		43			1		9 39.6
211	9.248 644	42	9.255 578	43	0.744 422	9.993 066	1	789	
212	9.248 686	42	9.255 621	43	0.744 379	9.993 065	1	788	
213	9.248 728	42	9.255 665	44	0.744 335	9.993 064	1	787	
		43		43			2		
214	9.248 771	42	9.255 708	44	0.744 292	9.993 062	1	786	
215	9.248 813	42	9.255 752	44	0.744 248	9.993 061	1	785	
216	9.248 855	42	9.255 795	43	0.744 205	9.993 060	1	784	43
		42		43			2		1 4.3
217	9.248 897	42	9.255 838	44	0.744 162	9.993 058	1	783	2 8.6
218	9.248 939	42	9.255 882	44	0.744 118	9.993 057	1	782	3 12.9
219	9.248 981	42	9.255 925	43	0.744 075	9.993 055	2	781	4 17.2
		42		44			1		5 21.5
.220	9.249 023	42	9.255 969	43	0.744 031	9.993 054	1	.780	6 25.8
		42		44			1		7 30.1
221	9.249 065	42	9.256 012	44	0.743 988	9.993 053	2	779	8 34.4
222	9.249 107	42	9.256 056	43	0.743 944	9.993 051	1	778	9 38.7
223	9.249 149	42	9.256 099	43	0.743 901	9.993 050	1	777	
		42		43			1		
224	9.249 191	42	9.256 142	44	0.743 858	9.993 049	2	776	
225	9.249 233	42	9.256 186	44	0.743 814	9.993 047	1	775	
226	9.249 275	42	9.256 229	43	0.743 771	9.993 046	1	774	
		42		43			1		
227	9.249 317	42	9.256 272	44	0.743 728	9.993 045	2	773	42
228	9.249 359	42	9.256 316	44	0.743 684	9.993 043	1	772	1 4.2
229	9.249 401	42	9.256 359	43	0.743 641	9.993 042	1	771	2 8.4
		42		44			2		3 12.6
.230	9.249 443	42	9.256 403	43	0.743 597	9.993 040	1	.770	4 16.8
		42		43			1		5 21.0
231	9.249 485	42	9.256 446	43	0.743 554	9.993 039	1	769	6 25.2
232	9.249 527	42	9.256 489	43	0.743 511	9.993 038	2	768	7 29.4
233	9.249 569	42	9.256 533	44	0.743 467	9.993 036	1	767	8 33.6
		42		43			1		9 37.8
234	9.249 611	42	9.256 576	43	0.743 424	9.993 035	1	766	
235	9.249 653	42	9.256 619	43	0.743 381	9.993 034	2	765	
236	9.249 695	42	9.256 663	44	0.743 337	9.993 032	1	764	
		42		43			1		
237	9.249 737	42	9.256 706	43	0.743 294	9.993 031	2	763	
238	9.249 779	42	9.256 749	43	0.743 251	9.993 029	1	762	
239	9.249 821	42	9.256 793	44	0.743 207	9.993 028	1	761	
		42		43			1		41
.240	9.249 863	42	9.256 836	43	0.743 164	9.993 027	2	.760	1 4.1
		42		43			1		2 8.2
241	9.249 905	42	9.256 879	44	0.743 121	9.993 025	1	759	3 12.3
242	9.249 947	42	9.256 923	44	0.743 077	9.993 024	1	758	4 16.4
243	9.249 989	42	9.256 966	43	0.743 034	9.993 023	1	757	5 20.5
		42		43			2		6 24.6
244	9.250 031	42	9.257 009	44	0.742 991	9.993 021	1	756	7 28.7
245	9.250 073	42	9.257 053	44	0.742 947	9.993 020	1	755	8 32.8
246	9.250 115	42	9.257 096	43	0.742 904	9.993 019	1	754	9 36.9
		41		43			2		
247	9.250 156	42	9.257 139	44	0.742 861	9.993 017	1	753	
248	9.250 198	42	9.257 183	44	0.742 817	9.993 016	1	752	
249	9.250 240	42	9.257 226	43	0.742 774	9.993 014	2	751	
		42		43			1		
.250	9.250 282	42	9.257 269	43	0.742 731	9.993 013	1	.750	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.800 - 79^{\circ}.750$

$10^{\circ}.250 - 10^{\circ}.300$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.250 282		9.257 269		0.742 731	9.993 013		.750	
251	9.250 324	42	9.257 312	43	0.742 688	9.993 012	1	749	
252	9.250 366	42	9.257 356	44	0.742 644	9.993 010	2	748	
253	9.250 408	42	9.257 399	43	0.742 601	9.993 009	1	747	
		42		43			1		44
254	9.250 450	42	9.257 442	43	0.742 558	9.993 008	2	746	
255	9.250 492	42	9.257 486	44	0.742 514	9.993 006	1	745	1 4.4
256	9.250 534	42	9.257 529	43	0.742 471	9.993 005	2	744	2 8.8
		42		43			2		3 13.2
257	9.250 576	41	9.257 572	43	0.742 428	9.993 003	1	743	4 17.6
258	9.250 617	42	9.257 615	43	0.742 385	9.993 002	1	742	5 22.0
259	9.250 659	42	9.257 659	44	0.742 341	9.993 001	2	741	6 26.4
		42		43			1		7 30.8
.260	9.250 701	42	9.257 702	43	0.742 298	9.992 999	2	.740	8 35.2
		42		43			1		9 39.6
261	9.250 743	42	9.257 745	43	0.742 255	9.992 998	1	739	
262	9.250 785	42	9.257 788	43	0.742 212	9.992 997	2	738	
263	9.250 827	42	9.257 832	44	0.742 168	9.992 995	1	737	
		42		43			2		
264	9.250 869	42	9.257 875	43	0.742 125	9.992 994	1	736	
265	9.250 911	42	9.257 918	43	0.742 082	9.992 992	2	735	
266	9.250 952	41	9.257 961	43	0.742 039	9.992 991	1	734	43
		42		43			1		1 4.3
267	9.250 994	42	9.258 004	43	0.741 996	9.992 990	2	733	2 8.6
268	9.251 036	42	9.258 048	44	0.741 952	9.992 988	1	732	3 12.9
269	9.251 078	42	9.258 091	43	0.741 909	9.992 987	2	731	4 17.2
		42		43			1		5 21.5
.270	9.251 120	42	9.258 134	43	0.741 866	9.992 986	2	.730	6 25.8
		42		43			1		7 30.1
271	9.251 162	41	9.258 177	44	0.741 823	9.992 984	2	729	8 34.4
272	9.251 203	42	9.258 221	43	0.741 779	9.992 983	1	728	9 38.7
273	9.251 245	42	9.258 264	43	0.741 736	9.992 981	2	727	
		42		43			1		
274	9.251 287	42	9.258 307	43	0.741 693	9.992 980	1	726	
275	9.251 329	42	9.258 350	43	0.741 650	9.992 979	2	725	
276	9.251 371	42	9.258 393	43	0.741 607	9.992 977	1	724	
		41		43			2		
277	9.251 412	42	9.258 436	43	0.741 564	9.992 976	1	723	42
278	9.251 454	42	9.258 480	44	0.741 520	9.992 975	2	722	
279	9.251 496	42	9.258 523	43	0.741 477	9.992 973	1	721	1 4.2
		42		43			2		2 8.4
.280	9.251 538	42	9.258 566	43	0.741 434	9.992 972	1	.720	3 12.6
		42		43			2		4 16.8
281	9.251 580	41	9.258 609	43	0.741 391	9.992 971	1	719	5 21.0
282	9.251 621	42	9.258 652	43	0.741 348	9.992 969	2	718	6 25.2
283	9.251 663	42	9.258 695	43	0.741 305	9.992 968	1	717	7 29.4
		42		44			2		8 33.6
284	9.251 705	42	9.258 739	43	0.741 261	9.992 966	1	716	9 37.8
285	9.251 747	42	9.258 782	43	0.741 218	9.992 965	2	715	
286	9.251 789	42	9.258 825	43	0.741 175	9.992 964	1	714	
		41		43			2		
287	9.251 830	42	9.258 868	43	0.741 132	9.992 962	1	713	
288	9.251 872	42	9.258 911	43	0.741 089	9.992 961	2	712	
289	9.251 914	42	9.258 954	43	0.741 046	9.992 960	1	711	
		42		43			2		41
.290	9.251 956	41	9.258 997	44	0.741 003	9.992 958	1	.710	1 4.1
		42		43			2		2 8.2
291	9.251 997	42	9.259 041	43	0.740 959	9.992 957	1	709	3 12.3
292	9.252 039	42	9.259 084	43	0.740 916	9.992 955	2	708	4 16.4
293	9.252 081	42	9.259 127	43	0.740 873	9.992 954	1	707	5 20.5
		42		43			2		6 24.6
294	9.252 123	41	9.259 170	43	0.740 830	9.992 953	1	706	7 28.7
295	9.252 164	42	9.259 213	43	0.740 787	9.992 951	2	705	8 32.8
296	9.252 206	42	9.259 256	43	0.740 744	9.992 950	1	704	9 36.9
		42		43			2		
297	9.252 248	41	9.259 299	43	0.740 701	9.992 948	1	703	
298	9.252 289	42	9.259 342	43	0.740 658	9.992 947	2	702	
299	9.252 331	42	9.259 385	43	0.740 615	9.992 946	1	701	
		42		44			2		
.300	9.252 373		9.259 429		0.740 571	9.992 944		.700	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.750 - 79^{\circ}.700$

$10^{\circ}.300 - 10^{\circ}.350$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.252 373		9.259 429		0.740 571	9.992 944		.700	
301	9.252 415	42	9.259 472	43	0.740 528	9.992 943	1	699	
302	9.252 456	41	9.259 515	43	0.740 485	9.992 942	1	698	
303	9.252 498	42	9.259 558	43	0.740 442	9.992 940	2	697	
304	9.252 540	42	9.259 601	43	0.740 399	9.992 939	1	696	
305	9.252 581	41	9.259 644	43	0.740 356	9.992 937	2	695	
306	9.252 623	42	9.259 687	43	0.740 313	9.992 936	1	694	
307	9.252 665	42	9.259 730	43	0.740 270	9.992 935	1	693	43
308	9.252 706	41	9.259 773	43	0.740 227	9.992 933	2	692	1 4.3
309	9.252 748	42	9.259 816	43	0.740 184	9.992 932	1	691	2 8.6
.310	9.252 790	42	9.259 859	43	0.740 141	9.992 931	1	.690	3 12.9
311	9.252 831	41	9.259 902	43	0.740 098	9.992 929	2	689	4 17.2
312	9.252 873	42	9.259 945	43	0.740 055	9.992 928	1	688	5 21.5
313	9.252 915	42	9.259 988	43	0.740 012	9.992 926	2	687	6 25.8
314	9.252 956	41	9.260 031	43	0.739 969	9.992 925	1	686	7 30.1
315	9.252 998	42	9.260 074	43	0.739 926	9.992 924	1	685	8 34.4
316	9.253 040	42	9.260 117	43	0.739 883	9.992 922	2	684	9 38.7
317	9.253 081	41	9.260 160	43	0.739 840	9.992 921	1	683	
318	9.253 123	42	9.260 203	43	0.739 797	9.992 920	1	682	
319	9.253 165	42	9.260 246	43	0.739 754	9.992 918	2	681	
.320	9.253 206	41	9.260 289	43	0.739 711	9.992 917	1	.680	
321	9.253 248	42	9.260 332	43	0.739 668	9.992 915	2	679	42
322	9.253 289	41	9.260 375	43	0.739 625	9.992 914	1	678	1 4.2
323	9.253 331	42	9.260 418	43	0.739 582	9.992 913	1	677	2 8.4
324	9.253 373	42	9.260 461	43	0.739 539	9.992 911	2	676	3 12.6
325	9.253 414	41	9.260 504	43	0.739 496	9.992 910	1	675	4 16.8
326	9.253 456	42	9.260 547	43	0.739 453	9.992 908	2	674	5 21.0
327	9.253 498	42	9.260 590	43	0.739 410	9.992 907	1	673	6 25.2
328	9.253 539	41	9.260 633	43	0.739 367	9.992 906	1	672	7 29.4
329	9.253 581	42	9.260 676	43	0.739 324	9.992 904	2	671	8 33.6
.330	9.253 622	41	9.260 719	43	0.739 281	9.992 903	1	.670	9 37.8
331	9.253 664	42	9.260 762	43	0.739 238	9.992 902	1	669	
332	9.253 705	41	9.260 805	43	0.739 195	9.992 900	2	668	
333	9.253 747	42	9.260 848	43	0.739 152	9.992 899	1	667	
334	9.253 789	42	9.260 891	43	0.739 109	9.992 897	2	666	
335	9.253 830	41	9.260 934	43	0.739 066	9.992 896	1	665	
336	9.253 872	42	9.260 977	43	0.739 023	9.992 895	1	664	41
337	9.253 913	41	9.261 020	43	0.738 980	9.992 893	2	663	1 4.1
338	9.253 955	42	9.261 063	43	0.738 937	9.992 892	1	662	2 8.2
339	9.253 996	41	9.261 106	43	0.738 894	9.992 891	1	661	3 12.3
.340	9.254 038	42	9.261 149	43	0.738 851	9.992 889	2	.660	4 16.4
341	9.254 080	42	9.261 192	43	0.738 808	9.992 888	1	659	5 20.5
342	9.254 121	41	9.261 235	43	0.738 765	9.992 886	2	658	6 24.6
343	9.254 163	42	9.261 278	43	0.738 722	9.992 885	1	657	7 28.7
344	9.254 204	41	9.261 320	42	0.738 680	9.992 884	1	656	8 32.8
345	9.254 246	42	9.261 363	43	0.738 637	9.992 882	2	655	9 36.9
346	9.254 287	41	9.261 406	43	0.738 594	9.992 881	1	654	
347	9.254 329	42	9.261 449	43	0.738 551	9.992 879	2	653	
348	9.254 370	41	9.261 492	43	0.738 508	9.992 878	1	652	
349	9.254 412	42	9.261 535	43	0.738 465	9.992 877	1	651	
.350	9.254 453	41	9.261 578	43	0.738 422	9.992 875	2	.650	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.700 - 79^{\circ}.650$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.350 - 10^{\circ}.400$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.254 453		9.261 578		0.738 422	9.992 875		.650	
351	9.254 495	42	9.261 621	43	0.738 379	9.992 874	1	649	
352	9.254 536	41	9.261 664	43	0.738 336	9.992 873	1	648	
353	9.254 578	42	9.261 707	43	0.738 293	9.992 871	2	647	
		41		42			1		
354	9.254 619		9.261 749		0.738 251	9.992 870	1	646	
355	9.254 661	42	9.261 792	43	0.738 208	9.992 868	2	645	
356	9.254 702	41	9.261 835	43	0.738 165	9.992 867	1	644	
		42		43			1		
357	9.254 744		9.261 878		0.738 122	9.992 866	1	643	
358	9.254 785	41	9.261 921	43	0.738 079	9.992 864	2	642	
359	9.254 827	42	9.261 964	43	0.738 036	9.992 863	1	641	
		41		43			2		
.360	9.254 868		9.262 007		0.737 993	9.992 861		.640	
		41		42			1		
361	9.254 909		9.262 049		0.737 951	9.992 860	1	639	
362	9.254 951	42	9.262 092	43	0.737 908	9.992 859	1	638	
363	9.254 992	41	9.262 135	43	0.737 865	9.992 857	2	637	
		42		43			1		
364	9.255 034		9.262 178		0.737 822	9.992 856	1	636	
365	9.255 075	41	9.262 221	43	0.737 779	9.992 855	1	635	
366	9.255 117	42	9.262 264	43	0.737 736	9.992 853	2	634	
		41		42			1		
367	9.255 158		9.262 306		0.737 694	9.992 852	1	633	
368	9.255 200	42	9.262 349	43	0.737 651	9.992 850	2	632	
369	9.255 241	41	9.262 392	43	0.737 608	9.992 849	1	631	
		41		43			1		
.370	9.255 282		9.262 435		0.737 565	9.992 848		.630	
		42		43			2		
371	9.255 324		9.262 478		0.737 522	9.992 846	1	629	
372	9.255 365	41	9.262 520	42	0.737 480	9.992 845	1	628	
373	9.255 407	42	9.262 563	43	0.737 437	9.992 843	2	627	
		41		43			1		
374	9.255 448		9.262 606		0.737 394	9.992 842	1	626	
375	9.255 490	42	9.262 649	43	0.737 351	9.992 841	1	625	
376	9.255 531	41	9.262 692	43	0.737 308	9.992 839	2	624	
		41		42			1		
377	9.255 572		9.262 734		0.737 266	9.992 838	1	623	
378	9.255 614	42	9.262 777	43	0.737 223	9.992 836	2	622	
379	9.255 655	41	9.262 820	43	0.737 180	9.992 835	1	621	
		41		43			1		
.380	9.255 696		9.262 863		0.737 137	9.992 834		.620	
		42		43			2		
381	9.255 738		9.262 906		0.737 094	9.992 832	1	619	
382	9.255 779	41	9.262 948	42	0.737 052	9.992 831	1	618	
383	9.255 821	42	9.262 991	43	0.737 009	9.992 830	1	617	
		41		43			2		
384	9.255 862		9.263 034		0.736 966	9.992 828	1	616	
385	9.255 903	41	9.263 077	43	0.736 923	9.992 827	1	615	
386	9.255 945	42	9.263 119	42	0.736 881	9.992 825	2	614	
		41		43			1		
387	9.255 986		9.263 162		0.736 838	9.992 824	1	613	
388	9.256 027	41	9.263 205	43	0.736 795	9.992 823	1	612	
389	9.256 069	42	9.263 248	43	0.736 752	9.992 821	2	611	
		41		42			1		
.390	9.256 110		9.263 290		0.736 710	9.992 820		.610	
		41		43			2		
391	9.256 151		9.263 333		0.736 667	9.992 818	1	609	
392	9.256 193	42	9.263 376	43	0.736 624	9.992 817	1	608	
393	9.256 234	41	9.263 418	42	0.736 582	9.992 816	1	607	
		41		43			2		
394	9.256 275		9.263 461		0.736 539	9.992 814	1	606	
395	9.256 317	42	9.263 504	43	0.736 496	9.992 813	1	605	
396	9.256 358	41	9.263 547	43	0.736 453	9.992 811	2	604	
		41		42			1		
397	9.256 399		9.263 589		0.736 411	9.992 810	1	603	
398	9.256 441	42	9.263 632	43	0.736 368	9.992 809	1	602	
399	9.256 482	41	9.263 675	43	0.736 325	9.992 807	2	601	
		41		42			1		
.400	9.256 523		9.263 717		0.736 283	9.992 806		.600	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.650 - 79^{\circ}.600$

10°.400 — 10°.450

10°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.256 523		9.263 717		0.736 283	9.992 806		.600	
401	9.256 565	42	9.263 760	43	0.736 240	9.992 805	1	599	
402	9.256 606	41	9.263 803	43	0.736 197	9.992 803	2	598	
403	9.256 647	41	9.263 845	42	0.736 155	9.992 802	1	597	
404	9.256 688	41	9.263 888	43	0.736 112	9.992 800	2	596	
405	9.256 730	42	9.263 931	43	0.736 069	9.992 799	1	595	
406	9.256 771	41	9.263 973	42	0.736 027	9.992 798	1	594	
407	9.256 812	41	9.264 016	43	0.735 984	9.992 796	2	593	43
408	9.256 854	42	9.264 059	43	0.735 941	9.992 795	1	592	1 4.3
409	9.256 895	41	9.264 101	42	0.735 899	9.992 793	2	591	2 8.6
.410	9.256 936	41	9.264 144	43	0.735 856	9.992 792	1	.590	3 12.9
411	9.256 977	41	9.264 187	43	0.735 813	9.992 791	1	589	4 17.2
412	9.257 019	42	9.264 229	42	0.735 771	9.992 789	2	588	5 21.5
413	9.257 060	41	9.264 272	43	0.735 728	9.992 788	1	587	6 25.8
414	9.257 101	41	9.264 315	43	0.735 685	9.992 786	2	586	7 30.1
415	9.257 142	41	9.264 357	42	0.735 643	9.992 785	1	585	8 34.4
416	9.257 184	42	9.264 400	43	0.735 600	9.992 784	1	584	9 38.7
417	9.257 225	41	9.264 443	43	0.735 557	9.992 782	2	583	
418	9.257 266	41	9.264 485	42	0.735 515	9.992 781	1	582	
419	9.257 307	41	9.264 528	43	0.735 472	9.992 779	2	581	
.420	9.257 348	41	9.264 570	42	0.735 430	9.992 778	1	.580	
421	9.257 390	42	9.264 613	43	0.735 387	9.992 777	1	579	42
422	9.257 431	41	9.264 656	43	0.735 344	9.992 775	2	578	1 4.2
423	9.257 472	41	9.264 698	42	0.735 302	9.992 774	1	577	2 8.4
424	9.257 513	41	9.264 741	43	0.735 259	9.992 772	2	576	3 12.6
425	9.257 554	41	9.264 783	42	0.735 217	9.992 771	1	575	4 16.8
426	9.257 596	42	9.264 826	43	0.735 174	9.992 770	1	574	5 21.0
427	9.257 637	41	9.264 869	43	0.735 131	9.992 768	2	573	6 25.2
428	9.257 678	41	9.264 911	42	0.735 089	9.992 767	1	572	7 29.4
429	9.257 719	41	9.264 954	43	0.735 046	9.992 766	1	571	8 33.6
.430	9.257 760	41	9.264 996	42	0.735 004	9.992 764	2	.570	9 37.8
431	9.257 802	42	9.265 039	43	0.734 961	9.992 763	1	569	
432	9.257 843	41	9.265 081	42	0.734 919	9.992 761	2	568	
433	9.257 884	41	9.265 124	43	0.734 876	9.992 760	1	567	
434	9.257 925	41	9.265 167	43	0.734 833	9.992 759	1	566	
435	9.257 966	41	9.265 209	42	0.734 791	9.992 757	2	565	
436	9.258 007	41	9.265 252	43	0.734 748	9.992 756	1	564	
437	9.258 049	42	9.265 294	42	0.734 706	9.992 754	2	563	41
438	9.258 090	41	9.265 337	43	0.734 663	9.992 753	1	562	1 4.1
439	9.258 131	41	9.265 379	42	0.734 621	9.992 752	1	561	2 8.2
.440	9.258 172	41	9.265 422	43	0.734 578	9.992 750	2	.560	3 12.3
441	9.258 213	41	9.265 464	42	0.734 536	9.992 749	1	559	4 16.4
442	9.258 254	41	9.265 507	43	0.734 493	9.992 747	2	558	5 20.5
443	9.258 295	41	9.265 549	42	0.734 451	9.992 746	1	557	6 24.6
444	9.258 337	42	9.265 592	43	0.734 408	9.992 745	1	556	7 28.7
445	9.258 378	41	9.265 634	42	0.734 366	9.992 743	2	555	8 32.8
446	9.258 419	41	9.265 677	43	0.734 323	9.992 742	1	554	9 36.9
447	9.258 460	41	9.265 719	42	0.734 281	9.992 740	2	553	
448	9.258 501	41	9.265 762	43	0.734 238	9.992 739	1	552	
449	9.258 542	41	9.265 804	42	0.734 196	9.992 738	1	551	
.450	9.258 583	41	9.265 847	43	0.734 153	9.992 736	2	.550	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

79°.600 — 79°.550

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.450 - 10^{\circ}.500$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.258 583		9.265 847		0.734 153	9.992 736		.550	
451	9.258 624	41	9.265 889	42	0.734 111	9.992 735	1	549	
452	9.258 665	41	9.265 932	43	0.734 068	9.992 733	2	548	
453	9.258 706	41	9.265 974	42	0.734 026	9.992 732	1	547	
		42		43			1		43
454	9.258 748	41	9.266 017	42	0.733 983	9.992 731	2	546	1 4.3
455	9.258 789	41	9.266 059	43	0.733 941	9.992 729	1	545	2 8.6
456	9.258 830	41	9.266 102	42	0.733 898	9.992 728	2	544	3 12.9
		41		43			1	543	4 17.2
457	9.258 871	41	9.266 144	42	0.733 856	9.992 726	1	542	5 21.5
458	9.258 912	41	9.266 187	43	0.733 813	9.992 725	1	541	6 25.8
459	9.258 953	41	9.266 229	42	0.733 771	9.992 724	2		7 30.1
.460	9.258 994	41	9.266 272	43	0.733 728	9.992 722	1	.540	8 34.4
		41		42			2		9 38.7
461	9.259 035	41	9.266 314	43	0.733 686	9.992 721	1	539	
462	9.259 076	41	9.266 357	42	0.733 643	9.992 719	2	538	
463	9.259 117	41	9.266 399	43	0.733 601	9.992 718	1	537	
		41		42			1		
464	9.259 158	41	9.266 442	43	0.733 558	9.992 717	2	536	
465	9.259 199	41	9.266 484	42	0.733 516	9.992 715	1	535	
466	9.259 240	41	9.266 526	43	0.733 474	9.992 714	2	534	42
		41		42			1		1 4.2
467	9.259 281	41	9.266 569	43	0.733 431	9.992 712	2	533	2 8.4
468	9.259 322	41	9.266 611	42	0.733 389	9.992 711	1	532	3 12.6
469	9.259 363	41	9.266 654	43	0.733 346	9.992 710	1	531	4 16.8
		41		42			2		5 21.0
.470	9.259 404	41	9.266 696	43	0.733 304	9.992 708	1	.530	6 25.2
		41		42			2		7 29.4
471	9.259 445	41	9.266 739	43	0.733 261	9.992 707	1	529	8 33.6
472	9.259 486	41	9.266 781	42	0.733 219	9.992 705	2	528	9 37.8
473	9.259 527	41	9.266 823	43	0.733 177	9.992 704	1	527	
		41		42			1		
474	9.259 568	41	9.266 866	43	0.733 134	9.992 703	2	526	
475	9.259 609	41	9.266 908	42	0.733 092	9.992 701	1	525	
476	9.259 650	41	9.266 951	43	0.733 049	9.992 700	2	524	
		41		42			1		
477	9.259 691	41	9.266 993	43	0.733 007	9.992 698	2	523	41
478	9.259 732	41	9.267 035	42	0.732 965	9.992 697	1	522	1 4.1
479	9.259 773	41	9.267 078	43	0.732 922	9.992 696	2	521	2 8.2
		41		42			1		3 12.3
.480	9.259 814	41	9.267 120	43	0.732 880	9.992 694	2	.520	4 16.4
		41		42			1		5 20.5
481	9.259 855	41	9.267 162	43	0.732 838	9.992 693	2	519	6 24.6
482	9.259 896	41	9.267 205	42	0.732 795	9.992 691	1	518	7 28.7
483	9.259 937	41	9.267 247	43	0.732 753	9.992 690	2	517	8 32.8
		41		42			1		9 36.9
484	9.259 978	41	9.267 290	43	0.732 710	9.992 689	2	516	
485	9.260 019	41	9.267 332	42	0.732 668	9.992 687	1	515	
486	9.260 060	41	9.267 374	43	0.732 626	9.992 686	2	514	
		41		42			1		
487	9.260 101	41	9.267 417	43	0.732 583	9.992 684	2	513	
488	9.260 142	41	9.267 459	42	0.732 541	9.992 683	1	512	
489	9.260 183	41	9.267 501	43	0.732 499	9.992 682	2	511	
		41		42			1		40
.490	9.260 224	41	9.267 544	43	0.732 456	9.992 680	2	.510	1 4.0
		41		42			1		2 8.0
491	9.260 265	41	9.267 586	43	0.732 414	9.992 679	2	509	3 12.0
492	9.260 306	41	9.267 628	42	0.732 372	9.992 677	1	508	4 16.0
493	9.260 347	41	9.267 671	43	0.732 329	9.992 676	2	507	5 20.0
		41		42			1		6 24.0
494	9.260 388	41	9.267 713	43	0.732 287	9.992 675	2	506	7 28.0
495	9.260 429	41	9.267 755	42	0.732 245	9.992 673	1	505	8 32.0
496	9.260 469	40	9.267 798	43	0.732 202	9.992 672	2	504	9 36.0
		41		42			1		
497	9.260 510	41	9.267 840	43	0.732 160	9.992 670	2	503	
498	9.260 551	41	9.267 882	42	0.732 118	9.992 669	1	502	
499	9.260 592	41	9.267 925	43	0.732 075	9.992 668	2	501	
		41		42			1		
.500	9.260 633	41	9.267 967	43	0.732 033	9.992 666	2	.500	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.550 - 79^{\circ}.500$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.500 - 10^{\circ}.550$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.260 633		9.267 967		0.732 033	9.992 666		.500	
501	9.260 674	⁴¹	9.268 009	⁴²	0.731 991	9.992 665	¹	499	
502	9.260 715	⁴¹	9.268 052	⁴³	0.731 948	9.992 663	²	498	
503	9.260 756	⁴¹	9.268 094	⁴²	0.731 906	9.992 662	¹	497	
504	9.260 797	⁴¹	9.268 136	⁴²	0.731 864	9.992 661	¹	496	43
505	9.260 837	⁴⁰	9.268 178	⁴²	0.731 822	9.992 659	²	495	1 4.3
506	9.260 878	⁴¹	9.268 221	⁴³	0.731 779	9.992 658	¹	494	2 8.6
507	9.260 919	⁴¹	9.268 263	⁴²	0.731 737	9.992 656	²	493	3 12.9
508	9.260 960	⁴¹	9.268 305	⁴²	0.731 695	9.992 655	¹	492	4 17.2
509	9.261 001	⁴¹	9.268 347	⁴²	0.731 653	9.992 653	²	491	5 21.5
.510	9.261 042	⁴¹	9.268 390	⁴³	0.731 610	9.992 652	¹	.490	6 25.8
511	9.261 083	⁴¹	9.268 432	⁴²	0.731 568	9.992 651	¹	489	7 30.1
512	9.261 124	⁴¹	9.268 474	⁴²	0.731 526	9.992 649	²	488	8 34.4
513	9.261 164	⁴⁰	9.268 517	⁴³	0.731 483	9.992 648	¹	487	9 38.7
514	9.261 205	⁴¹	9.268 559	⁴²	0.731 441	9.992 646	²	486	
515	9.261 246	⁴¹	9.268 601	⁴²	0.731 399	9.992 645	¹	485	
516	9.261 287	⁴¹	9.268 643	⁴²	0.731 357	9.992 644	¹	484	42
517	9.261 328	⁴¹	9.268 686	⁴³	0.731 314	9.992 642	²	483	1 4.2
518	9.261 369	⁴¹	9.268 728	⁴²	0.731 272	9.992 641	¹	482	2 8.4
519	9.261 409	⁴⁰	9.268 770	⁴²	0.731 230	9.992 639	²	481	3 12.6
.520	9.261 450	⁴¹	9.268 812	⁴²	0.731 188	9.992 638	¹	.480	4 16.8
521	9.261 491	⁴¹	9.268 854	⁴²	0.731 146	9.992 637	¹	479	5 21.0
522	9.261 532	⁴¹	9.268 897	⁴³	0.731 103	9.992 635	²	478	6 25.2
523	9.261 573	⁴¹	9.268 939	⁴²	0.731 061	9.992 634	¹	477	7 29.4
524	9.261 613	⁴⁰	9.268 981	⁴²	0.731 019	9.992 632	²	476	8 33.6
525	9.261 654	⁴¹	9.269 023	⁴²	0.730 977	9.992 631	¹	475	9 37.8
526	9.261 695	⁴¹	9.269 065	⁴²	0.730 935	9.992 630	¹	474	
527	9.261 736	⁴¹	9.269 108	⁴³	0.730 892	9.992 628	²	473	
528	9.261 777	⁴¹	9.269 150	⁴²	0.730 850	9.992 627	¹	472	41
529	9.261 817	⁴⁰	9.269 192	⁴²	0.730 808	9.992 625	²	471	1 4.1
.530	9.261 858	⁴¹	9.269 234	⁴²	0.730 766	9.992 624	¹	.470	2 8.2
531	9.261 899	⁴¹	9.269 276	⁴²	0.730 724	9.992 623	¹	469	3 12.3
532	9.261 940	⁴¹	9.269 319	⁴³	0.730 681	9.992 621	²	468	4 16.4
533	9.261 980	⁴⁰	9.269 361	⁴²	0.730 639	9.992 620	¹	467	5 20.5
534	9.262 021	⁴¹	9.269 403	⁴²	0.730 597	9.992 618	²	466	6 24.6
535	9.262 062	⁴¹	9.269 445	⁴²	0.730 555	9.992 617	¹	465	7 28.7
536	9.262 103	⁴¹	9.269 487	⁴²	0.730 513	9.992 615	²	464	8 32.8
537	9.262 144	⁴¹	9.269 529	⁴²	0.730 471	9.992 614	¹	463	9 36.9
538	9.262 184	⁴⁰	9.269 572	⁴³	0.730 428	9.992 613	¹	462	
539	9.262 225	⁴¹	9.269 614	⁴²	0.730 386	9.992 611	²	461	
.540	9.262 266	⁴¹	9.269 656	⁴²	0.730 344	9.992 610	¹	.460	40
541	9.262 306	⁴⁰	9.269 698	⁴²	0.730 302	9.992 608	²	459	1 4.0
542	9.262 347	⁴¹	9.269 740	⁴²	0.730 260	9.992 607	¹	458	2 8.0
543	9.262 388	⁴¹	9.269 782	⁴²	0.730 218	9.992 606	¹	457	3 12.0
544	9.262 429	⁴¹	9.269 825	⁴³	0.730 175	9.992 604	²	456	4 16.0
545	9.262 469	⁴⁰	9.269 867	⁴²	0.730 133	9.992 603	¹	455	5 20.0
546	9.262 510	⁴¹	9.269 909	⁴²	0.730 091	9.992 601	²	454	6 24.0
547	9.262 551	⁴¹	9.269 951	⁴²	0.730 049	9.992 600	¹	453	7 28.0
548	9.262 592	⁴¹	9.269 993	⁴²	0.730 007	9.992 599	²	452	8 32.0
549	9.262 632	⁴⁰	9.270 035	⁴²	0.729 965	9.992 597	¹	451	9 36.0
.550	9.262 673	⁴¹	9.270 077	⁴²	0.729 923	9.992 596	¹	.450	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.500 - 79^{\circ}.450$

$10^{\circ}.550 - 10^{\circ}.600$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.262 673		9.270 077		0.729 923	9.992 596		.450	
551	9.262 714	41	9.270 119	42	0.729 881	9.992 594	2	449	
552	9.262 754	40	9.270 161	42	0.729 839	9.992 593	1	448	
553	9.262 795	41	9.270 204	43	0.729 796	9.992 591	2	447	
		41		42			1		43
554	9.262 836		9.270 246		0.729 754	9.992 590	1	446	
555	9.262 876	40	9.270 288	42	0.729 712	9.992 589	1	445	1 4.3
556	9.262 917	41	9.270 330	42	0.729 670	9.992 587	2	444	2 8.6
		41		42			1		3 12.9
557	9.262 958		9.270 372		0.729 628	9.992 586	2	443	4 17.2
558	9.262 998	40	9.270 414	42	0.729 586	9.992 584	1	442	5 21.5
559	9.263 039	41	9.270 456	42	0.729 544	9.992 583	2	441	6 25.8
		41		42			1		7 30.1
.560	9.263 080		9.270 498		0.729 502	9.992 582	2	.440	8 34.4
		40		42			1		9 38.7
561	9.263 120	41	9.270 540	42	0.729 460	9.992 580	2	439	
562	9.263 161	41	9.270 582	42	0.729 418	9.992 579	1	438	
563	9.263 202	41	9.270 624	42	0.729 376	9.992 577	2	437	
		40		42			1		
564	9.263 242		9.270 666		0.729 334	9.992 576	1	436	
565	9.263 283	41	9.270 708	42	0.729 292	9.992 575	1	435	
566	9.263 324	41	9.270 751	43	0.729 249	9.992 573	2	434	42
		40		42			1		1 4.2
567	9.263 364		9.270 793		0.729 207	9.992 572	2	433	2 8.4
568	9.263 405	41	9.270 835	42	0.729 165	9.992 570	1	432	3 12.6
569	9.263 446	41	9.270 877	42	0.729 123	9.992 569	2	431	4 16.8
		40		42			1		5 21.0
.570	9.263 486		9.270 919		0.729 081	9.992 567	2	.430	6 25.2
		41		42			1		7 29.4
571	9.263 527	40	9.270 961	42	0.729 039	9.992 566	2	429	8 33.6
572	9.263 567	41	9.271 003	42	0.728 997	9.992 565	1	428	9 37.8
573	9.263 608	41	9.271 045	42	0.728 955	9.992 563	2	427	
		41		42			1		
574	9.263 649		9.271 087		0.728 913	9.992 562	2	426	
575	9.263 689	40	9.271 129	42	0.728 871	9.992 560	1	425	
576	9.263 730	41	9.271 171	42	0.728 829	9.992 559	2	424	
		40		42			1		
577	9.263 770		9.271 213		0.728 787	9.992 558	2	423	41
578	9.263 811	41	9.271 255	42	0.728 745	9.992 556	1	422	1 4.1
579	9.263 852	41	9.271 297	42	0.728 703	9.992 555	2	421	2 8.2
		40		42			1		3 12.3
.580	9.263 892		9.271 339		0.728 661	9.992 553	2	.420	4 16.4
		41		42			1		5 20.5
581	9.263 933	40	9.271 381	42	0.728 619	9.992 552	2	419	6 24.6
582	9.263 973	41	9.271 423	42	0.728 577	9.992 550	1	418	7 28.7
583	9.264 014	41	9.271 465	42	0.728 535	9.992 549	2	417	8 32.8
		40		42			1		9 36.9
584	9.264 054		9.271 507		0.728 493	9.992 548	2	416	
585	9.264 095	41	9.271 549	42	0.728 451	9.992 546	1	415	
586	9.264 136	41	9.271 591	42	0.728 409	9.992 545	2	414	
		40		42			1		
587	9.264 176		9.271 633		0.728 367	9.992 543	2	413	
588	9.264 217	41	9.271 675	42	0.728 325	9.992 542	1	412	
589	9.264 257	40	9.271 717	42	0.728 283	9.992 541	2	411	40
		41		42			1		1 4.0
.590	9.264 298		9.271 759		0.728 241	9.992 539	2	.410	2 8.0
		40		42			1		3 12.0
591	9.264 338	41	9.271 801	42	0.728 199	9.992 538	2	409	4 16.0
592	9.264 379	40	9.271 843	42	0.728 157	9.992 536	1	408	5 20.0
593	9.264 419	40	9.271 884	41	0.728 116	9.992 535	2	407	6 24.0
		41		42			1		7 28.0
594	9.264 460		9.271 926		0.728 074	9.992 533	2	406	8 32.0
595	9.264 500	40	9.271 968	42	0.728 032	9.992 532	1	405	9 36.0
596	9.264 541	41	9.272 010	42	0.727 990	9.992 531	2	404	
		40		42			1		
597	9.264 581		9.272 052		0.727 948	9.992 529	2	403	
598	9.264 622	41	9.272 094	42	0.727 906	9.992 528	1	402	
599	9.264 662	40	9.272 136	42	0.727 864	9.992 526	2	401	
		41		42			1		
.600	9.264 703		9.272 178		0.727 822	9.992 525		.400	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.450 - 79^{\circ}.400$

10°.600 — 10°.650

10°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.264 703		9.272 178		0.727 822	9.992 525		.400	
601	9.264 743	40	9.272 220	42	0.727 780	9.992 524	1	399	
602	9.264 784	41	9.272 262	42	0.727 738	9.992 522	2	398	
603	9.264 824	40	9.272 304	42	0.727 696	9.992 521	1	397	
604	9.264 865	41	9.272 346	42	0.727 654	9.992 519	2	396	
605	9.264 905	40	9.272 388	42	0.727 612	9.992 518	1	395	
606	9.264 946	41	9.272 429	41	0.727 571	9.992 516	2	394	
607	9.264 986	40	9.272 471	42	0.727 529	9.992 515	1	393	
608	9.265 027	41	9.272 513	42	0.727 487	9.992 514	1	392	
609	9.265 067	40	9.272 555	42	0.727 445	9.992 512	2	391	
.610	9.265 108	41	9.272 597	42	0.727 403	9.992 511	1	.390	
611	9.265 148	40	9.272 639	42	0.727 361	9.992 509	2	389	
612	9.265 189	41	9.272 681	42	0.727 319	9.992 508	1	388	
613	9.265 229	40	9.272 723	42	0.727 277	9.992 507	1	387	
614	9.265 270	41	9.272 765	42	0.727 235	9.992 505	2	386	
615	9.265 310	40	9.272 806	41	0.727 194	9.992 504	1	385	
616	9.265 351	41	9.272 848	42	0.727 152	9.992 502	2	384	
617	9.265 391	40	9.272 890	42	0.727 110	9.992 501	1	383	
618	9.265 431	40	9.272 932	42	0.727 068	9.992 499	2	382	
619	9.265 472	41	9.272 974	42	0.727 026	9.992 498	1	381	
.620	9.265 512	40	9.273 016	42	0.726 984	9.992 497	1	.380	
621	9.265 553	41	9.273 058	42	0.726 942	9.992 495	2	379	
622	9.265 593	40	9.273 099	41	0.726 901	9.992 494	1	378	
623	9.265 634	41	9.273 141	42	0.726 859	9.992 492	2	377	
624	9.265 674	40	9.273 183	42	0.726 817	9.992 491	1	376	
625	9.265 714	40	9.273 225	42	0.726 775	9.992 489	2	375	
626	9.265 755	41	9.273 267	42	0.726 733	9.992 488	1	374	
627	9.265 795	40	9.273 309	42	0.726 691	9.992 487	1	373	
628	9.265 836	41	9.273 350	41	0.726 650	9.992 485	2	372	
629	9.265 876	40	9.273 392	42	0.726 608	9.992 484	1	371	
.630	9.265 916	40	9.273 434	42	0.726 566	9.992 482	2	.370	
631	9.265 957	41	9.273 476	42	0.726 524	9.992 481	1	369	
632	9.265 997	40	9.273 518	42	0.726 482	9.992 479	2	368	
633	9.266 037	40	9.273 559	41	0.726 441	9.992 478	1	367	
634	9.266 078	41	9.273 601	42	0.726 399	9.992 477	1	366	
635	9.266 118	40	9.273 643	42	0.726 357	9.992 475	2	365	
636	9.266 159	41	9.273 685	42	0.726 315	9.992 474	1	364	
637	9.266 199	40	9.273 727	42	0.726 273	9.992 472	2	363	
638	9.266 239	40	9.273 768	41	0.726 232	9.992 471	1	362	
639	9.266 280	41	9.273 810	42	0.726 190	9.992 470	1	361	
.640	9.266 320	40	9.273 852	42	0.726 148	9.992 468	2	.360	
641	9.266 360	40	9.273 894	42	0.726 106	9.992 467	1	359	
642	9.266 401	41	9.273 935	41	0.726 065	9.992 465	2	358	
643	9.266 441	40	9.273 977	42	0.726 023	9.992 464	1	357	
644	9.266 481	40	9.274 019	42	0.725 981	9.992 462	2	356	
645	9.266 522	41	9.274 061	42	0.725 939	9.992 461	1	355	
646	9.266 562	40	9.274 102	41	0.725 898	9.992 460	1	354	
647	9.266 602	40	9.274 144	42	0.725 856	9.992 458	2	353	
648	9.266 643	41	9.274 186	42	0.725 814	9.992 457	1	352	
649	9.266 683	40	9.274 228	42	0.725 772	9.992 455	2	351	
.650	9.266 723	40	9.274 269	41	0.725 731	9.992 454	1	.350	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

79°.400 — 79°.350

$10^{\circ}.650 - 10^{\circ}.700$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.266 723		9.274 269		0.725 731	9.992 454		.350	
651	9.266 764	41	9.274 311	42	0.725 689	9.992 452	2	349	
652	9.266 804	40	9.274 353	42	0.725 647	9.992 451	1	348	
653	9.266 844	40	9.274 395	42	0.725 605	9.992 450	1	347	
654	9.266 884	40	9.274 436	41	0.725 564	9.992 448	2	346	
655	9.266 925	41	9.274 478	42	0.725 522	9.992 447	1	345	
656	9.266 965	40	9.274 520	42	0.725 480	9.992 445	2	344	
657	9.267 005	40	9.274 561	41	0.725 439	9.992 444	1	343	
658	9.267 046	41	9.274 603	42	0.725 397	9.992 442	2	342	
659	9.267 086	40	9.274 645	42	0.725 355	9.992 441	1	341	
.660	9.267 126	40	9.274 687	42	0.725 313	9.992 440	1	.340	
661	9.267 166	40	9.274 728	41	0.725 272	9.992 438	2	339	
662	9.267 207	41	9.274 770	42	0.725 230	9.992 437	1	338	
663	9.267 247	40	9.274 812	42	0.725 188	9.992 435	2	337	
664	9.267 287	40	9.274 853	41	0.725 147	9.992 434	1	336	
665	9.267 327	40	9.274 895	42	0.725 105	9.992 432	2	335	
666	9.267 368	41	9.274 937	42	0.725 063	9.992 431	1	334	
667	9.267 408	40	9.274 978	41	0.725 022	9.992 430	1	333	
668	9.267 448	40	9.275 020	42	0.724 980	9.992 428	2	332	
669	9.267 488	40	9.275 062	42	0.724 938	9.992 427	1	331	
.670	9.267 529	41	9.275 103	41	0.724 897	9.992 425	2	.330	
671	9.267 569	40	9.275 145	42	0.724 855	9.992 424	1	329	
672	9.267 609	40	9.275 187	42	0.724 813	9.992 422	2	328	
673	9.267 649	40	9.275 228	41	0.724 772	9.992 421	1	327	
674	9.267 690	41	9.275 270	42	0.724 730	9.992 420	1	326	
675	9.267 730	40	9.275 312	42	0.724 688	9.992 418	2	325	
676	9.267 770	40	9.275 353	41	0.724 647	9.992 417	1	324	
677	9.267 810	40	9.275 395	42	0.724 605	9.992 415	2	323	
678	9.267 850	40	9.275 436	41	0.724 564	9.992 414	1	322	
679	9.267 891	41	9.275 478	42	0.724 522	9.992 412	2	321	
.680	9.267 931	40	9.275 520	42	0.724 480	9.992 411	1	.320	
681	9.267 971	40	9.275 561	41	0.724 439	9.992 410	1	319	
682	9.268 011	40	9.275 603	42	0.724 397	9.992 408	2	318	
683	9.268 051	40	9.275 645	42	0.724 355	9.992 407	1	317	
684	9.268 091	40	9.275 686	41	0.724 314	9.992 405	2	316	
685	9.268 132	41	9.275 728	42	0.724 272	9.992 404	1	315	
686	9.268 172	40	9.275 769	41	0.724 231	9.992 402	2	314	
687	9.268 212	40	9.275 811	42	0.724 189	9.992 401	1	313	
688	9.268 252	40	9.275 853	42	0.724 147	9.992 400	1	312	
689	9.268 292	40	9.275 894	41	0.724 106	9.992 398	2	311	
.690	9.268 332	40	9.275 936	42	0.724 064	9.992 397	1	.310	
691	9.268 373	41	9.275 977	41	0.724 023	9.992 395	2	309	
692	9.268 413	40	9.276 019	42	0.723 981	9.992 394	1	308	
693	9.268 453	40	9.276 060	41	0.723 940	9.992 392	2	307	
694	9.268 493	40	9.276 102	42	0.723 898	9.992 391	1	306	
695	9.268 533	40	9.276 144	42	0.723 856	9.992 390	1	305	
696	9.268 573	40	9.276 185	41	0.723 815	9.992 388	2	304	
697	9.268 613	40	9.276 227	42	0.723 773	9.992 387	1	303	
698	9.268 654	41	9.276 268	41	0.723 732	9.992 385	2	302	
699	9.268 694	40	9.276 310	42	0.723 690	9.992 384	1	301	
.700	9.268 734	40	9.276 351	41	0.723 649	9.992 382	2	.300	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.350 - 79^{\circ}.300$

$10^{\circ}.700 - 10^{\circ}.750$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.268 734		9.276 351		0.723 649	9.992 382		.300	
701	9.268 774	40	9.276 393	42	0.723 607	9.992 381	1	299	
702	9.268 814	40	9.276 434	41	0.723 566	9.992 380	1	298	
703	9.268 854	40	9.276 476	42	0.723 524	9.992 378	2	297	
704	9.268 894	40	9.276 518	42	0.723 482	9.992 377	1	296	42
705	9.268 934	40	9.276 559	41	0.723 441	9.992 375	2	295	1 4.2
706	9.268 974	40	9.276 601	42	0.723 399	9.992 374	1	294	2 8.4
707	9.269 015	41	9.276 642	41	0.723 358	9.992 372	2	293	3 12.6
708	9.269 055	40	9.276 684	42	0.723 316	9.992 371	1	292	4 16.8
709	9.269 095	40	9.276 725	41	0.723 275	9.992 370	1	291	5 21.0
.710	9.269 135	40	9.276 767	42	0.723 233	9.992 368	2	.290	6 25.2
711	9.269 175	40	9.276 808	41	0.723 192	9.992 367	1	289	7 29.4
712	9.269 215	40	9.276 850	42	0.723 150	9.992 365	2	288	8 33.6
713	9.269 255	40	9.276 891	41	0.723 109	9.992 364	1	287	9 37.8
714	9.269 295	40	9.276 933	42	0.723 067	9.992 362	2	286	
715	9.269 335	40	9.276 974	41	0.723 026	9.992 361	1	285	
716	9.269 375	40	9.277 016	42	0.722 984	9.992 359	2	284	41
717	9.269 415	40	9.277 057	41	0.722 943	9.992 358	1	283	1 4.1
718	9.269 455	40	9.277 099	42	0.722 901	9.992 357	1	282	2 8.2
719	9.269 495	40	9.277 140	41	0.722 860	9.992 355	2	281	3 12.3
.720	9.269 535	40	9.277 182	42	0.722 818	9.992 354	1	.280	4 16.4
721	9.269 575	40	9.277 223	41	0.722 777	9.992 352	2	279	5 20.5
722	9.269 615	40	9.277 265	42	0.722 735	9.992 351	1	278	6 24.6
723	9.269 655	40	9.277 306	41	0.722 694	9.992 349	2	277	7 28.7
724	9.269 695	40	9.277 347	41	0.722 653	9.992 348	1	276	8 32.8
725	9.269 736	41	9.277 389	42	0.722 611	9.992 347	2	275	9 36.9
726	9.269 776	40	9.277 430	41	0.722 570	9.992 345	1	274	
727	9.269 816	40	9.277 472	42	0.722 528	9.992 344	2	273	40
728	9.269 856	40	9.277 513	41	0.722 487	9.992 342	1	272	1 4.0
729	9.269 896	40	9.277 555	42	0.722 445	9.992 341	2	271	2 8.0
.730	9.269 936	40	9.277 596	41	0.722 404	9.992 339	1	.270	3 12.0
731	9.269 976	40	9.277 638	42	0.722 362	9.992 338	2	269	4 16.0
732	9.270 016	40	9.277 679	41	0.722 321	9.992 337	1	268	5 20.0
733	9.270 056	40	9.277 720	41	0.722 280	9.992 335	2	267	6 24.0
734	9.270 096	40	9.277 762	42	0.722 238	9.992 334	1	266	7 28.0
735	9.270 136	40	9.277 803	41	0.722 197	9.992 332	2	265	8 32.0
736	9.270 175	39	9.277 845	42	0.722 155	9.992 331	1	264	9 36.0
737	9.270 215	40	9.277 886	41	0.722 114	9.992 329	2	263	
738	9.270 255	40	9.277 928	42	0.722 072	9.992 328	1	262	
739	9.270 295	40	9.277 969	41	0.722 031	9.992 326	2	261	
.740	9.270 335	40	9.278 010	41	0.721 990	9.992 325	1	.260	39
741	9.270 375	40	9.278 052	42	0.721 948	9.992 324	2	259	1 3.9
742	9.270 415	40	9.278 093	41	0.721 907	9.992 322	1	258	2 7.8
743	9.270 455	40	9.278 135	42	0.721 865	9.992 321	2	257	3 11.7
744	9.270 495	40	9.278 176	41	0.721 824	9.992 319	1	256	4 15.6
745	9.270 535	40	9.278 217	41	0.721 783	9.992 318	2	255	5 19.5
746	9.270 575	40	9.278 259	42	0.721 741	9.992 316	1	254	6 23.4
747	9.270 615	40	9.278 300	41	0.721 700	9.992 315	2	253	7 27.3
748	9.270 655	40	9.278 341	41	0.721 659	9.992 314	1	252	8 31.2
749	9.270 695	40	9.278 383	42	0.721 617	9.992 312	2	251	9 35.1
.750	9.270 735	40	9.278 424	41	0.721 576	9.992 311	1	.250	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.300 - 79^{\circ}.250$

$10^{\circ}.750 - 10^{\circ}.800$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.270 735		9.278 424		0.721 576	9.992 311		.250	
751	9.270 775	40	9.278 466	42	0.721 534	9.992 309	2	249	
752	9.270 815	40	9.278 507	41	0.721 493	9.992 308	1	248	
753	9.270 855	40	9.278 548	41	0.721 452	9.992 306	2	247	
		39		42			1		42
754	9.270 894		9.278 590		0.721 410	9.992 305	2	246	
755	9.270 934	40	9.278 631	41	0.721 369	9.992 303	1	245	1 4.2
756	9.270 974	40	9.278 672	41	0.721 328	9.992 302	1	244	2 8.4
		40		42			1		3 12.6
757	9.271 014		9.278 714		0.721 286	9.992 301	2	243	4 16.8
758	9.271 054	40	9.278 755	41	0.721 245	9.992 299	1	242	5 21.0
759	9.271 094	40	9.278 796	41	0.721 204	9.992 298	1	241	6 25.2
		40		42			2		7 29.4
.760	9.271 134		9.278 838		0.721 162	9.992 296		.240	8 33.6
		40		41			1		9 37.8
761	9.271 174	40	9.278 879	41	0.721 121	9.992 295	2	239	
762	9.271 214	40	9.278 920	41	0.721 080	9.992 293	1	238	
763	9.271 253	39	9.278 962	42	0.721 038	9.992 292	1	237	
		40		41			2		41
764	9.271 293		9.279 003		0.720 997	9.992 290	1	236	
765	9.271 333	40	9.279 044	41	0.720 956	9.992 289	1	235	
766	9.271 373	40	9.279 086	42	0.720 914	9.992 288	1	234	
		40		41			2		1 4.1
767	9.271 413		9.279 127		0.720 873	9.992 286	1	233	2 8.2
768	9.271 453	40	9.279 168	41	0.720 832	9.992 285	2	232	3 12.3
769	9.271 493	40	9.279 209	41	0.720 791	9.992 283	2	231	4 16.4
		40		42			1		5 20.5
.770	9.271 533		9.279 251		0.720 749	9.992 282		.230	6 24.6
		39		41			2		7 28.7
771	9.271 572	40	9.279 292	41	0.720 708	9.992 280	1	229	8 32.8
772	9.271 612	40	9.279 333	42	0.720 667	9.992 279	2	228	9 36.9
773	9.271 652	40	9.279 375	41	0.720 625	9.992 277	1	227	
		40		41			1		
774	9.271 692		9.279 416		0.720 584	9.992 276	1	226	
775	9.271 732	40	9.279 457	41	0.720 543	9.992 275	2	225	
776	9.271 772	40	9.279 498	41	0.720 502	9.992 273	1	224	
		39		42			2		
777	9.271 811		9.279 540		0.720 460	9.992 272	1	223	40
778	9.271 851	40	9.279 581	41	0.720 419	9.992 270	2	222	
779	9.271 891	40	9.279 622	41	0.720 378	9.992 269	1	221	1 4.0
		40		41			2		2 8.0
.780	9.271 931		9.279 663		0.720 337	9.992 267		.220	3 12.0
		40		42			1		4 16.0
781	9.271 971	39	9.279 705	41	0.720 295	9.992 266	1	219	5 20.0
782	9.272 010	40	9.279 746	41	0.720 254	9.992 265	2	218	6 24.0
783	9.272 050	40	9.279 787	41	0.720 213	9.992 263	1	217	7 28.0
		40		41			2		8 32.0
784	9.272 090		9.279 828		0.720 172	9.992 262	1	216	9 36.0
785	9.272 130	40	9.279 870	42	0.720 130	9.992 260	2	215	
786	9.272 170	40	9.279 911	41	0.720 089	9.992 259	1	214	
		39		41			2		
787	9.272 209		9.279 952		0.720 048	9.992 257	1	213	
788	9.272 249	40	9.279 993	41	0.720 007	9.992 256	2	212	
789	9.272 289	40	9.280 035	42	0.719 965	9.992 254	1	211	
		40		41			1		39
.790	9.272 329		9.280 076		0.719 924	9.992 253		.210	1 3.9
		40		41			1		2 7.8
791	9.272 369	39	9.280 117	41	0.719 883	9.992 252	2	209	3 11.7
792	9.272 408	40	9.280 158	41	0.719 842	9.992 250	1	208	4 15.6
793	9.272 448	40	9.280 199	41	0.719 801	9.992 249	2	207	5 19.5
		40		42			1		6 23.4
794	9.272 488		9.280 241		0.719 759	9.992 247	2	206	7 27.3
795	9.272 528	40	9.280 282	41	0.719 718	9.992 246	1	205	8 31.2
796	9.272 567	39	9.280 323	41	0.719 677	9.992 244	2	204	9 35.1
		40		41			1		
797	9.272 607		9.280 364		0.719 636	9.992 243	2	203	
798	9.272 647	40	9.280 405	41	0.719 595	9.992 241	1	202	
799	9.272 687	40	9.280 447	42	0.719 553	9.992 240	1	201	
		39		41			1		
.800	9.272 726		9.280 488		0.719 512	9.992 239		.200	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.250 - 79^{\circ}.200$

$10^{\circ}.800 - 10^{\circ}.850$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.272 726		9.280 488		0.719 512	9.992 239		.200	
801	9.272 766	40	9.280 529	41	0.719 471	9.992 237	2	199	
802	9.272 806	40	9.280 570	41	0.719 430	9.992 236	1	198	
803	9.272 845	39	9.280 611	41	0.719 389	9.992 234	2	197	
804	9.272 885	40	9.280 652	41	0.719 348	9.992 233	1	196	42
805	9.272 925	40	9.280 694	42	0.719 306	9.992 231	2	195	1 4.2
806	9.272 965	40	9.280 735	41	0.719 265	9.992 230	1	194	2 8.4
807	9.273 004	39	9.280 776	41	0.719 224	9.992 228	2	193	3 12.6
808	9.273 044	40	9.280 817	41	0.719 183	9.992 227	1	192	4 16.8
809	9.273 084	40	9.280 858	41	0.719 142	9.992 225	2	191	5 21.0
.810	9.273 123	39	9.280 899	41	0.719 101	9.992 224	1	.190	6 25.2
811	9.273 163	40	9.280 941	42	0.719 059	9.992 223	1	189	7 29.4
812	9.273 203	40	9.280 982	41	0.719 018	9.992 221	2	188	8 33.6
813	9.273 243	40	9.281 023	41	0.718 977	9.992 220	1	187	9 37.8
814	9.273 282	39	9.281 064	41	0.718 936	9.992 218	2	186	
815	9.273 322	40	9.281 105	41	0.718 895	9.992 217	1	185	41
816	9.273 362	40	9.281 146	41	0.718 854	9.992 215	2	184	1 4.1
817	9.273 401	39	9.281 187	41	0.718 813	9.992 214	1	183	2 8.2
818	9.273 441	40	9.281 228	41	0.718 772	9.992 212	2	182	3 12.3
819	9.273 481	40	9.281 270	42	0.718 730	9.992 211	1	181	4 16.4
.820	9.273 520	39	9.281 311	41	0.718 689	9.992 210	1	.180	5 20.5
821	9.273 560	40	9.281 352	41	0.718 648	9.992 208	2	179	6 24.6
822	9.273 600	40	9.281 393	41	0.718 607	9.992 207	1	178	7 28.7
823	9.273 639	39	9.281 434	41	0.718 566	9.992 205	2	177	8 32.8
824	9.273 679	40	9.281 475	41	0.718 525	9.992 204	1	176	9 36.9
825	9.273 718	39	9.281 516	41	0.718 484	9.992 202	2	175	
826	9.273 758	40	9.281 557	41	0.718 443	9.992 201	1	174	
827	9.273 798	40	9.281 598	41	0.718 402	9.992 199	2	173	40
828	9.273 837	39	9.281 639	41	0.718 361	9.992 198	1	172	1 4.0
829	9.273 877	40	9.281 680	41	0.718 320	9.992 197	1	171	2 8.0
.830	9.273 917	40	9.281 722	42	0.718 278	9.992 195	2	.170	3 12.0
831	9.273 956	39	9.281 763	41	0.718 237	9.992 194	1	169	4 16.0
832	9.273 996	40	9.281 804	41	0.718 196	9.992 192	2	168	5 20.0
833	9.274 035	39	9.281 845	41	0.718 155	9.992 191	1	167	6 24.0
834	9.274 075	40	9.281 886	41	0.718 114	9.992 189	2	166	7 28.0
835	9.274 115	40	9.281 927	41	0.718 073	9.992 188	1	165	8 32.0
836	9.274 154	39	9.281 968	41	0.718 032	9.992 186	2	164	9 36.0
837	9.274 194	40	9.282 009	41	0.717 991	9.992 185	1	163	
838	9.274 233	39	9.282 050	41	0.717 950	9.992 183	2	162	
839	9.274 273	40	9.282 091	41	0.717 909	9.992 182	1	161	39
.840	9.274 313	40	9.282 132	41	0.717 868	9.992 181	1	.160	1 3.9
841	9.274 352	39	9.282 173	41	0.717 827	9.992 179	2	159	2 7.8
842	9.274 392	40	9.282 214	41	0.717 786	9.992 178	1	158	3 11.7
843	9.274 431	39	9.282 255	41	0.717 745	9.992 176	2	157	4 15.6
844	9.274 471	40	9.282 296	41	0.717 704	9.992 175	1	156	5 19.5
845	9.274 511	40	9.282 337	41	0.717 663	9.992 173	2	155	6 23.4
846	9.274 550	39	9.282 378	41	0.717 622	9.992 172	1	154	7 27.3
847	9.274 590	40	9.282 419	41	0.717 581	9.992 170	2	153	8 31.2
848	9.274 629	39	9.282 460	41	0.717 540	9.992 169	1	152	9 35.1
849	9.274 669	40	9.282 501	41	0.717 499	9.992 167	2	151	
.850	9.274 708	39	9.282 542	41	0.717 458	9.992 166	1	.150	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.200 - 79^{\circ}.150$

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$10^{\circ}.850 - 10^{\circ}.900$

10°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.274 708		9.282 542		0.717 458	9.992 166		.150	
851	9.274 748	40	9.282 583	41	0.717 417	9.992 165	1	149	
852	9.274 787	39	9.282 624	41	0.717 376	9.992 163	2	148	
853	9.274 827	40	9.282 665	41	0.717 335	9.992 162	1	147	
854	9.274 866	39	9.282 706	41	0.717 294	9.992 160	2	146	
855	9.274 906	40	9.282 747	41	0.717 253	9.992 159	1	145	
856	9.274 946	40	9.282 788	41	0.717 212	9.992 157	2	144	
857	9.274 985	39	9.282 829	41	0.717 171	9.992 156	1	143	41
858	9.275 025	40	9.282 870	41	0.717 130	9.992 154	2	142	1 4.1
859	9.275 064	39	9.282 911	41	0.717 089	9.992 153	1	141	2 8.2
.860	9.275 104	40	9.282 952	41	0.717 048	9.992 152	1	.140	3 12.3
861	9.275 143	39	9.282 993	41	0.717 007	9.992 150	2	139	4 16.4
862	9.275 183	40	9.283 034	41	0.716 966	9.992 149	1	138	5 20.5
863	9.275 222	39	9.283 075	41	0.716 925	9.992 147	2	137	6 24.6
864	9.275 262	40	9.283 116	41	0.716 884	9.992 146	1	136	7 28.7
865	9.275 301	39	9.283 157	41	0.716 843	9.992 144	2	135	8 32.8
866	9.275 341	40	9.283 198	41	0.716 802	9.992 143	1	134	9 36.9
867	9.275 380	39	9.283 239	41	0.716 761	9.992 141	2	133	
868	9.275 420	40	9.283 280	41	0.716 720	9.992 140	1	132	
869	9.275 459	39	9.283 321	41	0.716 679	9.992 138	2	131	
.870	9.275 499	40	9.283 362	41	0.716 638	9.992 137	1	.130	
871	9.275 538	39	9.283 403	41	0.716 597	9.992 136	1	129	40
872	9.275 577	39	9.283 443	40	0.716 557	9.992 134	2	128	1 4.0
873	9.275 617	40	9.283 484	41	0.716 516	9.992 133	1	127	2 8.0
874	9.275 656	39	9.283 525	41	0.716 475	9.992 131	2	126	3 12.0
875	9.275 696	40	9.283 566	41	0.716 434	9.992 130	1	125	4 16.0
876	9.275 735	39	9.283 607	41	0.716 393	9.992 128	2	124	5 20.0
877	9.275 775	40	9.283 648	41	0.716 352	9.992 127	1	123	6 24.0
878	9.275 814	39	9.283 689	41	0.716 311	9.992 125	2	122	7 28.0
879	9.275 854	40	9.283 730	41	0.716 270	9.992 124	1	121	8 32.0
.880	9.275 893	39	9.283 771	41	0.716 229	9.992 122	2	.120	9 36.0
881	9.275 933	40	9.283 812	41	0.716 188	9.992 121	1	119	
882	9.275 972	39	9.283 852	40	0.716 148	9.992 119	2	118	
883	9.276 011	39	9.283 893	41	0.716 107	9.992 118	1	117	
884	9.276 051	40	9.283 934	41	0.716 066	9.992 117	1	116	
885	9.276 090	39	9.283 975	41	0.716 025	9.992 115	2	115	
886	9.276 130	40	9.284 016	41	0.715 984	9.992 114	1	114	
887	9.276 169	39	9.284 057	41	0.715 943	9.992 112	2	113	39
888	9.276 208	39	9.284 098	41	0.715 902	9.992 111	1	112	1 3.9
889	9.276 248	40	9.284 139	41	0.715 861	9.992 109	2	111	2 7.8
.890	9.276 287	39	9.284 179	40	0.715 821	9.992 108	1	.110	3 11.7
891	9.276 327	40	9.284 220	41	0.715 780	9.992 106	2	109	4 15.6
892	9.276 366	39	9.284 261	41	0.715 739	9.992 105	1	108	5 19.5
893	9.276 405	39	9.284 302	41	0.715 698	9.992 103	2	107	6 23.4
894	9.276 445	40	9.284 343	41	0.715 657	9.992 102	1	106	7 27.3
895	9.276 484	39	9.284 384	41	0.715 616	9.992 101	1	105	8 31.2
896	9.276 524	40	9.284 425	41	0.715 575	9.992 099	2	104	9 35.1
897	9.276 563	39	9.284 465	40	0.715 535	9.992 098	1	103	
898	9.276 602	39	9.284 506	41	0.715 494	9.992 096	2	102	
899	9.276 642	40	9.284 547	41	0.715 453	9.992 095	1	101	
.900	9.276 681	39	9.284 588	41	0.715 412	9.992 093	2	.100	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

$79^{\circ}.150 - 79^{\circ}.100$

10°.900 — 10°.950

10°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.276 681		9.284 588		0.715 412	9.992 093		.100	
901	9.276 720	39	9.284 629	41	0.715 371	9.992 092	1	099	
902	9.276 760	40	9.284 669	40	0.715 331	9.992 090	2	098	
903	9.276 799	39	9.284 710	41	0.715 290	9.992 089	1	097	
904	9.276 838	39	9.284 751	41	0.715 249	9.992 087	2	096	
905	9.276 878	40	9.284 792	41	0.715 208	9.992 086	1	095	
906	9.276 917	39	9.284 833	41	0.715 167	9.992 084	2	094	
907	9.276 957	40	9.284 873	40	0.715 127	9.992 083	1	093	
908	9.276 996	39	9.284 914	41	0.715 086	9.992 082	1	092	
909	9.277 035	39	9.284 955	41	0.715 045	9.992 080	2	091	
.910	9.277 074	39	9.284 996	41	0.715 004	9.992 079	1	.090	
911	9.277 114	40	9.285 037	41	0.714 963	9.992 077	2	089	
912	9.277 153	39	9.285 077	40	0.714 923	9.992 076	1	088	
913	9.277 192	39	9.285 118	41	0.714 882	9.992 074	2	087	
914	9.277 232	40	9.285 159	41	0.714 841	9.992 073	1	086	
915	9.277 271	39	9.285 200	41	0.714 800	9.992 071	2	085	
916	9.277 310	39	9.285 241	41	0.714 759	9.992 070	1	084	
917	9.277 350	40	9.285 281	40	0.714 719	9.992 068	2	083	
918	9.277 389	39	9.285 322	41	0.714 678	9.992 067	1	082	
919	9.277 428	39	9.285 363	41	0.714 637	9.992 065	2	081	
.920	9.277 468	40	9.285 404	41	0.714 596	9.992 064	1	.080	
921	9.277 507	39	9.285 444	40	0.714 556	9.992 063	1	079	
922	9.277 546	39	9.285 485	41	0.714 515	9.992 061	2	078	
923	9.277 585	39	9.285 526	41	0.714 474	9.992 060	1	077	
924	9.277 625	40	9.285 567	41	0.714 433	9.992 058	2	076	
925	9.277 664	39	9.285 607	40	0.714 393	9.992 057	1	075	
926	9.277 703	39	9.285 648	41	0.714 352	9.992 055	2	074	
927	9.277 742	39	9.285 689	41	0.714 311	9.992 054	1	073	
928	9.277 782	40	9.285 729	40	0.714 271	9.992 052	2	072	
929	9.277 821	39	9.285 770	41	0.714 230	9.992 051	1	071	
.930	9.277 860	39	9.285 811	41	0.714 189	9.992 049	2	.070	
931	9.277 900	40	9.285 852	41	0.714 148	9.992 048	1	069	
932	9.277 939	39	9.285 892	40	0.714 108	9.992 046	2	068	
933	9.277 978	39	9.285 933	41	0.714 067	9.992 045	1	067	
934	9.278 017	39	9.285 974	41	0.714 026	9.992 044	1	066	
935	9.278 056	39	9.286 014	40	0.713 986	9.992 042	2	065	
936	9.278 096	40	9.286 055	41	0.713 945	9.992 041	1	064	
937	9.278 135	39	9.286 096	41	0.713 904	9.992 039	2	063	
938	9.278 174	39	9.286 136	40	0.713 864	9.992 038	1	062	
939	9.278 213	39	9.286 177	41	0.713 823	9.992 036	2	061	
.940	9.278 253	40	9.286 218	41	0.713 782	9.992 035	1	.060	
941	9.278 292	39	9.286 259	41	0.713 741	9.992 033	2	059	
942	9.278 331	39	9.286 299	40	0.713 701	9.992 032	1	058	
943	9.278 370	39	9.286 340	41	0.713 660	9.992 030	2	057	
944	9.278 409	39	9.286 381	41	0.713 619	9.992 029	1	056	
945	9.278 449	40	9.286 421	40	0.713 579	9.992 027	2	055	
946	9.278 488	39	9.286 462	41	0.713 538	9.992 026	1	054	
947	9.278 527	39	9.286 503	41	0.713 497	9.992 024	2	053	
948	9.278 566	39	9.286 543	40	0.713 457	9.992 023	1	052	
949	9.278 605	39	9.286 584	41	0.713 416	9.992 022	1	051	
.950	9.278 645	40	9.286 624	40	0.713 376	9.992 020	2	.050	
	cos	d	cotg	d	tang	sin	d	79°	P.P.

79°.100 — 79°.050

10°.950 — 11°.000

10°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.278 645		9.286 624		0.713 376	9.992 020		.050	
951	9.278 684	39	9.286 665	41	0.713 335	9.992 019	1	049	
952	9.278 723	39	9.286 706	41	0.713 294	9.992 017	2	048	
953	9.278 762	39	9.286 746	40	0.713 254	9.992 016	1	047	
		39		41			2		
954	9.278 801	39	9.286 787	41	0.713 213	9.992 014	1	046	
955	9.278 840	39	9.286 828	41	0.713 172	9.992 013	2	045	
956	9.278 880	40	9.286 868	40	0.713 132	9.992 011	1	044	
		39		41			2		
957	9.278 919	39	9.286 909	41	0.713 091	9.992 010	1	043	
958	9.278 958	39	9.286 950	41	0.713 050	9.992 008	2	042	
959	9.278 997	39	9.286 990	40	0.713 010	9.992 007	1	041	
		39		41			2		
.960	9.279 036		9.287 031		0.712 969	9.992 005		.040	
		39		40			1		
961	9.279 075	39	9.287 071	41	0.712 929	9.992 004	2	039	
962	9.279 114	39	9.287 112	41	0.712 888	9.992 002	1	038	
963	9.279 154	40	9.287 153	41	0.712 847	9.992 001	1	037	
		39		40			1		
964	9.279 193	39	9.287 193	40	0.712 807	9.992 000	2	036	
965	9.279 232	39	9.287 234	41	0.712 766	9.991 998	1	035	
966	9.279 271	39	9.287 274	40	0.712 726	9.991 997	2	034	
		39		41			1		
967	9.279 310	39	9.287 315	41	0.712 685	9.991 995	2	033	
968	9.279 349	39	9.287 355	40	0.712 645	9.991 994	1	032	
969	9.279 388	39	9.287 396	41	0.712 604	9.991 992	2	031	
		39		41			1		
.970	9.279 427		9.287 437		0.712 563	9.991 991		.030	
		39		40			2		
971	9.279 466	39	9.287 477	41	0.712 523	9.991 989	1	029	
972	9.279 506	40	9.287 518	41	0.712 482	9.991 988	2	028	
973	9.279 545	39	9.287 558	40	0.712 442	9.991 986	1	027	
		39		41			2		
974	9.279 584	39	9.287 599	41	0.712 401	9.991 985	1	026	
975	9.279 623	39	9.287 639	40	0.712 361	9.991 983	2	025	
976	9.279 662	39	9.287 680	41	0.712 320	9.991 982	1	024	
		39		41			2		
977	9.279 701	39	9.287 721	41	0.712 279	9.991 980	1	023	
978	9.279 740	39	9.287 761	40	0.712 239	9.991 979	2	022	
979	9.279 779	39	9.287 802	41	0.712 198	9.991 977	1	021	
		39		40			2		
.980	9.279 818		9.287 842		0.712 158	9.991 976		.020	
		39		41			1		
981	9.279 857	39	9.287 883	40	0.712 117	9.991 975	2	019	
982	9.279 896	39	9.287 923	41	0.712 077	9.991 973	1	018	
983	9.279 935	39	9.287 964	41	0.712 036	9.991 972	2	017	
		39		40			1		
984	9.279 974	39	9.288 004	41	0.711 996	9.991 970	2	016	
985	9.280 014	40	9.288 045	41	0.711 955	9.991 969	1	015	
986	9.280 053	39	9.288 085	40	0.711 915	9.991 967	2	014	
		39		41			1		
987	9.280 092	39	9.288 126	41	0.711 874	9.991 966	2	013	
988	9.280 131	39	9.288 166	40	0.711 834	9.991 964	1	012	
989	9.280 170	39	9.288 207	41	0.711 793	9.991 963	2	011	
		39		40			1		
.990	9.280 209		9.288 247		0.711 753	9.991 961		.010	
		39		41			2		
991	9.280 248	39	9.288 288	41	0.711 712	9.991 960	1	009	
992	9.280 287	39	9.288 328	40	0.711 672	9.991 958	2	008	
993	9.280 326	39	9.288 369	41	0.711 631	9.991 957	1	007	
		39		40			2		
994	9.280 365	39	9.288 409	41	0.711 591	9.991 955	1	006	
995	9.280 404	39	9.288 450	41	0.711 550	9.991 954	2	005	
996	9.280 443	39	9.288 490	40	0.711 510	9.991 952	1	004	
		39		41			2		
997	9.280 482	39	9.288 531	41	0.711 469	9.991 951	1	003	
998	9.280 521	39	9.288 571	40	0.711 429	9.991 950	2	002	
999	9.280 560	39	9.288 612	41	0.711 388	9.991 948	1	001	
		39		40			2		
*.000	9.280 599		9.288 652		0.711 348	9.991 947		.000	
		39		40			1		
	cos	d	cotg	d	tang	sin	d	79°	P.P.

11°.000 — 11°.050

11°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.280 599		9.288 652		0.711 348	9.991 947		*.000	
001	9.280 638	39	9.288 693	41	0.711 307	9.991 945	2	999	
002	9.280 677	39	9.288 733	40	0.711 267	9.991 944	1	998	
003	9.280 716	39	9.288 774	41	0.711 226	9.991 942	2	997	
004	9.280 755	39	9.288 814	40	0.711 186	9.991 941	1	996	41
005	9.280 794	39	9.288 855	41	0.711 145	9.991 939	2	995	1 4.1
006	9.280 833	39	9.288 895	40	0.711 105	9.991 938	1	994	2 8.2
007	9.280 872	39	9.288 935	40	0.711 065	9.991 936	2	993	3 12.3
008	9.280 911	39	9.288 976	41	0.711 024	9.991 935	1	992	4 16.4
009	9.280 950	39	9.289 016	40	0.710 984	9.991 933	2	991	5 20.5
.010	9.280 989	39	9.289 057	41	0.710 943	9.991 932	1	.990	6 24.6
		39		40			2	989	7 28.7
011	9.281 028	39	9.289 097	41	0.710 903	9.991 930	1	988	8 32.8
012	9.281 067	39	9.289 138	40	0.710 862	9.991 929	2	987	9 36.9
013	9.281 105	38	9.289 178	40	0.710 822	9.991 927	1		
014	9.281 144	39	9.289 218	40	0.710 782	9.991 926	2	986	
015	9.281 183	39	9.289 259	41	0.710 741	9.991 924	1	985	40
016	9.281 222	39	9.289 299	40	0.710 701	9.991 923	2	984	
017	9.281 261	39	9.289 340	41	0.710 660	9.991 922	1	983	1 4.0
018	9.281 300	39	9.289 380	40	0.710 620	9.991 920	2	982	2 8.0
019	9.281 339	39	9.289 421	41	0.710 579	9.991 919	1	981	3 12.0
.020	9.281 378	39	9.289 461	40	0.710 539	9.991 917	2	.980	4 16.0
		39		40			1	979	5 20.0
021	9.281 417	39	9.289 501	41	0.710 499	9.991 916	2	978	6 24.0
022	9.281 456	39	9.289 542	40	0.710 458	9.991 914	1	977	7 28.0
023	9.281 495	39	9.289 582	41	0.710 418	9.991 913	2		8 32.0
024	9.281 534	39	9.289 623	40	0.710 377	9.991 911	1	976	9 36.0
025	9.281 573	39	9.289 663	40	0.710 337	9.991 910	2	975	
026	9.281 611	38	9.289 703	40	0.710 297	9.991 908	1	974	
027	9.281 650	39	9.289 744	41	0.710 256	9.991 907	2	973	39
028	9.281 689	39	9.289 784	40	0.710 216	9.991 905	1	972	
029	9.281 728	39	9.289 824	40	0.710 176	9.991 904	2	971	1 3.9
.030	9.281 767	39	9.289 865	41	0.710 135	9.991 902	1	.970	2 7.8
		39		40			2	969	3 11.7
031	9.281 806	39	9.289 905	40	0.710 095	9.991 901	1	968	4 15.6
032	9.281 845	39	9.289 945	41	0.710 055	9.991 899	2	967	5 19.5
033	9.281 884	39	9.289 986	40	0.710 014	9.991 898	1	966	6 23.4
034	9.281 923	39	9.290 026	40	0.709 974	9.991 896	2	965	7 27.3
035	9.281 961	38	9.290 067	41	0.709 933	9.991 895	1	964	8 31.2
036	9.282 000	39	9.290 107	40	0.709 893	9.991 893	2		9 35.1
037	9.282 039	39	9.290 147	40	0.709 853	9.991 892	1	963	
038	9.282 078	39	9.290 188	41	0.709 812	9.991 890	2	962	
039	9.282 117	39	9.290 228	40	0.709 772	9.991 889	1	961	38
.040	9.282 156	39	9.290 268	40	0.709 732	9.991 888	2	.960	
		39		41			1	959	1 3.8
041	9.282 195	38	9.290 309	40	0.709 691	9.991 886	2	958	2 7.6
042	9.282 233	39	9.290 349	40	0.709 651	9.991 885	1	957	3 11.4
043	9.282 272	39	9.290 389	40	0.709 611	9.991 883	2	956	4 15.2
044	9.282 311	39	9.290 430	41	0.709 570	9.991 882	1	955	5 19.0
045	9.282 350	39	9.290 470	40	0.709 530	9.991 880	2	954	6 22.8
046	9.282 389	39	9.290 510	40	0.709 490	9.991 879	1	953	7 26.6
047	9.282 428	39	9.290 550	40	0.709 450	9.991 877	2	952	8 30.4
048	9.282 466	38	9.290 591	41	0.709 409	9.991 876	1	951	9 34.2
049	9.282 505	39	9.290 631	40	0.709 369	9.991 874	2		
.050	9.282 544	39	9.290 671	40	0.709 329	9.991 873	1	.950	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

11°.050 — 11°.100

11°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.282 544		9.290 671		0.709 329	9.991 873		.950	
051	9.282 583	39	9.290 712	41	0.709 288	9.991 871	2	949	
052	9.282 622	39	9.290 752	40	0.709 248	9.991 870	1	948	
053	9.282 660	38	9.290 792	40	0.709 208	9.991 868	2	947	
054	9.282 699	39	9.290 832	40	0.709 168	9.991 867	1	946	41
055	9.282 738	39	9.290 873	41	0.709 127	9.991 865	2	945	1 4.1
056	9.282 777	39	9.290 913	40	0.709 087	9.991 864	1	944	2 8.2
057	9.282 816	39	9.290 953	40	0.709 047	9.991 862	2	943	3 12.3
058	9.282 854	38	9.290 994	41	0.709 006	9.991 861	1	942	4 16.4
059	9.282 893	39	9.291 034	40	0.708 966	9.991 859	2	941	5 20.5
.060	9.282 932	39	9.291 074	40	0.708 926	9.991 858	1	.940	6 24.6
		39		40			2		7 28.7
061	9.282 971	39	9.291 114	41	0.708 886	9.991 856	1	939	8 32.8
062	9.283 010	39	9.291 155	41	0.708 845	9.991 855	2	938	9 36.9
063	9.283 048	38	9.291 195	40	0.708 805	9.991 853	1	937	
064	9.283 087	39	9.291 235	40	0.708 765	9.991 852	2	936	
065	9.283 126	39	9.291 275	40	0.708 725	9.991 851	1	935	
066	9.283 165	39	9.291 316	41	0.708 684	9.991 849	2	934	40
067	9.283 203	38	9.291 356	40	0.708 644	9.991 848	1	933	1 4.0
068	9.283 242	39	9.291 396	40	0.708 604	9.991 846	2	932	2 8.0
069	9.283 281	39	9.291 436	40	0.708 564	9.991 845	1	931	3 12.0
.070	9.283 320	39	9.291 477	41	0.708 523	9.991 843	2	.930	4 16.0
		38		40			1		5 20.0
071	9.283 358	39	9.291 517	40	0.708 483	9.991 842	2	929	6 24.0
072	9.283 397	39	9.291 557	40	0.708 443	9.991 840	1	928	7 28.0
073	9.283 436	39	9.291 597	40	0.708 403	9.991 839	2	927	8 32.0
074	9.283 475	39	9.291 637	40	0.708 363	9.991 837	1	926	9 36.0
075	9.283 513	38	9.291 678	41	0.708 322	9.991 836	2	925	
076	9.283 552	39	9.291 718	40	0.708 282	9.991 834	1	924	
077	9.283 591	39	9.291 758	40	0.708 242	9.991 833	2	923	39
078	9.283 629	38	9.291 798	40	0.708 202	9.991 831	1	922	1 3.9
079	9.283 668	39	9.291 838	40	0.708 162	9.991 830	2	921	2 7.8
.080	9.283 707	39	9.291 879	41	0.708 121	9.991 828	1	.920	3 11.7
		39		40			2		4 15.6
081	9.283 746	38	9.291 919	40	0.708 081	9.991 827	1	919	5 19.5
082	9.283 784	39	9.291 959	40	0.708 041	9.991 825	2	918	6 23.4
083	9.283 823	39	9.291 999	40	0.708 001	9.991 824	1	917	7 27.3
084	9.283 862	39	9.292 039	40	0.707 961	9.991 822	2	916	8 31.2
085	9.283 900	38	9.292 080	41	0.707 920	9.991 821	1	915	9 35.1
086	9.283 939	39	9.292 120	40	0.707 880	9.991 819	2	914	
087	9.283 978	39	9.292 160	40	0.707 840	9.991 818	1	913	
088	9.284 016	38	9.292 200	40	0.707 800	9.991 816	2	912	
089	9.284 055	39	9.292 240	40	0.707 760	9.991 815	1	911	
.090	9.284 094	39	9.292 280	40	0.707 720	9.991 813	2	.910	38
		38		40			1		1 3.8
091	9.284 132	39	9.292 320	41	0.707 680	9.991 812	2	909	2 7.6
092	9.284 171	39	9.292 361	40	0.707 639	9.991 810	1	908	3 11.4
093	9.284 210	39	9.292 401	40	0.707 599	9.991 809	2	907	4 15.2
094	9.284 248	38	9.292 441	40	0.707 559	9.991 807	1	906	5 19.0
095	9.284 287	39	9.292 481	40	0.707 519	9.991 806	2	905	6 22.8
096	9.284 326	39	9.292 521	40	0.707 479	9.991 804	1	904	7 26.6
097	9.284 364	38	9.292 561	40	0.707 439	9.991 803	2	903	8 30.4
098	9.284 403	39	9.292 601	40	0.707 399	9.991 802	1	902	9 34.2
099	9.284 442	39	9.292 642	41	0.707 358	9.991 800	2	901	
.100	9.284 480	38	9.292 682	40	0.707 318	9.991 799	1	.900	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.950 — 78°.900

11°.100 — 11°.150

11°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.284 480		9.292 682		0.707 318	9.991 799		.900	
101	9.284 519	39	9.292 722	40	0.707 278	9.991 797	2	899	
102	9.284 558	39	9.292 762	40	0.707 238	9.991 796	1	898	
103	9.284 596	38	9.292 802	40	0.707 198	9.991 794	2	897	
104	9.284 635	39	9.292 842	40	0.707 158	9.991 793	1	896	41
105	9.284 673	38	9.292 882	40	0.707 118	9.991 791	2	895	1 4.1
106	9.284 712	39	9.292 922	40	0.707 078	9.991 790	1	894	2 8.2
107	9.284 751	39	9.292 963	41	0.707 037	9.991 788	2	893	3 12.3
108	9.284 789	38	9.293 003	40	0.706 997	9.991 787	1	892	4 16.4
109	9.284 828	39	9.293 043	40	0.706 957	9.991 785	2	891	5 20.5
.110	9.284 866	38	9.293 083	40	0.706 917	9.991 784	1	.890	6 24.6
		39		40			2	889	7 28.7
111	9.284 905	39	9.293 123	40	0.706 877	9.991 782	1	888	8 32.8
112	9.284 944	39	9.293 163	40	0.706 837	9.991 781	2	887	9 36.9
113	9.284 982	38	9.293 203	40	0.706 797	9.991 779	1		
114	9.285 021	39	9.293 243	40	0.706 757	9.991 778	2	886	
115	9.285 059	38	9.293 283	40	0.706 717	9.991 776	1	885	40
116	9.285 098	39	9.293 323	40	0.706 677	9.991 775	2	884	1 4.0
117	9.285 137	39	9.293 363	40	0.706 637	9.991 773	1	883	2 8.0
118	9.285 175	38	9.293 403	40	0.706 597	9.991 772	2	882	3 12.0
119	9.285 214	39	9.293 443	40	0.706 557	9.991 770	1	881	4 16.0
.120	9.285 252	38	9.293 483	40	0.706 517	9.991 769	2	.880	5 20.0
		39		41			1	879	6 24.0
121	9.285 291	38	9.293 524	40	0.706 476	9.991 767	2	878	7 28.0
122	9.285 329	39	9.293 564	40	0.706 436	9.991 766	1	877	8 32.0
123	9.285 368	39	9.293 604	40	0.706 396	9.991 764	2		9 36.0
124	9.285 407	39	9.293 644	40	0.706 356	9.991 763	1	876	
125	9.285 445	38	9.293 684	40	0.706 316	9.991 761	2	875	
126	9.285 484	39	9.293 724	40	0.706 276	9.991 760	1	874	
127	9.285 522	38	9.293 764	40	0.706 236	9.991 758	2	873	39
128	9.285 561	39	9.293 804	40	0.706 196	9.991 757	1	872	1 3.9
129	9.285 599	38	9.293 844	40	0.706 156	9.991 755	2	871	2 7.8
.130	9.285 638	39	9.293 884	40	0.706 116	9.991 754	1	.870	3 11.7
		38		40			2	869	4 15.6
131	9.285 676	39	9.293 924	40	0.706 076	9.991 752	1	868	5 19.5
132	9.285 715	39	9.293 964	40	0.706 036	9.991 751	2	867	6 23.4
133	9.285 753	38	9.294 004	40	0.705 996	9.991 749	1		7 27.3
134	9.285 792	39	9.294 044	40	0.705 956	9.991 748	2	866	8 31.2
135	9.285 830	38	9.294 084	40	0.705 916	9.991 746	1	865	9 35.1
136	9.285 869	39	9.294 124	40	0.705 876	9.991 745	2	864	
137	9.285 907	38	9.294 164	40	0.705 836	9.991 743	1	863	
138	9.285 946	39	9.294 204	40	0.705 796	9.991 742	2	862	
139	9.285 984	38	9.294 244	40	0.705 756	9.991 740	1	861	38
.140	9.286 023	39	9.294 284	40	0.705 716	9.991 739	2	.860	1 3.8
		38		40			1	859	2 7.6
141	9.286 061	39	9.294 324	40	0.705 676	9.991 737	2	858	3 11.4
142	9.286 100	38	9.294 364	40	0.705 636	9.991 736	1	857	4 15.2
143	9.286 138	39	9.294 404	40	0.705 596	9.991 734	2		5 19.0
144	9.286 177	39	9.294 444	40	0.705 556	9.991 733	1	856	6 22.8
145	9.286 215	38	9.294 484	40	0.705 516	9.991 731	2	855	7 26.6
146	9.286 254	39	9.294 524	40	0.705 476	9.991 730	1	854	8 30.4
147	9.286 292	38	9.294 564	40	0.705 436	9.991 729	2	853	9 34.2
148	9.286 331	39	9.294 604	40	0.705 396	9.991 727	1	852	
149	9.286 369	38	9.294 644	40	0.705 356	9.991 726	2	851	
.150	9.286 408	39	9.294 684	40	0.705 316	9.991 724	1	.850	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

11°.150 — 11°.200

11°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.286 408	38	9.294 684	40	0.705 316	9.991 724	1	.850	
151	9.286 446	38	9.294 724	40	0.705 276	9.991 723	2	849	
152	9.286 484	38	9.294 763	39	0.705 237	9.991 721	1	848	
153	9.286 523	39	9.294 803	40	0.705 197	9.991 720	2	847	
154	9.286 561	38	9.294 843	40	0.705 157	9.991 718	1	846	
155	9.286 600	39	9.294 883	40	0.705 117	9.991 717	2	845	
156	9.286 638	38	9.294 923	40	0.705 077	9.991 715	1	844	
157	9.286 677	39	9.294 963	40	0.705 037	9.991 714	2	843	40
158	9.286 715	38	9.295 003	40	0.704 997	9.991 712	1	842	1 4.0
159	9.286 754	39	9.295 043	40	0.704 957	9.991 711	2	841	2 8.0
.160	9.286 792	38	9.295 083	40	0.704 917	9.991 709	1	.840	3 12.0
161	9.286 830	39	9.295 123	40	0.704 877	9.991 708	2	839	4 16.0
162	9.286 869	38	9.295 163	40	0.704 837	9.991 706	1	838	5 20.0
163	9.286 907	39	9.295 203	40	0.704 797	9.991 705	2	837	6 24.0
164	9.286 946	38	9.295 243	40	0.704 757	9.991 703	1	836	7 28.0
165	9.286 984	39	9.295 282	40	0.704 718	9.991 702	2	835	8 32.0
166	9.287 022	38	9.295 322	40	0.704 678	9.991 700	1	834	9 36.0
167	9.287 061	39	9.295 362	40	0.704 638	9.991 699	2	833	
168	9.287 099	38	9.295 402	40	0.704 598	9.991 697	1	832	
169	9.287 138	39	9.295 442	40	0.704 558	9.991 696	2	831	
.170	9.287 176	38	9.295 482	40	0.704 518	9.991 694	1	.830	
171	9.287 214	39	9.295 522	40	0.704 478	9.991 693	2	829	39
172	9.287 253	38	9.295 562	40	0.704 438	9.991 691	1	828	1 3.9
173	9.287 291	39	9.295 602	40	0.704 398	9.991 690	2	827	2 7.8
174	9.287 330	38	9.295 641	39	0.704 359	9.991 688	1	826	3 11.7
175	9.287 368	39	9.295 681	40	0.704 319	9.991 687	2	825	4 15.6
176	9.287 406	38	9.295 721	40	0.704 279	9.991 685	1	824	5 19.5
177	9.287 445	39	9.295 761	40	0.704 239	9.991 684	2	823	6 23.4
178	9.287 483	38	9.295 801	40	0.704 199	9.991 682	1	822	7 27.3
179	9.287 521	39	9.295 841	40	0.704 159	9.991 681	2	821	8 31.2
.180	9.287 560	38	9.295 881	40	0.704 119	9.991 679	1	.820	9 35.1
181	9.287 598	39	9.295 920	40	0.704 080	9.991 678	2	819	
182	9.287 636	38	9.295 960	40	0.704 040	9.991 676	1	818	
183	9.287 675	39	9.296 000	40	0.704 000	9.991 675	2	817	
184	9.287 713	38	9.296 040	40	0.703 960	9.991 673	1	816	
185	9.287 751	39	9.296 080	40	0.703 920	9.991 672	2	815	
186	9.287 790	38	9.296 120	40	0.703 880	9.991 670	1	814	38
187	9.287 828	39	9.296 159	40	0.703 841	9.991 669	2	813	1 3.8
188	9.287 866	38	9.296 199	40	0.703 801	9.991 667	1	812	2 7.6
189	9.287 905	39	9.296 239	40	0.703 761	9.991 666	2	811	3 11.4
.190	9.287 943	38	9.296 279	40	0.703 721	9.991 664	1	.810	4 15.2
191	9.287 981	39	9.296 319	40	0.703 681	9.991 663	2	809	5 19.0
192	9.288 020	38	9.296 359	40	0.703 641	9.991 661	1	808	6 22.8
193	9.288 058	39	9.296 398	40	0.703 602	9.991 660	2	807	7 26.6
194	9.288 096	38	9.296 438	40	0.703 562	9.991 658	1	806	8 30.4
195	9.288 135	39	9.296 478	40	0.703 522	9.991 657	2	805	9 34.2
196	9.288 173	38	9.296 518	40	0.703 482	9.991 655	1	804	
197	9.288 211	39	9.296 558	40	0.703 442	9.991 654	2	803	
198	9.288 249	38	9.296 597	39	0.703 403	9.991 652	1	802	
199	9.288 288	39	9.296 637	40	0.703 363	9.991 651	2	801	
.200	9.288 326	38	9.296 677	40	0.703 323	9.991 649	1	.800	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.850 — 78°.800

11°.200 — 11°.250

11°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.288 326	38	9.296 677	40	0.703 323	9.991 649	1	.800	
201	9.288 364	39	9.296 717	39	0.703 283	9.991 648	2	799	
202	9.288 403	38	9.296 756	40	0.703 244	9.991 646	1	798	
203	9.288 441	38	9.296 796	40	0.703 204	9.991 645	2	797	
204	9.288 479	38	9.296 836	40	0.703 164	9.991 643	1	796	
205	9.288 517	39	9.296 876	40	0.703 124	9.991 642	2	795	
206	9.288 556	38	9.296 916	39	0.703 084	9.991 640	1	794	
207	9.288 594	38	9.296 955	40	0.703 045	9.991 639	2	793	40
208	9.288 632	38	9.296 995	40	0.703 005	9.991 637	1	792	1 4.0
209	9.288 670	39	9.297 035	40	0.702 965	9.991 636	2	791	2 8.0
.210	9.288 709	38	9.297 075	39	0.702 925	9.991 634	1	.790	3 12.0
211	9.288 747	38	9.297 114	40	0.702 886	9.991 633	2	789	4 16.0
212	9.288 785	38	9.297 154	40	0.702 846	9.991 631	1	788	5 20.0
213	9.288 823	39	9.297 194	40	0.702 806	9.991 630	2	787	6 24.0
214	9.288 862	38	9.297 234	39	0.702 766	9.991 628	1	786	7 28.0
215	9.288 900	38	9.297 273	40	0.702 727	9.991 627	2	785	8 32.0
216	9.288 938	38	9.297 313	40	0.702 687	9.991 625	1	784	9 36.0
217	9.288 976	39	9.297 353	39	0.702 647	9.991 624	2	783	
218	9.289 015	38	9.297 392	40	0.702 608	9.991 622	1	782	
219	9.289 053	38	9.297 432	40	0.702 568	9.991 621	2	781	
.220	9.289 091	38	9.297 472	40	0.702 528	9.991 619	1	.780	
221	9.289 129	38	9.297 512	39	0.702 488	9.991 618	2	779	39
222	9.289 167	39	9.297 551	40	0.702 449	9.991 616	1	778	1 3.9
223	9.289 206	38	9.297 591	40	0.702 409	9.991 615	2	777	2 7.8
224	9.289 244	38	9.297 631	39	0.702 369	9.991 613	1	776	3 11.7
225	9.289 282	38	9.297 670	40	0.702 330	9.991 612	2	775	4 15.6
226	9.289 320	38	9.297 710	40	0.702 290	9.991 610	1	774	5 19.5
227	9.289 358	39	9.297 750	39	0.702 250	9.991 609	2	773	6 23.4
228	9.289 397	38	9.297 789	40	0.702 211	9.991 607	1	772	7 27.3
229	9.289 435	38	9.297 829	40	0.702 171	9.991 606	2	771	8 31.2
.230	9.289 473	38	9.297 869	40	0.702 131	9.991 604	1	.770	9 35.1
231	9.289 511	38	9.297 909	39	0.702 091	9.991 603	2	769	
232	9.289 549	38	9.297 948	40	0.702 052	9.991 601	1	768	
233	9.289 587	39	9.297 988	40	0.702 012	9.991 600	2	767	
234	9.289 626	38	9.298 028	39	0.701 972	9.991 598	1	766	
235	9.289 664	38	9.298 067	40	0.701 933	9.991 597	2	765	
236	9.289 702	38	9.298 107	40	0.701 893	9.991 595	1	764	38
237	9.289 740	38	9.298 147	39	0.701 853	9.991 594	2	763	1 3.8
238	9.289 778	38	9.298 186	40	0.701 814	9.991 592	1	762	2 7.6
239	9.289 816	39	9.298 226	39	0.701 774	9.991 591	2	761	3 11.4
.240	9.289 854	38	9.298 265	40	0.701 735	9.991 589	1	.760	4 15.2
241	9.289 893	38	9.298 305	40	0.701 695	9.991 588	2	759	5 19.0
242	9.289 931	38	9.298 345	39	0.701 655	9.991 586	1	758	6 22.8
243	9.289 969	38	9.298 384	40	0.701 616	9.991 584	2	757	7 26.6
244	9.290 007	38	9.298 424	40	0.701 576	9.991 583	1	756	8 30.4
245	9.290 045	38	9.298 464	39	0.701 536	9.991 581	2	755	9 34.2
246	9.290 083	38	9.298 503	40	0.701 497	9.991 580	1	754	
247	9.290 121	39	9.298 543	40	0.701 457	9.991 578	2	753	
248	9.290 160	38	9.298 583	39	0.701 417	9.991 577	1	752	
249	9.290 198	38	9.298 622	40	0.701 378	9.991 575	2	751	
.250	9.290 236	38	9.298 662	40	0.701 338	9.991 574	1	.750	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

11°.250 — 11°.300

11°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.290 236		9.298 662		0.701 338	9.991 574		.750	
251	9.290 274	38	9.298 701	39	0.701 299	9.991 572	2	749	
252	9.290 312	38	9.298 741	40	0.701 259	9.991 571	1	748	
253	9.290 350	38	9.298 781	40	0.701 219	9.991 569	2	747	
254	9.290 388	38	9.298 820	39	0.701 180	9.991 568	1	746	
255	9.290 426	38	9.298 860	40	0.701 140	9.991 566	2	745	
256	9.290 464	38	9.298 899	39	0.701 101	9.991 565	1	744	
257	9.290 502	38	9.298 939	40	0.701 061	9.991 563	2	743	40
258	9.290 540	38	9.298 979	40	0.701 021	9.991 562	1	742	1 4.0
259	9.290 579	39	9.299 018	39	0.700 982	9.991 560	2	741	2 8.0
.260	9.290 617	38	9.299 058	40	0.700 942	9.991 559	1	.740	3 12.0
261	9.290 655	38	9.299 097	39	0.700 903	9.991 557	2	739	4 16.0
262	9.290 693	38	9.299 137	40	0.700 863	9.991 556	1	738	5 20.0
263	9.290 731	38	9.299 176	39	0.700 824	9.991 554	2	737	6 24.0
264	9.290 769	38	9.299 216	40	0.700 784	9.991 553	1	736	7 28.0
265	9.290 807	38	9.299 256	40	0.700 744	9.991 551	2	735	8 32.0
266	9.290 845	38	9.299 295	39	0.700 705	9.991 550	1	734	9 36.0
267	9.290 883	38	9.299 335	40	0.700 665	9.991 548	2	733	
268	9.290 921	38	9.299 374	39	0.700 626	9.991 547	1	732	
269	9.290 959	38	9.299 414	40	0.700 586	9.991 545	2	731	
.270	9.290 997	38	9.299 453	39	0.700 547	9.991 544	1	.730	
271	9.291 035	38	9.299 493	40	0.700 507	9.991 542	2	729	39
272	9.291 073	38	9.299 532	39	0.700 468	9.991 541	1	728	1 3.9
273	9.291 111	38	9.299 572	40	0.700 428	9.991 539	2	727	2 7.8
274	9.291 149	38	9.299 612	40	0.700 388	9.991 538	1	726	3 11.7
275	9.291 187	38	9.299 651	39	0.700 349	9.991 536	2	725	4 15.6
276	9.291 225	38	9.299 691	40	0.700 309	9.991 535	1	724	5 19.5
277	9.291 263	38	9.299 730	39	0.700 270	9.991 533	2	723	6 23.4
278	9.291 301	38	9.299 770	40	0.700 230	9.991 532	1	722	7 27.3
279	9.291 339	38	9.299 809	39	0.700 191	9.991 530	2	721	8 31.2
.280	9.291 377	38	9.299 849	40	0.700 151	9.991 529	1	.720	9 35.1
281	9.291 415	38	9.299 888	39	0.700 112	9.991 527	2	719	
282	9.291 453	38	9.299 928	40	0.700 072	9.991 526	1	718	
283	9.291 491	38	9.299 967	39	0.700 033	9.991 524	2	717	
284	9.291 529	38	9.300 007	40	0.699 993	9.991 523	1	716	
285	9.291 567	38	9.300 046	39	0.699 954	9.991 521	2	715	
286	9.291 605	38	9.300 086	40	0.699 914	9.991 520	1	714	
287	9.291 643	38	9.300 125	39	0.699 875	9.991 518	2	713	38
288	9.291 681	38	9.300 165	40	0.699 835	9.991 517	1	712	1 3.8
289	9.291 719	38	9.300 204	39	0.699 796	9.991 515	2	711	2 7.6
.290	9.291 757	38	9.300 244	40	0.699 756	9.991 514	1	.710	3 11.4
291	9.291 795	38	9.300 283	39	0.699 717	9.991 512	2	709	4 15.2
292	9.291 833	38	9.300 323	40	0.699 677	9.991 510	1	708	5 19.0
293	9.291 871	38	9.300 362	39	0.699 638	9.991 509	2	707	6 22.8
294	9.291 909	38	9.300 402	40	0.699 598	9.991 507	1	706	7 26.6
295	9.291 947	38	9.300 441	39	0.699 559	9.991 506	2	705	8 30.4
296	9.291 985	38	9.300 481	40	0.699 519	9.991 504	1	704	9 34.2
297	9.292 023	38	9.300 520	39	0.699 480	9.991 503	2	703	
298	9.292 061	38	9.300 559	39	0.699 441	9.991 501	1	702	
299	9.292 099	38	9.300 599	40	0.699 401	9.991 500	2	701	
.300	9.292 137	38	9.300 638	39	0.699 362	9.991 498	1	.700	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.750 — 78°.700

11°.300 — 11°.350

11°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.292 137		9.300 638		0.699 362	9.991 498		.700	
301	9.292 175	38	9.300 678	40	0.699 322	9.991 497	1	699	
302	9.292 213	38	9.300 717	39	0.699 283	9.991 495	2	698	
303	9.292 251	38	9.300 757	40	0.699 243	9.991 494	1	697	
304	9.292 288	37	9.300 796	39	0.699 204	9.991 492	2	696	40
305	9.292 326	38	9.300 836	40	0.699 164	9.991 491	1	695	1 4.0
306	9.292 364	38	9.300 875	39	0.699 125	9.991 489	2	694	2 8.0
307	9.292 402	38	9.300 914	39	0.699 086	9.991 488	1	693	3 12.0
308	9.292 440	38	9.300 954	40	0.699 046	9.991 486	2	692	4 16.0
309	9.292 478	38	9.300 993	39	0.699 007	9.991 485	1	691	5 20.0
.310	9.292 516	38	9.301 033	40	0.698 967	9.991 483	2	.690	6 24.0
311	9.292 554	38	9.301 072	39	0.698 928	9.991 482	1	689	7 28.0
312	9.292 592	38	9.301 111	39	0.698 889	9.991 480	2	688	8 32.0
313	9.292 630	38	9.301 151	40	0.698 849	9.991 479	1	687	9 36.0
314	9.292 667	37	9.301 190	39	0.698 810	9.991 477	2	686	
315	9.292 705	38	9.301 230	40	0.698 770	9.991 476	1	685	
316	9.292 743	38	9.301 269	39	0.698 731	9.991 474	2	684	39
317	9.292 781	38	9.301 308	39	0.698 692	9.991 473	1	683	1 3.9
318	9.292 819	38	9.301 348	40	0.698 652	9.991 471	2	682	2 7.8
319	9.292 857	38	9.301 387	39	0.698 613	9.991 470	1	681	3 11.7
.320	9.292 895	38	9.301 427	40	0.698 573	9.991 468	2	.680	4 15.6
321	9.292 933	38	9.301 466	39	0.698 534	9.991 467	1	679	5 19.5
322	9.292 970	37	9.301 505	39	0.698 495	9.991 465	2	678	6 23.4
323	9.293 008	38	9.301 545	40	0.698 455	9.991 464	1	677	7 27.3
324	9.293 046	38	9.301 584	39	0.698 416	9.991 462	2	676	8 31.2
325	9.293 084	38	9.301 624	40	0.698 376	9.991 460	1	675	9 35.1
326	9.293 122	38	9.301 663	39	0.698 337	9.991 459	2	674	
327	9.293 160	38	9.301 702	39	0.698 298	9.991 457	2	673	
328	9.293 198	38	9.301 742	40	0.698 258	9.991 456	1	672	38
329	9.293 235	37	9.301 781	39	0.698 219	9.991 454	2	671	1 3.8
.330	9.293 273	38	9.301 820	39	0.698 180	9.991 453	1	.670	2 7.6
331	9.293 311	38	9.301 860	40	0.698 140	9.991 451	2	669	3 11.4
332	9.293 349	38	9.301 899	39	0.698 101	9.991 450	1	668	4 15.2
333	9.293 387	38	9.301 938	39	0.698 062	9.991 448	2	667	5 19.0
334	9.293 424	37	9.301 978	40	0.698 022	9.991 447	1	666	6 22.8
335	9.293 462	38	9.302 017	39	0.697 983	9.991 445	2	665	7 26.6
336	9.293 500	38	9.302 056	39	0.697 944	9.991 444	1	664	8 30.4
337	9.293 538	38	9.302 096	40	0.697 904	9.991 442	2	663	9 34.2
338	9.293 576	38	9.302 135	39	0.697 865	9.991 441	1	662	
339	9.293 614	38	9.302 174	39	0.697 826	9.991 439	2	661	
.340	9.293 651	37	9.302 214	40	0.697 786	9.991 438	1	.660	37
341	9.293 689	38	9.302 253	39	0.697 747	9.991 436	2	659	1 3.7
342	9.293 727	38	9.302 292	39	0.697 708	9.991 435	1	658	2 7.4
343	9.293 765	38	9.302 332	40	0.697 668	9.991 433	2	657	3 11.1
344	9.293 802	37	9.302 371	39	0.697 629	9.991 432	1	656	4 14.8
345	9.293 840	38	9.302 410	39	0.697 590	9.991 430	2	655	5 18.5
346	9.293 878	38	9.302 449	39	0.697 551	9.991 429	1	654	6 22.2
347	9.293 916	38	9.302 489	40	0.697 511	9.991 427	2	653	7 25.9
348	9.293 954	38	9.302 528	39	0.697 472	9.991 426	1	652	8 29.6
349	9.293 991	37	9.302 567	39	0.697 433	9.991 424	2	651	9 33.3
.350	9.294 029	38	9.302 607	40	0.697 393	9.991 422	2	.650	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.700 — 78°.650

11°.350 — 11°.400

11°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.294 029		9.302 607		0.697 393	9.991 422		.650	
351	9.294 067	38	9.302 646	39	0.697 354	9.991 421	1	649	
352	9.294 105	38	9.302 685	39	0.697 315	9.991 419	2	648	
353	9.294 142	37	9.302 724	39	0.697 276	9.991 418	1	647	
		38		40			2		40
354	9.294 180	38	9.302 764	40	0.697 236	9.991 416	1	646	
355	9.294 218	38	9.302 803	39	0.697 197	9.991 415	2	645	1 4.0
356	9.294 256	38	9.302 842	39	0.697 158	9.991 413	1	644	2 8.0
		37		40			2		3 12.0
357	9.294 293	38	9.302 882	39	0.697 118	9.991 412	1	643	4 16.0
358	9.294 331	38	9.302 921	39	0.697 079	9.991 410	2	642	5 20.0
359	9.294 369	38	9.302 960	39	0.697 040	9.991 409	1	641	6 24.0
		38		39			2		7 28.0
.360	9.294 407	37	9.302 999	40	0.697 001	9.991 407	1	.640	8 32.0
361	9.294 444	38	9.303 039	39	0.696 961	9.991 406	2	639	9 36.0
362	9.294 482	38	9.303 078	39	0.696 922	9.991 404	1	638	
363	9.294 520	38	9.303 117	39	0.696 883	9.991 403	2	637	
		37		39			1		
364	9.294 557	38	9.303 156	40	0.696 844	9.991 401	2	636	
365	9.294 595	38	9.303 196	39	0.696 804	9.991 400	1	635	
366	9.294 633	38	9.303 235	39	0.696 765	9.991 398	2	634	39
		38		39			1		1 3.9
367	9.294 671	37	9.303 274	39	0.696 726	9.991 397	2	633	2 7.8
368	9.294 708	38	9.303 313	39	0.696 687	9.991 395	1	632	3 11.7
369	9.294 746	38	9.303 352	39	0.696 648	9.991 394	2	631	4 15.6
		38		40			1		5 19.5
.370	9.294 784	37	9.303 392	39	0.696 608	9.991 392	2	.630	6 23.4
371	9.294 821	38	9.303 431	39	0.696 569	9.991 390	1	629	7 27.3
372	9.294 859	38	9.303 470	39	0.696 530	9.991 389	2	628	8 31.2
373	9.294 897	37	9.303 509	39	0.696 491	9.991 387	1	627	9 35.1
		38		39			2		
374	9.294 934	38	9.303 548	40	0.696 452	9.991 386	1	626	
375	9.294 972	38	9.303 588	39	0.696 412	9.991 384	2	625	
376	9.295 010	38	9.303 627	39	0.696 373	9.991 383	1	624	
		37		39			2		
377	9.295 047	38	9.303 666	39	0.696 334	9.991 381	1	623	38
378	9.295 085	38	9.303 705	39	0.696 295	9.991 380	2	622	1 3.8
379	9.295 123	38	9.303 744	39	0.696 256	9.991 378	1	621	2 7.6
		37		40			2		3 11.4
.380	9.295 160	38	9.303 784	39	0.696 216	9.991 377	1	.620	4 15.2
381	9.295 198	38	9.303 823	39	0.696 177	9.991 375	2	619	5 19.0
382	9.295 236	37	9.303 862	39	0.696 138	9.991 374	1	618	6 22.8
383	9.295 273	38	9.303 901	39	0.696 099	9.991 372	2	617	7 26.6
		38		39			1		8 30.4
384	9.295 311	38	9.303 940	40	0.696 060	9.991 371	2	616	9 34.2
385	9.295 349	37	9.303 980	39	0.696 020	9.991 369	1	615	
386	9.295 386	38	9.304 019	39	0.695 981	9.991 368	2	614	
		38		39			1		
387	9.295 424	38	9.304 058	39	0.695 942	9.991 366	2	613	
388	9.295 462	37	9.304 097	39	0.695 903	9.991 365	1	612	
389	9.295 499	38	9.304 136	39	0.695 864	9.991 363	2	611	
		38		39			1		37
.390	9.295 537	37	9.304 175	40	0.695 825	9.991 362	2	.610	1 3.7
391	9.295 574	38	9.304 215	39	0.695 785	9.991 360	1	609	2 7.4
392	9.295 612	38	9.304 254	39	0.695 746	9.991 358	2	608	3 11.1
393	9.295 650	38	9.304 293	39	0.695 707	9.991 357	1	607	4 14.8
		37		39			2		5 18.5
394	9.295 687	38	9.304 332	39	0.695 668	9.991 355	1	606	6 22.2
395	9.295 725	38	9.304 371	39	0.695 629	9.991 354	2	605	7 25.9
396	9.295 763	38	9.304 410	39	0.695 590	9.991 352	1	604	8 29.6
		37		39			2		9 33.3
397	9.295 800	38	9.304 449	39	0.695 551	9.991 351	1	603	
398	9.295 838	38	9.304 488	39	0.695 512	9.991 349	2	602	
399	9.295 875	37	9.304 528	40	0.695 472	9.991 348	1	601	
		38		39			2		
.400	9.295 913		9.304 567		0.695 433	9.991 346		.600	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.650 — 78°.600

11°.400 — 11°.450

11°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.295 913		9.304 567		0.695 433	9.991 346		.600	
401	9.295 951	38	9.304 606	39	0.695 394	9.991 345	1	599	
402	9.295 988	37	9.304 645	39	0.695 355	9.991 343	2	598	
403	9.296 026	38	9.304 684	39	0.695 316	9.991 342	1	597	
404	9.296 063	37	9.304 723	39	0.695 277	9.991 340	2	596	40
405	9.296 101	38	9.304 762	39	0.695 238	9.991 339	1	595	1 4.0
406	9.296 138	37	9.304 801	39	0.695 199	9.991 337	2	594	2 8.0
407	9.296 176	38	9.304 840	39	0.695 160	9.991 336	1	593	3 12.0
408	9.296 214	38	9.304 880	40	0.695 120	9.991 334	2	592	4 16.0
409	9.296 251	37	9.304 919	39	0.695 081	9.991 332	2	591	5 20.0
.410	9.296 289	38	9.304 958	39	0.695 042	9.991 331	1	.590	6 24.0
411	9.296 326	37	9.304 997	39	0.695 003	9.991 329	2	589	7 28.0
412	9.296 364	38	9.305 036	39	0.694 964	9.991 328	1	588	8 32.0
413	9.296 401	37	9.305 075	39	0.694 925	9.991 326	2	587	9 36.0
414	9.296 439	38	9.305 114	39	0.694 886	9.991 325	1	586	
415	9.296 476	37	9.305 153	39	0.694 847	9.991 323	2	585	
416	9.296 514	38	9.305 192	39	0.694 808	9.991 322	1	584	39
417	9.296 552	38	9.305 231	39	0.694 769	9.991 320	2	583	1 3.9
418	9.296 589	37	9.305 270	39	0.694 730	9.991 319	1	582	2 7.8
419	9.296 627	38	9.305 309	39	0.694 691	9.991 317	2	581	3 11.7
.420	9.296 664	37	9.305 348	39	0.694 652	9.991 316	1	.580	4 15.6
421	9.296 702	38	9.305 388	40	0.694 612	9.991 314	2	579	5 19.5
422	9.296 739	37	9.305 427	39	0.694 573	9.991 313	1	578	6 23.4
423	9.296 777	38	9.305 466	39	0.694 534	9.991 311	2	577	7 27.3
424	9.296 814	37	9.305 505	39	0.694 495	9.991 310	1	576	8 31.2
425	9.296 852	38	9.305 544	39	0.694 456	9.991 308	2	575	9 35.1
426	9.296 889	37	9.305 583	39	0.694 417	9.991 306	2	574	
427	9.296 927	38	9.305 622	39	0.694 378	9.991 305	1	573	
428	9.296 964	37	9.305 661	39	0.694 339	9.991 303	2	572	38
429	9.297 002	38	9.305 700	39	0.694 300	9.991 302	1	571	1 3.8
.430	9.297 039	37	9.305 739	39	0.694 261	9.991 300	2	.570	2 7.6
431	9.297 077	38	9.305 778	39	0.694 222	9.991 299	1	569	3 11.4
432	9.297 114	37	9.305 817	39	0.694 183	9.991 297	2	568	4 15.2
433	9.297 152	38	9.305 856	39	0.694 144	9.991 296	1	567	5 19.0
434	9.297 189	37	9.305 895	39	0.694 105	9.991 294	2	566	6 22.8
435	9.297 227	38	9.305 934	39	0.694 066	9.991 293	1	565	7 26.6
436	9.297 264	37	9.305 973	39	0.694 027	9.991 291	2	564	8 30.4
437	9.297 302	38	9.306 012	39	0.693 988	9.991 290	1	563	9 34.2
438	9.297 339	37	9.306 051	39	0.693 949	9.991 288	2	562	
439	9.297 376	37	9.306 090	39	0.693 910	9.991 287	1	561	
.440	9.297 414	38	9.306 129	39	0.693 871	9.991 285	2	.560	37
441	9.297 451	37	9.306 168	39	0.693 832	9.991 283	2	559	1 3.7
442	9.297 489	38	9.306 207	39	0.693 793	9.991 282	1	558	2 7.4
443	9.297 526	37	9.306 246	39	0.693 754	9.991 280	2	557	3 11.1
444	9.297 564	38	9.306 285	39	0.693 715	9.991 279	1	556	4 14.8
445	9.297 601	37	9.306 324	39	0.693 676	9.991 277	2	555	5 18.5
446	9.297 639	38	9.306 363	39	0.693 637	9.991 276	1	554	6 22.2
447	9.297 676	37	9.306 402	39	0.693 598	9.991 274	2	553	7 25.9
448	9.297 713	37	9.306 441	39	0.693 559	9.991 273	1	552	8 29.6
449	9.297 751	38	9.306 480	39	0.693 520	9.991 271	2	551	9 33.3
.450	9.297 788	37	9.306 519	39	0.693 481	9.991 270	1	.550	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.600 — 78°.550

11°.450 — 11°.500

11°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.297 788		9.306 519		0.693 481	9.991 270		.550	
451	9.297 826	38	9.306 558	39	0.693 442	9.991 268	2	549	
452	9.297 863	37	9.306 597	39	0.693 403	9.991 267	1	548	
453	9.297 901	38	9.306 636	39	0.693 364	9.991 265	2	547	
454	9.297 938	37	9.306 674	38	0.693 326	9.991 263	2	546	
455	9.297 975	37	9.306 713	39	0.693 287	9.991 262	1	545	
456	9.298 013	38	9.306 752	39	0.693 248	9.991 260	2	544	
457	9.298 050	37	9.306 791	39	0.693 209	9.991 259	1	543	39
458	9.298 088	38	9.306 830	39	0.693 170	9.991 257	2	542	1 3.9
459	9.298 125	37	9.306 869	39	0.693 131	9.991 256	1	541	2 7.8
.460	9.298 162	37	9.306 908	39	0.693 092	9.991 254	2	.540	
461	9.298 200	38	9.306 947	39	0.693 053	9.991 253	1	539	3 11.7
462	9.298 237	37	9.306 986	39	0.693 014	9.991 251	2	538	4 15.6
463	9.298 275	38	9.307 025	39	0.692 975	9.991 250	1	537	5 19.5
464	9.298 312	37	9.307 064	39	0.692 936	9.991 248	2	536	6 23.4
465	9.298 349	37	9.307 103	39	0.692 897	9.991 247	1	535	7 27.3
466	9.298 387	38	9.307 142	39	0.692 858	9.991 245	2	534	8 31.2
467	9.298 424	37	9.307 181	39	0.692 819	9.991 244	1	533	9 35.1
468	9.298 461	37	9.307 219	38	0.692 781	9.991 242	2	532	
469	9.298 499	38	9.307 258	39	0.692 742	9.991 240	2	531	
.470	9.298 536	37	9.307 297	39	0.692 703	9.991 239	1	.530	
471	9.298 573	37	9.307 336	39	0.692 664	9.991 237	2	529	38
472	9.298 611	38	9.307 375	39	0.692 625	9.991 236	1	528	1 3.8
473	9.298 648	37	9.307 414	39	0.692 586	9.991 234	2	527	2 7.6
474	9.298 686	38	9.307 453	39	0.692 547	9.991 233	1	526	3 11.4
475	9.298 723	37	9.307 492	39	0.692 508	9.991 231	2	525	4 15.2
476	9.298 760	37	9.307 531	39	0.692 469	9.991 230	1	524	5 19.0
477	9.298 798	38	9.307 569	38	0.692 431	9.991 228	2	523	6 22.8
478	9.298 835	37	9.307 608	39	0.692 392	9.991 227	1	522	7 26.6
479	9.298 872	37	9.307 647	39	0.692 353	9.991 225	2	521	8 30.4
.480	9.298 910	38	9.307 686	39	0.692 314	9.991 224	1	.520	
481	9.298 947	37	9.307 725	39	0.692 275	9.991 222	2	519	
482	9.298 984	37	9.307 764	39	0.692 236	9.991 220	2	518	
483	9.299 021	37	9.307 803	39	0.692 197	9.991 219	1	517	
484	9.299 059	38	9.307 841	38	0.692 159	9.991 217	2	516	
485	9.299 096	37	9.307 880	39	0.692 120	9.991 216	1	515	
486	9.299 133	37	9.307 919	39	0.692 081	9.991 214	2	514	
487	9.299 171	38	9.307 958	39	0.692 042	9.991 213	1	513	37
488	9.299 208	37	9.307 997	39	0.692 003	9.991 211	2	512	1 3.7
489	9.299 245	37	9.308 036	39	0.691 964	9.991 210	1	511	2 7.4
.490	9.299 283	38	9.308 074	38	0.691 926	9.991 208	2	.510	
491	9.299 320	37	9.308 113	39	0.691 887	9.991 207	1	509	3 11.1
492	9.299 357	37	9.308 152	39	0.691 848	9.991 205	2	508	4 14.8
493	9.299 394	37	9.308 191	39	0.691 809	9.991 203	2	507	5 18.5
494	9.299 432	38	9.308 230	39	0.691 770	9.991 202	1	506	6 22.2
495	9.299 469	37	9.308 269	39	0.691 731	9.991 200	2	505	7 25.9
496	9.299 506	37	9.308 307	38	0.691 693	9.991 199	2	504	8 29.6
497	9.299 544	38	9.308 346	39	0.691 654	9.991 197	1	503	9 33.3
498	9.299 581	37	9.308 385	39	0.691 615	9.991 196	2	502	
499	9.299 618	37	9.308 424	39	0.691 576	9.991 194	1	501	
.500	9.299 655	37	9.308 463	39	0.691 537	9.991 193	2	.500	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.550 — 78°.500

11°.500 — 11°.550

11°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.299 655	38	9.308 463	38	0.691 537	9.991 193	2	.500	
501	9.299 693	37	9.308 501	38	0.691 499	9.991 191	1	499	
502	9.299 730	37	9.308 540	39	0.691 460	9.991 190	2	498	
503	9.299 767	37	9.308 579	39	0.691 421	9.991 188	1	497	
504	9.299 804	37	9.308 618	39	0.691 382	9.991 187	1	496	
505	9.299 842	38	9.308 657	39	0.691 343	9.991 185	2	495	
506	9.299 879	37	9.308 695	38	0.691 305	9.991 183	2	494	
507	9.299 916	37	9.308 734	39	0.691 266	9.991 182	1	493	39
508	9.299 953	37	9.308 773	39	0.691 227	9.991 180	2	492	1 3.9
509	9.299 990	37	9.308 812	39	0.691 188	9.991 179	1	491	2 7.8
.510	9.300 028	38	9.308 850	38	0.691 150	9.991 177	2	.490	3 11.7
511	9.300 065	37	9.308 889	39	0.691 111	9.991 176	1	489	4 15.6
512	9.300 102	37	9.308 928	39	0.691 072	9.991 174	2	488	5 19.5
513	9.300 139	37	9.308 967	39	0.691 033	9.991 173	1	487	6 23.4
514	9.300 177	38	9.309 005	38	0.690 995	9.991 171	2	486	7 27.3
515	9.300 214	37	9.309 044	39	0.690 956	9.991 170	1	485	8 31.2
516	9.300 251	37	9.309 083	39	0.690 917	9.991 168	2	484	9 35.1
517	9.300 288	37	9.309 122	39	0.690 878	9.991 166	2	483	
518	9.300 325	37	9.309 160	38	0.690 840	9.991 165	1	482	
519	9.300 363	38	9.309 199	39	0.690 801	9.991 163	2	481	
.520	9.300 400	37	9.309 238	39	0.690 762	9.991 162	1	.480	
521	9.300 437	37	9.309 277	39	0.690 723	9.991 160	2	479	38
522	9.300 474	37	9.309 315	38	0.690 685	9.991 159	1	478	1 3.8
523	9.300 511	37	9.309 354	39	0.690 646	9.991 157	2	477	2 7.6
524	9.300 549	38	9.309 393	39	0.690 607	9.991 156	1	476	3 11.4
525	9.300 586	37	9.309 432	39	0.690 568	9.991 154	2	475	4 15.2
526	9.300 623	37	9.309 470	38	0.690 530	9.991 153	1	474	5 19.0
527	9.300 660	37	9.309 509	39	0.690 491	9.991 151	2	473	6 22.8
528	9.300 697	37	9.309 548	39	0.690 452	9.991 149	2	472	7 26.6
529	9.300 734	37	9.309 586	38	0.690 414	9.991 148	1	471	8 30.4
.530	9.300 772	38	9.309 625	39	0.690 375	9.991 146	2	.470	9 34.2
531	9.300 809	37	9.309 664	39	0.690 336	9.991 145	1	469	
532	9.300 846	37	9.309 703	39	0.690 297	9.991 143	2	468	
533	9.300 883	37	9.309 741	38	0.690 259	9.991 142	1	467	
534	9.300 920	37	9.309 780	39	0.690 220	9.991 140	2	466	
535	9.300 957	37	9.309 819	39	0.690 181	9.991 139	1	465	
536	9.300 994	37	9.309 857	38	0.690 143	9.991 137	2	464	
537	9.301 032	38	9.309 896	39	0.690 104	9.991 136	1	463	37
538	9.301 069	37	9.309 935	39	0.690 065	9.991 134	2	462	1 3.7
539	9.301 106	37	9.309 973	38	0.690 027	9.991 132	1	461	2 7.4
.540	9.301 143	37	9.310 012	39	0.689 988	9.991 131	2	.460	3 11.1
541	9.301 180	37	9.310 051	39	0.689 949	9.991 129	1	459	4 14.8
542	9.301 217	37	9.310 089	38	0.689 911	9.991 128	2	458	5 18.5
543	9.301 254	37	9.310 128	39	0.689 872	9.991 126	1	457	6 22.2
544	9.301 291	37	9.310 167	39	0.689 833	9.991 125	2	456	7 25.9
545	9.301 328	37	9.310 205	38	0.689 795	9.991 123	1	455	8 29.6
546	9.301 366	38	9.310 244	39	0.689 756	9.991 122	2	454	9 33.3
547	9.301 403	37	9.310 283	39	0.689 717	9.991 120	1	453	
548	9.301 440	37	9.310 321	38	0.689 679	9.991 119	2	452	
549	9.301 477	37	9.310 360	39	0.689 640	9.991 117	1	451	
.550	9.301 514	37	9.310 399	39	0.689 601	9.991 115	2	.450	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.500 — 78°.450

11°.550 — 11°.600

11°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.301 514		9.310 399		0.689 601	9.991 115		.450	
551	9.301 551	37	9.310 437	38	0.689 563	9.991 114	1	449	
552	9.301 588	37	9.310 476	39	0.689 524	9.991 112	2	448	
553	9.301 625	37	9.310 514	38	0.689 486	9.991 111	1	447	
							2		39
554	9.301 662	37	9.310 553	39	0.689 447	9.991 109	2	446	
555	9.301 699	37	9.310 592	39	0.689 408	9.991 108	1	445	1 3.9
556	9.301 736	37	9.310 630	38	0.689 370	9.991 106	2	444	2 7.8
		38		39			1		3 11.7
557	9.301 774	37	9.310 669	39	0.689 331	9.991 105	2	443	4 15.6
558	9.301 811	37	9.310 708	39	0.689 292	9.991 103	2	442	5 19.5
559	9.301 848	37	9.310 746	38	0.689 254	9.991 101	2	441	6 23.4
							1		7 27.3
.560	9.301 885	37	9.310 785	39	0.689 215	9.991 100	2	.440	8 31.2
		37		38			1		9 35.1
561	9.301 922	37	9.310 823	39	0.689 177	9.991 098	2	439	
562	9.301 959	37	9.310 862	39	0.689 138	9.991 097	1	438	
563	9.301 996	37	9.310 901	39	0.689 099	9.991 095	2	437	
		37		38			1		
564	9.302 033	37	9.310 939	39	0.689 061	9.991 094	2	436	
565	9.302 070	37	9.310 978	39	0.689 022	9.991 092	2	435	
566	9.302 107	37	9.311 016	38	0.688 984	9.991 091	1	434	38
		37		39			2		
567	9.302 144	37	9.311 055	39	0.688 945	9.991 089	1	433	1 3.8
568	9.302 181	37	9.311 094	39	0.688 906	9.991 088	2	432	2 7.6
569	9.302 218	37	9.311 132	38	0.688 868	9.991 086	2	431	3 11.4
							2		4 15.2
.570	9.302 255	37	9.311 171	39	0.688 829	9.991 084	2	.430	5 19.0
		37		38			1		6 22.8
571	9.302 292	37	9.311 209	39	0.688 791	9.991 083	2	429	7 26.6
572	9.302 329	37	9.311 248	39	0.688 752	9.991 081	2	428	8 30.4
573	9.302 366	37	9.311 286	38	0.688 714	9.991 080	1	427	9 34.2
		37		39			2		
574	9.302 403	37	9.311 325	39	0.688 675	9.991 078	1	426	
575	9.302 440	37	9.311 364	39	0.688 636	9.991 077	2	425	
576	9.302 477	37	9.311 402	38	0.688 598	9.991 075	2	424	
		37		39			1		
577	9.302 514	37	9.311 441	39	0.688 559	9.991 074	2	423	37
578	9.302 551	37	9.311 479	38	0.688 521	9.991 072	2	422	
579	9.302 588	37	9.311 518	39	0.688 482	9.991 070	2	421	1 3.7
							1		2 7.4
.580	9.302 625	37	9.311 556	38	0.688 444	9.991 069	2	.420	3 11.1
		37		39			1		4 14.8
581	9.302 662	37	9.311 595	38	0.688 405	9.991 067	2	419	5 18.5
582	9.302 699	37	9.311 633	39	0.688 367	9.991 066	2	418	6 22.2
583	9.302 736	37	9.311 672	39	0.688 328	9.991 064	2	417	7 25.9
		37		38			1		8 29.6
584	9.302 773	37	9.311 710	39	0.688 290	9.991 063	2	416	9 33.3
585	9.302 810	37	9.311 749	39	0.688 251	9.991 061	2	415	
586	9.302 847	37	9.311 788	39	0.688 212	9.991 060	1	414	
		37		38			2		
587	9.302 884	37	9.311 826	39	0.688 174	9.991 058	2	413	
588	9.302 921	37	9.311 865	39	0.688 135	9.991 056	2	412	
589	9.302 958	37	9.311 903	38	0.688 097	9.991 055	1	411	
							2		36
.590	9.302 995	37	9.311 942	39	0.688 058	9.991 053	2	.410	1 3.6
		37		38			1		2 7.2
591	9.303 032	37	9.311 980	39	0.688 020	9.991 052	2	409	3 10.8
592	9.303 069	37	9.312 019	39	0.687 981	9.991 050	2	408	4 14.4
593	9.303 106	37	9.312 057	38	0.687 943	9.991 049	1	407	5 18.0
		37		39			2		6 21.6
594	9.303 143	37	9.312 096	39	0.687 904	9.991 047	2	406	7 25.2
595	9.303 180	37	9.312 134	38	0.687 866	9.991 046	1	405	8 28.8
596	9.303 217	37	9.312 173	39	0.687 827	9.991 044	2	404	9 32.4
		37		38			2		
597	9.303 254	37	9.312 211	39	0.687 789	9.991 042	2	403	
598	9.303 291	37	9.312 250	39	0.687 750	9.991 041	1	402	
599	9.303 327	36	9.312 288	38	0.687 712	9.991 039	2	401	
							1		
.600	9.303 364	37	9.312 327	39	0.687 673	9.991 038	1	.400	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.450 — 78°.400

11°.600 — 11°.650

11°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.303 364		9.312 327		0.687 673	9.991 038		.400	
601	9.303 401	37	9.312 365	38	0.687 635	9.991 036	2	399	
602	9.303 438	37	9.312 404	39	0.687 596	9.991 035	1	398	
603	9.303 475	37	9.312 442	38	0.687 558	9.991 033	2	397	
604	9.303 512	37	9.312 480	38	0.687 520	9.991 032	1	396	39
605	9.303 549	37	9.312 519	39	0.687 481	9.991 030	2	395	1 3.9
606	9.303 586	37	9.312 557	38	0.687 443	9.991 028	2	394	2 7.8
607	9.303 623	37	9.312 596	39	0.687 404	9.991 027	1	393	3 11.7
608	9.303 660	37	9.312 634	38	0.687 366	9.991 025	2	392	4 15.6
609	9.303 697	37	9.312 673	39	0.687 327	9.991 024	1	391	5 19.5
.610	9.303 733	36	9.312 711	38	0.687 289	9.991 022	2	.390	6 23.4
611	9.303 770	37	9.312 750	39	0.687 250	9.991 021	1	389	7 27.3
612	9.303 807	37	9.312 788	38	0.687 212	9.991 019	2	388	8 31.2
613	9.303 844	37	9.312 827	39	0.687 173	9.991 018	1	387	9 35.1
614	9.303 881	37	9.312 865	38	0.687 135	9.991 016	2	386	
615	9.303 918	37	9.312 903	38	0.687 097	9.991 014	2	385	
616	9.303 955	37	9.312 942	39	0.687 058	9.991 013	1	384	38
617	9.303 992	37	9.312 980	38	0.687 020	9.991 011	2	383	1 3.8
618	9.304 029	37	9.313 019	39	0.686 981	9.991 010	1	382	2 7.6
619	9.304 065	36	9.313 057	38	0.686 943	9.991 008	2	381	3 11.4
.620	9.304 102	37	9.313 096	39	0.686 904	9.991 007	1	.380	4 15.2
621	9.304 139	37	9.313 134	38	0.686 866	9.991 005	2	379	5 19.0
622	9.304 176	37	9.313 172	38	0.686 828	9.991 004	1	378	6 22.8
623	9.304 213	37	9.313 211	39	0.686 789	9.991 002	2	377	7 26.6
624	9.304 250	37	9.313 249	38	0.686 751	9.991 000	2	376	8 30.4
625	9.304 287	37	9.313 288	39	0.686 712	9.990 999	1	375	9 34.2
626	9.304 323	36	9.313 326	38	0.686 674	9.990 997	2	374	
627	9.304 360	37	9.313 364	38	0.686 636	9.990 996	1	373	
628	9.304 397	37	9.313 403	39	0.686 597	9.990 994	2	372	37
629	9.304 434	37	9.313 441	38	0.686 559	9.990 993	1	371	1 3.7
.630	9.304 471	37	9.313 480	39	0.686 520	9.990 991	2	.370	2 7.4
631	9.304 508	37	9.313 518	38	0.686 482	9.990 990	1	369	3 11.1
632	9.304 544	36	9.313 556	38	0.686 444	9.990 988	2	368	4 14.8
633	9.304 581	37	9.313 595	39	0.686 405	9.990 986	2	367	5 18.5
634	9.304 618	37	9.313 633	38	0.686 367	9.990 985	1	366	6 22.2
635	9.304 655	37	9.313 672	39	0.686 328	9.990 983	2	365	7 25.9
636	9.304 692	37	9.313 710	38	0.686 290	9.990 982	1	364	8 29.6
637	9.304 728	36	9.313 748	38	0.686 252	9.990 980	2	363	9 33.3
638	9.304 765	37	9.313 787	39	0.686 213	9.990 979	1	362	
639	9.304 802	37	9.313 825	38	0.686 175	9.990 977	2	361	
.640	9.304 839	37	9.313 863	39	0.686 137	9.990 975	2	.360	36
641	9.304 876	37	9.313 902	38	0.686 098	9.990 974	1	359	1 3.6
642	9.304 912	36	9.313 940	38	0.686 060	9.990 972	2	358	2 7.2
643	9.304 949	37	9.313 978	38	0.686 022	9.990 971	1	357	3 10.8
644	9.304 986	37	9.314 017	39	0.685 983	9.990 969	2	356	4 14.4
645	9.305 023	37	9.314 055	38	0.685 945	9.990 968	1	355	5 18.0
646	9.305 060	37	9.314 093	38	0.685 907	9.990 966	2	354	6 21.6
647	9.305 096	36	9.314 132	39	0.685 868	9.990 965	1	353	7 25.2
648	9.305 133	37	9.314 170	38	0.685 830	9.990 963	2	352	8 28.8
649	9.305 170	37	9.314 208	38	0.685 792	9.990 961	2	351	9 32.4
.650	9.305 207	37	9.314 247	39	0.685 753	9.990 960	1	.350	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.400 — 78°.350

11°.650 — 11°.700

11°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.305 207		9.314 247		0.685 753	9.990 960		.350	
651	9.305 243	36	9.314 285	38	0.685 715	9.990 958	2	349	
652	9.305 280	37	9.314 323	38	0.685 677	9.990 957	1	348	
653	9.305 317	37	9.314 362	39	0.685 638	9.990 955	2	347	
654	9.305 354	37	9.314 400	38	0.685 600	9.990 954	1	346	39
655	9.305 390	36	9.314 438	38	0.685 562	9.990 952	2	345	1 3.9
656	9.305 427	37	9.314 477	39	0.685 523	9.990 950	2	344	2 7.8
657	9.305 464	37	9.314 515	38	0.685 485	9.990 949	1	343	3 11.7
658	9.305 501	37	9.314 553	38	0.685 447	9.990 947	2	342	4 15.6
659	9.305 537	36	9.314 592	39	0.685 408	9.990 946	1	341	5 19.5
.660	9.305 574	37	9.314 630	38	0.685 370	9.990 944	2	.340	6 23.4
661	9.305 611	37	9.314 668	38	0.685 332	9.990 943	1	339	7 27.3
662	9.305 648	37	9.314 706	38	0.685 294	9.990 941	2	338	8 31.2
663	9.305 684	36	9.314 745	39	0.685 255	9.990 940	1	337	9 35.1
664	9.305 721	37	9.314 783	38	0.685 217	9.990 938	2	336	
665	9.305 758	37	9.314 821	38	0.685 179	9.990 936	2	335	
666	9.305 794	36	9.314 860	39	0.685 140	9.990 935	1	334	38
667	9.305 831	37	9.314 898	38	0.685 102	9.990 933	2	333	1 3.8
668	9.305 868	37	9.314 936	38	0.685 064	9.990 932	1	332	2 7.6
669	9.305 905	37	9.314 974	38	0.685 026	9.990 930	2	331	3 11.4
.670	9.305 941	36	9.315 013	39	0.684 987	9.990 929	1	.330	4 15.2
671	9.305 978	37	9.315 051	38	0.684 949	9.990 927	2	329	5 19.0
672	9.306 015	37	9.315 089	38	0.684 911	9.990 925	2	328	6 22.8
673	9.306 051	36	9.315 127	38	0.684 873	9.990 924	1	327	7 26.6
674	9.306 088	37	9.315 166	39	0.684 834	9.990 922	2	326	8 30.4
675	9.306 125	37	9.315 204	38	0.684 796	9.990 921	2	325	9 34.2
676	9.306 161	36	9.315 242	38	0.684 758	9.990 919	2	324	
677	9.306 198	37	9.315 280	38	0.684 720	9.990 918	1	323	
678	9.306 235	37	9.315 319	39	0.684 681	9.990 916	2	322	37
679	9.306 271	36	9.315 357	38	0.684 643	9.990 914	2	321	1 3.7
.680	9.306 308	37	9.315 395	38	0.684 605	9.990 913	1	.320	2 7.4
681	9.306 345	37	9.315 433	38	0.684 567	9.990 911	2	319	3 11.1
682	9.306 381	36	9.315 472	39	0.684 528	9.990 910	1	318	4 14.8
683	9.306 418	37	9.315 510	38	0.684 490	9.990 908	2	317	5 18.5
684	9.306 455	37	9.315 548	38	0.684 452	9.990 907	1	316	6 22.2
685	9.306 491	36	9.315 586	38	0.684 414	9.990 905	2	315	7 25.9
686	9.306 528	37	9.315 625	39	0.684 375	9.990 903	2	314	8 29.6
687	9.306 565	37	9.315 663	38	0.684 337	9.990 902	1	313	9 33.3
688	9.306 601	36	9.315 701	38	0.684 299	9.990 900	2	312	
689	9.306 638	37	9.315 739	38	0.684 261	9.990 899	1	311	
.690	9.306 675	37	9.315 777	38	0.684 223	9.990 897	2	.310	36
691	9.306 711	36	9.315 816	39	0.684 184	9.990 896	1	309	1 3.6
692	9.306 748	37	9.315 854	38	0.684 146	9.990 894	2	308	2 7.2
693	9.306 784	36	9.315 892	38	0.684 108	9.990 893	1	307	3 10.8
694	9.306 821	37	9.315 930	38	0.684 070	9.990 891	2	306	4 14.4
695	9.306 858	37	9.315 968	38	0.684 032	9.990 889	1	305	5 18.0
696	9.306 894	36	9.316 007	39	0.683 993	9.990 888	2	304	6 21.6
697	9.306 931	37	9.316 045	38	0.683 955	9.990 886	2	303	7 25.2
698	9.306 968	37	9.316 083	38	0.683 917	9.990 885	1	302	8 28.8
699	9.307 004	36	9.316 121	38	0.683 879	9.990 883	2	301	9 32.4
.700	9.307 041	37	9.316 159	38	0.683 841	9.990 882	1	.300	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.350 — 78°.300

11°.700 — 11°.750

11°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.307 041		9.316 159		0.683 841	9.990 882		.300	
701	9.307 077	36	9.316 197	38	0.683 803	9.990 880	2	299	
702	9.307 114	37	9.316 236	39	0.683 764	9.990 878	2	298	
703	9.307 151	37	9.316 274	38	0.683 726	9.990 877	1	297	
704	9.307 187	36	9.316 312	38	0.683 688	9.990 875	2	296	39
705	9.307 224	37	9.316 350	38	0.683 650	9.990 874	1	295	1 3.9
706	9.307 260	36	9.316 388	38	0.683 612	9.990 872	2	294	2 7.8
707	9.307 297	37	9.316 426	38	0.683 574	9.990 871	1	293	3 11.7
708	9.307 333	36	9.316 464	38	0.683 536	9.990 869	2	292	4 15.6
709	9.307 370	37	9.316 503	39	0.683 497	9.990 867	2	291	5 19.5
.710	9.307 407	37	9.316 541	38	0.683 459	9.990 866	1	.290	6 23.4
		36		38			2	289	7 27.3
711	9.307 443	37	9.316 579	38	0.683 421	9.990 864	1	288	8 31.2
712	9.307 480	36	9.316 617	38	0.683 383	9.990 863	2	287	9 35.1
713	9.307 516	36	9.316 655	38	0.683 345	9.990 861	2		
714	9.307 553	37	9.316 693	38	0.683 307	9.990 860	1	286	
715	9.307 589	36	9.316 731	38	0.683 269	9.990 858	2	285	
716	9.307 626	37	9.316 770	39	0.683 230	9.990 856	2	284	38
717	9.307 663	37	9.316 808	38	0.683 192	9.990 855	1	283	1 3.8
718	9.307 699	36	9.316 846	38	0.683 154	9.990 853	2	282	2 7.6
719	9.307 736	37	9.316 884	38	0.683 116	9.990 852	1	281	3 11.4
.720	9.307 772	36	9.316 922	38	0.683 078	9.990 850	2	.280	4 15.2
		37		38			1	279	5 19.0
721	9.307 809	36	9.316 960	38	0.683 040	9.990 849	2	278	6 22.8
722	9.307 845	37	9.316 998	38	0.683 002	9.990 847	2	277	7 26.6
723	9.307 882	37	9.317 036	38	0.682 964	9.990 845	2		8 30.4
724	9.307 918	36	9.317 074	38	0.682 926	9.990 844	1	276	9 34.2
725	9.307 955	37	9.317 113	39	0.682 887	9.990 842	2	275	
726	9.307 991	36	9.317 151	38	0.682 849	9.990 841	1	274	
727	9.308 028	37	9.317 189	38	0.682 811	9.990 839	2	273	
728	9.308 064	36	9.317 227	38	0.682 773	9.990 838	1	272	37
729	9.308 101	37	9.317 265	38	0.682 735	9.990 836	2	271	1 3.7
.730	9.308 137	36	9.317 303	38	0.682 697	9.990 834	2	.270	2 7.4
		37		38			1	269	3 11.1
731	9.308 174	36	9.317 341	38	0.682 659	9.990 833	2	268	4 14.8
732	9.308 210	37	9.317 379	38	0.682 621	9.990 831	2	267	5 18.5
733	9.308 247	37	9.317 417	38	0.682 583	9.990 830	1	266	6 22.2
734	9.308 283	36	9.317 455	38	0.682 545	9.990 828	2	265	7 25.9
735	9.308 320	37	9.317 493	38	0.682 507	9.990 826	2	264	8 29.6
736	9.308 356	36	9.317 531	38	0.682 469	9.990 825	1	263	9 33.3
737	9.308 393	37	9.317 569	38	0.682 431	9.990 823	2	262	
738	9.308 429	36	9.317 608	39	0.682 392	9.990 822	1	261	
739	9.308 466	37	9.317 646	38	0.682 354	9.990 820	2		36
.740	9.308 502	36	9.317 684	38	0.682 316	9.990 819	1	.260	1 3.6
		37		38			2	259	2 7.2
741	9.308 539	36	9.317 722	38	0.682 278	9.990 817	2	258	3 10.8
742	9.308 575	37	9.317 760	38	0.682 240	9.990 815	2	257	4 14.4
743	9.308 612	37	9.317 798	38	0.682 202	9.990 814	1	256	5 18.0
744	9.308 648	36	9.317 836	38	0.682 164	9.990 812	2	255	6 21.6
745	9.308 685	37	9.317 874	38	0.682 126	9.990 811	1	254	7 25.2
746	9.308 721	36	9.317 912	38	0.682 088	9.990 809	2	253	8 28.8
747	9.308 757	36	9.317 950	38	0.682 050	9.990 808	1	252	9 32.4
748	9.308 794	37	9.317 988	38	0.682 012	9.990 806	2	251	
749	9.308 830	36	9.318 026	38	0.681 974	9.990 804	2		
.750	9.308 867	37	9.318 064	38	0.681 936	9.990 803	1	.250	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.300 — 78°.250

11°.750 — 11°.800

11°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.308 867		9.318 064		0.681 936	9.990 803		.250	
751	9.308 903	36	9.318 102	38	0.681 898	9.990 801	2	249	
752	9.308 940	37	9.318 140	38	0.681 860	9.990 800	1	248	
753	9.308 976	36	9.318 178	38	0.681 822	9.990 798	2	247	
754	9.309 013	37	9.318 216	38	0.681 784	9.990 797	1	246	
755	9.309 049	36	9.318 254	38	0.681 746	9.990 795	2	245	
756	9.309 085	36	9.318 292	38	0.681 708	9.990 793	2	244	
757	9.309 122	37	9.318 330	38	0.681 670	9.990 792	1	243	
758	9.309 158	36	9.318 368	38	0.681 632	9.990 790	2	242	
759	9.309 195	37	9.318 406	38	0.681 594	9.990 789	1	241	
.760	9.309 231	36	9.318 444	38	0.681 556	9.990 787	2	.240	
761	9.309 267	36	9.318 482	38	0.681 518	9.990 786	1	239	
762	9.309 304	37	9.318 520	38	0.681 480	9.990 784	2	238	
763	9.309 340	36	9.318 558	38	0.681 442	9.990 782	2	237	
764	9.309 377	37	9.318 596	38	0.681 404	9.990 781	1	236	
765	9.309 413	36	9.318 634	38	0.681 366	9.990 779	2	235	
766	9.309 449	36	9.318 672	38	0.681 328	9.990 778	1	234	
767	9.309 486	37	9.318 710	38	0.681 290	9.990 776	2	233	
768	9.309 522	36	9.318 748	38	0.681 252	9.990 774	2	232	
769	9.309 559	37	9.318 786	38	0.681 214	9.990 773	1	231	
.770	9.309 595	36	9.318 824	38	0.681 176	9.990 771	2	.230	
771	9.309 631	36	9.318 862	38	0.681 138	9.990 770	1	229	
772	9.309 668	37	9.318 900	38	0.681 100	9.990 768	2	228	
773	9.309 704	36	9.318 938	38	0.681 062	9.990 767	1	227	
774	9.309 741	37	9.318 976	38	0.681 024	9.990 765	2	226	
775	9.309 777	36	9.319 013	37	0.680 987	9.990 763	2	225	
776	9.309 813	36	9.319 051	38	0.680 949	9.990 762	1	224	
777	9.309 850	37	9.319 089	38	0.680 911	9.990 760	2	223	
778	9.309 886	36	9.319 127	38	0.680 873	9.990 759	1	222	
779	9.309 922	36	9.319 165	38	0.680 835	9.990 757	2	221	
.780	9.309 959	37	9.319 203	38	0.680 797	9.990 756	1	.220	
781	9.309 995	36	9.319 241	38	0.680 759	9.990 754	2	219	
782	9.310 031	36	9.319 279	38	0.680 721	9.990 752	2	218	
783	9.310 068	37	9.319 317	38	0.680 683	9.990 751	1	217	
784	9.310 104	36	9.319 355	38	0.680 645	9.990 749	2	216	
785	9.310 140	36	9.319 393	38	0.680 607	9.990 748	1	215	
786	9.310 177	37	9.319 431	38	0.680 569	9.990 746	2	214	
787	9.310 213	36	9.319 469	38	0.680 531	9.990 744	2	213	
788	9.310 249	36	9.319 506	37	0.680 494	9.990 743	1	212	
789	9.310 286	37	9.319 544	38	0.680 456	9.990 741	2	211	
.790	9.310 322	36	9.319 582	38	0.680 418	9.990 740	1	.210	
791	9.310 358	36	9.319 620	38	0.680 380	9.990 738	2	209	
792	9.310 395	37	9.319 658	38	0.680 342	9.990 737	1	208	
793	9.310 431	36	9.319 696	38	0.680 304	9.990 735	2	207	
794	9.310 467	36	9.319 734	38	0.680 266	9.990 733	2	206	
795	9.310 503	36	9.319 772	38	0.680 228	9.990 732	1	205	
796	9.310 540	37	9.319 810	38	0.680 190	9.990 730	2	204	
797	9.310 576	36	9.319 847	37	0.680 153	9.990 729	1	203	
798	9.310 612	36	9.319 885	38	0.680 115	9.990 727	2	202	
799	9.310 649	37	9.319 923	38	0.680 077	9.990 725	2	201	
.800	9.310 685	36	9.319 961	38	0.680 039	9.990 724	1	.200	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.250 — 78°.200

11°.800 — 11°.850

11°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.310 685		9.319 961		0.680 039	9.990 724		.200	
801	9.310 721	36	9.319 999	38	0.680 001	9.990 722	2	199	
802	9.310 757	36	9.320 037	38	0.679 963	9.990 721	1	198	
803	9.310 794	37	9.320 075	38	0.679 925	9.990 719	2	197	
804	9.310 830	36	9.320 113	38	0.679 887	9.990 718	1	196	
805	9.310 866	36	9.320 150	37	0.679 850	9.990 716	2	195	
806	9.310 903	37	9.320 188	38	0.679 812	9.990 714	2	194	
807	9.310 939	36	9.320 226	38	0.679 774	9.990 713	1	193	
808	9.310 975	36	9.320 264	38	0.679 736	9.990 711	2	192	
809	9.311 011	36	9.320 302	38	0.679 698	9.990 710	1	191	
.810	9.311 048	37	9.320 340	38	0.679 660	9.990 708	2	.190	
811	9.311 084	36	9.320 377	37	0.679 623	9.990 706	2	189	
812	9.311 120	36	9.320 415	38	0.679 585	9.990 705	1	188	
813	9.311 156	36	9.320 453	38	0.679 547	9.990 703	2	187	
814	9.311 193	37	9.320 491	38	0.679 509	9.990 702	1	186	
815	9.311 229	36	9.320 529	38	0.679 471	9.990 700	2	185	
816	9.311 265	36	9.320 567	38	0.679 433	9.990 699	1	184	
817	9.311 301	36	9.320 604	37	0.679 396	9.990 697	2	183	
818	9.311 338	37	9.320 642	38	0.679 358	9.990 695	2	182	
819	9.311 374	36	9.320 680	38	0.679 320	9.990 694	1	181	
.820	9.311 410	36	9.320 718	38	0.679 282	9.990 692	2	.180	
821	9.311 446	36	9.320 756	38	0.679 244	9.990 691	1	179	
822	9.311 482	36	9.320 793	37	0.679 207	9.990 689	2	178	
823	9.311 519	37	9.320 831	38	0.679 169	9.990 687	2	177	
824	9.311 555	36	9.320 869	38	0.679 131	9.990 686	1	176	
825	9.311 591	36	9.320 907	38	0.679 093	9.990 684	2	175	
826	9.311 627	36	9.320 945	38	0.679 055	9.990 683	1	174	
827	9.311 663	36	9.320 982	37	0.679 018	9.990 681	2	173	
828	9.311 700	37	9.321 020	38	0.678 980	9.990 679	2	172	
829	9.311 736	36	9.321 058	38	0.678 942	9.990 678	1	171	
.830	9.311 772	36	9.321 096	38	0.678 904	9.990 676	2	.170	
831	9.311 808	36	9.321 133	37	0.678 867	9.990 675	1	169	
832	9.311 844	36	9.321 171	38	0.678 829	9.990 673	2	168	
833	9.311 881	37	9.321 209	38	0.678 791	9.990 672	1	167	
834	9.311 917	36	9.321 247	38	0.678 753	9.990 670	2	166	
835	9.311 953	36	9.321 285	38	0.678 715	9.990 668	2	165	
836	9.311 989	36	9.321 322	37	0.678 678	9.990 667	1	164	
837	9.312 025	36	9.321 360	38	0.678 640	9.990 665	2	163	
838	9.312 061	36	9.321 398	38	0.678 602	9.990 664	1	162	
839	9.312 098	37	9.321 436	38	0.678 564	9.990 662	2	161	
.840	9.312 134	36	9.321 473	37	0.678 527	9.990 660	2	.160	
841	9.312 170	36	9.321 511	38	0.678 489	9.990 659	1	159	
842	9.312 206	36	9.321 549	38	0.678 451	9.990 657	2	158	
843	9.312 242	36	9.321 587	38	0.678 413	9.990 656	1	157	
844	9.312 278	36	9.321 624	37	0.678 376	9.990 654	2	156	
845	9.312 314	36	9.321 662	38	0.678 338	9.990 652	2	155	
846	9.312 351	37	9.321 700	38	0.678 300	9.990 651	1	154	
847	9.312 387	36	9.321 737	37	0.678 263	9.990 649	2	153	
848	9.312 423	36	9.321 775	38	0.678 225	9.990 648	1	152	
849	9.312 459	36	9.321 813	38	0.678 187	9.990 646	2	151	
.850	9.312 495	36	9.321 851	38	0.678 149	9.990 645	1	.150	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.200 — 78°.150

11°.850 — 11°.900

11°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.312 495		9.321 851		0.678 149	9.990 645		.150	
851	9.312 531	36	9.321 888	37	0.678 112	9.990 643	2	149	
852	9.312 567	36	9.321 926	38	0.678 074	9.990 641	2	148	
853	9.312 603	36	9.321 964	38	0.678 036	9.990 640	1	147	
854	9.312 640	37	9.322 001	37	0.677 999	9.990 638	2	146	38
855	9.312 676	36	9.322 039	38	0.677 961	9.990 637	1	145	1 3.8
856	9.312 712	36	9.322 077	38	0.677 923	9.990 635	2	144	2 7.6
857	9.312 748	36	9.322 115	38	0.677 885	9.990 633	2	143	3 11.4
858	9.312 784	36	9.322 152	37	0.677 848	9.990 632	1	142	4 15.2
859	9.312 820	36	9.322 190	38	0.677 810	9.990 630	2	141	5 19.0
.860	9.312 856	36	9.322 228	38	0.677 772	9.990 629	1	.140	6 22.8
861	9.312 892	36	9.322 265	37	0.677 735	9.990 627	2	139	7 26.6
862	9.312 928	36	9.322 303	38	0.677 697	9.990 625	2	138	8 30.4
863	9.312 964	36	9.322 341	38	0.677 659	9.990 624	1	137	9 34.2
864	9.313 001	37	9.322 378	37	0.677 622	9.990 622	2	136	
865	9.313 037	36	9.322 416	38	0.677 584	9.990 621	1	135	
866	9.313 073	36	9.322 454	38	0.677 546	9.990 619	2	134	37
867	9.313 109	36	9.322 491	37	0.677 509	9.990 617	2	133	1 3.7
868	9.313 145	36	9.322 529	38	0.677 471	9.990 616	1	132	2 7.4
869	9.313 181	36	9.322 567	38	0.677 433	9.990 614	2	131	3 11.1
.870	9.313 217	36	9.322 604	37	0.677 396	9.990 613	1	.130	4 14.8
871	9.313 253	36	9.322 642	38	0.677 358	9.990 611	2	129	5 18.5
872	9.313 289	36	9.322 680	38	0.677 320	9.990 609	2	128	6 22.2
873	9.313 325	36	9.322 717	37	0.677 283	9.990 608	1	127	7 25.9
874	9.313 361	36	9.322 755	38	0.677 245	9.990 606	2	126	8 29.6
875	9.313 397	36	9.322 793	38	0.677 207	9.990 605	1	125	9 33.3
876	9.313 433	36	9.322 830	37	0.677 170	9.990 603	2	124	
877	9.313 469	36	9.322 868	38	0.677 132	9.990 602	1	123	36
878	9.313 505	36	9.322 905	37	0.677 095	9.990 600	2	122	1 3.6
879	9.313 541	36	9.322 943	38	0.677 057	9.990 598	2	121	2 7.2
.880	9.313 577	36	9.322 981	38	0.677 019	9.990 597	1	.120	3 10.8
881	9.313 614	37	9.323 018	37	0.676 982	9.990 595	2	119	4 14.4
882	9.313 650	36	9.323 056	38	0.676 944	9.990 594	1	118	5 18.0
883	9.313 686	36	9.323 094	38	0.676 906	9.990 592	2	117	6 21.6
884	9.313 722	36	9.323 131	37	0.676 869	9.990 590	2	116	7 25.2
885	9.313 758	36	9.323 169	38	0.676 831	9.990 589	1	115	8 28.8
886	9.313 794	36	9.323 206	37	0.676 794	9.990 587	2	114	9 32.4
887	9.313 830	36	9.323 244	38	0.676 756	9.990 586	1	113	
888	9.313 866	36	9.323 282	38	0.676 718	9.990 584	2	112	
889	9.313 902	36	9.323 319	37	0.676 681	9.990 582	2	111	
.890	9.313 938	36	9.323 357	38	0.676 643	9.990 581	1	.110	35
891	9.313 974	36	9.323 394	37	0.676 606	9.990 579	2	109	1 3.5
892	9.314 010	36	9.323 432	38	0.676 568	9.990 578	1	108	2 7.0
893	9.314 046	36	9.323 470	38	0.676 530	9.990 576	2	107	3 10.5
894	9.314 082	36	9.323 507	37	0.676 493	9.990 574	2	106	4 14.0
895	9.314 118	36	9.323 545	38	0.676 455	9.990 573	1	105	5 17.5
896	9.314 154	36	9.323 582	37	0.676 418	9.990 571	2	104	6 21.0
897	9.314 190	36	9.323 620	38	0.676 380	9.990 570	1	103	7 24.5
898	9.314 226	36	9.323 658	38	0.676 342	9.990 568	2	102	8 28.0
899	9.314 262	36	9.323 695	37	0.676 305	9.990 566	2	101	9 31.5
.900	9.314 297	35	9.323 733	38	0.676 267	9.990 565	1	.100	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

11°.900 — 11°.950

11°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.314 297	36	9.323 733	37	0.676 267	9.990 565	2	.100	
901	9.314 333	36	9.323 770	37	0.676 230	9.990 563	1	099	
902	9.314 369	36	9.323 808	38	0.676 192	9.990 562	2	098	
903	9.314 405	36	9.323 845	37	0.676 155	9.990 560	2	097	
904	9.314 441	36	9.323 883	38	0.676 117	9.990 558	2	096	38
905	9.314 477	36	9.323 920	37	0.676 080	9.990 557	1	095	1 3.8
906	9.314 513	36	9.323 958	38	0.676 042	9.990 555	2	094	2 7.6
907	9.314 549	36	9.323 996	38	0.676 004	9.990 554	1	093	3 11.4
908	9.314 585	36	9.324 033	37	0.675 967	9.990 552	2	092	4 15.2
909	9.314 621	36	9.324 071	38	0.675 929	9.990 550	2	091	5 19.0
.910	9.314 657	36	9.324 108	37	0.675 892	9.990 549	1	.090	6 22.8
911	9.314 693	36	9.324 146	38	0.675 854	9.990 547	2	089	7 26.6
912	9.314 729	36	9.324 183	37	0.675 817	9.990 546	1	088	8 30.4
913	9.314 765	36	9.324 221	38	0.675 779	9.990 544	2	087	9 34.2
914	9.314 801	36	9.324 258	37	0.675 742	9.990 542	2	086	
915	9.314 837	36	9.324 296	38	0.675 704	9.990 541	1	085	
916	9.314 873	36	9.324 333	37	0.675 667	9.990 539	2	084	37
917	9.314 909	36	9.324 371	38	0.675 629	9.990 538	1	083	1 3.7
918	9.314 944	35	9.324 408	37	0.675 592	9.990 536	2	082	2 7.4
919	9.314 980	36	9.324 446	38	0.675 554	9.990 534	2	081	3 11.1
.920	9.315 016	36	9.324 483	37	0.675 517	9.990 533	1	.080	4 14.8
921	9.315 052	36	9.324 521	38	0.675 479	9.990 531	2	079	5 18.5
922	9.315 088	36	9.324 558	37	0.675 442	9.990 530	1	078	6 22.2
923	9.315 124	36	9.324 596	38	0.675 404	9.990 528	2	077	7 25.9
924	9.315 160	36	9.324 633	37	0.675 367	9.990 526	2	076	8 29.6
925	9.315 196	36	9.324 671	38	0.675 329	9.990 525	1	075	9 33.3
926	9.315 232	36	9.324 708	37	0.675 292	9.990 523	2	074	
927	9.315 268	36	9.324 746	38	0.675 254	9.990 522	1	073	36
928	9.315 303	35	9.324 783	37	0.675 217	9.990 520	2	072	1 3.6
929	9.315 339	36	9.324 821	38	0.675 179	9.990 518	2	071	2 7.2
.930	9.315 375	36	9.324 858	37	0.675 142	9.990 517	1	.070	3 10.8
931	9.315 411	36	9.324 896	38	0.675 104	9.990 515	2	069	4 14.4
932	9.315 447	36	9.324 933	37	0.675 067	9.990 514	1	068	5 18.0
933	9.315 483	36	9.324 971	38	0.675 029	9.990 512	2	067	6 21.6
934	9.315 519	36	9.325 008	37	0.674 992	9.990 510	2	066	7 25.2
935	9.315 554	35	9.325 046	38	0.674 954	9.990 509	1	065	8 28.8
936	9.315 590	36	9.325 083	37	0.674 917	9.990 507	2	064	9 32.4
937	9.315 626	36	9.325 121	38	0.674 879	9.990 506	1	063	
938	9.315 662	36	9.325 158	37	0.674 842	9.990 504	2	062	
939	9.315 698	36	9.325 195	37	0.674 805	9.990 502	2	061	
.940	9.315 734	36	9.325 233	38	0.674 767	9.990 501	1	.060	35
941	9.315 770	36	9.325 270	37	0.674 730	9.990 499	2	059	1 3.5
942	9.315 805	35	9.325 308	38	0.674 692	9.990 498	1	058	2 7.0
943	9.315 841	36	9.325 345	37	0.674 655	9.990 496	2	057	3 10.5
944	9.315 877	36	9.325 383	38	0.674 617	9.990 494	2	056	4 14.0
945	9.315 913	36	9.325 420	37	0.674 580	9.990 493	1	055	5 17.5
946	9.315 949	36	9.325 458	38	0.674 542	9.990 491	2	054	6 21.0
947	9.315 985	36	9.325 495	37	0.674 505	9.990 490	1	053	7 24.5
948	9.316 020	35	9.325 532	37	0.674 468	9.990 488	2	052	8 28.0
949	9.316 056	36	9.325 570	38	0.674 430	9.990 486	2	051	9 31.5
.950	9.316 092	36	9.325 607	37	0.674 393	9.990 485	1	.050	
	cos	d	cotg	d	tang	sin	d	78°	P.P.

78°.100 — 78°.050

11°.950 — 12°.000

11°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.316 092		9.325 607		0.674 393	9.990 485		.050	
951	9.316 128	36	9.325 645	38	0.674 355	9.990 483	2	049	
952	9.316 164	36	9.325 682	37	0.674 318	9.990 482	1	048	
953	9.316 199	35	9.325 720	38	0.674 280	9.990 480	2	047	
		36		37			2		38
954	9.316 235	36	9.325 757	37	0.674 243	9.990 478	1	046	
955	9.316 271	36	9.325 794	37	0.674 206	9.990 477	2	045	1 3.8
956	9.316 307	36	9.325 832	38	0.674 168	9.990 475	1	044	2 7.6
		36		37			2		3 11.4
957	9.316 343	35	9.325 869	37	0.674 131	9.990 474	2	043	4 15.2
958	9.316 378	36	9.325 907	38	0.674 093	9.990 472	2	042	5 19.0
959	9.316 414	36	9.325 944	37	0.674 056	9.990 470	1	041	6 22.8
.960	9.316 450	36	9.325 981	37	0.674 019	9.990 469	2	.040	7 26.6
		36		38			1		8 30.4
961	9.316 486	36	9.326 019	37	0.673 981	9.990 467	2	039	9 34.2
962	9.316 522	36	9.326 056	37	0.673 944	9.990 466	1	038	
963	9.316 557	35	9.326 093	37	0.673 907	9.990 464	2	037	
		36		38			2		
964	9.316 593	36	9.326 131	37	0.673 869	9.990 462	1	036	
965	9.316 629	36	9.326 168	37	0.673 832	9.990 461	2	035	
966	9.316 665	36	9.326 206	38	0.673 794	9.990 459	2	034	37
		35		37			2		
967	9.316 700	36	9.326 243	37	0.673 757	9.990 457	1	033	1 3.7
968	9.316 736	36	9.326 280	37	0.673 720	9.990 456	2	032	2 7.4
969	9.316 772	36	9.326 318	38	0.673 682	9.990 454	2	031	3 11.1
		36		37			1		4 14.8
.970	9.316 808	35	9.326 355	37	0.673 645	9.990 453	2	.030	5 18.5
		36		38			1		6 22.2
971	9.316 843	36	9.326 392	37	0.673 608	9.990 451	2	029	7 25.9
972	9.316 879	36	9.326 430	37	0.673 570	9.990 449	1	028	8 29.6
973	9.316 915	36	9.326 467	37	0.673 533	9.990 448	2	027	9 33.3
		36		37			2		
974	9.316 951	35	9.326 504	38	0.673 496	9.990 446	1	026	
975	9.316 986	36	9.326 542	37	0.673 458	9.990 445	2	025	
976	9.317 022	36	9.326 579	37	0.673 421	9.990 443	2	024	
		36		37			2		
977	9.317 058	36	9.326 616	38	0.673 384	9.990 441	1	023	36
978	9.317 094	36	9.326 654	37	0.673 346	9.990 440	2	022	
979	9.317 129	35	9.326 691	37	0.673 309	9.990 438	1	021	1 3.6
		36		37			2		2 7.2
.980	9.317 165	36	9.326 728	38	0.673 272	9.990 437	1	.020	3 10.8
		36		37			2		4 14.4
981	9.317 201	36	9.326 766	37	0.673 234	9.990 435	2	019	5 18.0
982	9.317 237	35	9.326 803	37	0.673 197	9.990 433	1	018	6 21.6
983	9.317 272	36	9.326 840	37	0.673 160	9.990 432	2	017	7 25.2
		36		38			2		8 28.8
984	9.317 308	36	9.326 878	37	0.673 122	9.990 430	1	016	9 32.4
985	9.317 344	35	9.326 915	37	0.673 085	9.990 429	2	015	
986	9.317 379	36	9.326 952	38	0.673 048	9.990 427	2	014	
		36		37			2		
987	9.317 415	36	9.326 990	37	0.673 010	9.990 425	1	013	
988	9.317 451	35	9.327 027	37	0.672 973	9.990 424	2	012	
989	9.317 486	36	9.327 064	37	0.672 936	9.990 422	2	011	
		36		38			2		35
.990	9.317 522	36	9.327 102	37	0.672 898	9.990 420	1	.010	1 3.5
		36		37			2		2 7.0
991	9.317 558	36	9.327 139	37	0.672 861	9.990 419	1	009	3 10.5
992	9.317 594	35	9.327 176	38	0.672 824	9.990 417	2	008	4 14.0
993	9.317 629	36	9.327 214	37	0.672 786	9.990 416	1	007	5 17.5
		36		37			2		6 21.0
994	9.317 665	36	9.327 251	37	0.672 749	9.990 414	2	006	7 24.5
995	9.317 701	35	9.327 288	37	0.672 712	9.990 412	1	005	8 28.0
996	9.317 736	36	9.327 325	37	0.672 675	9.990 411	2	004	9 31.5
		36		38			2		
997	9.317 772	36	9.327 363	37	0.672 637	9.990 409	1	003	
998	9.317 808	35	9.327 400	37	0.672 600	9.990 408	2	002	
999	9.317 843	36	9.327 437	37	0.672 563	9.990 406	2	001	
		36		38			2		
*.000	9.317 879	36	9.327 475	37	0.672 525	9.990 404	1	.000	
		36		37			2		
	cos	d	cotg	d	tang	sin	d	78°	P.P.

12°.000 — 12°.050

12°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.317 879		9.327 475		0.672 525	9.990 404		*.000	
001	9.317 915	36	9.327 512	37	0.672 488	9.990 403	1	999	
002	9.317 950	35	9.327 549	37	0.672 451	9.990 401	2	998	
003	9.317 986	36	9.327 586	37	0.672 414	9.990 400	1	997	
004	9.318 022	36	9.327 624	38	0.672 376	9.990 398	2	996	38
005	9.318 057	35	9.327 661	37	0.672 339	9.990 396	2	995	1 3.8
006	9.318 093	36	9.327 698	37	0.672 302	9.990 395	1	994	2 7.6
007	9.318 128	35	9.327 735	37	0.672 265	9.990 393	2	993	3 11.4
008	9.318 164	36	9.327 773	38	0.672 227	9.990 392	1	992	4 15.2
009	9.318 200	36	9.327 810	37	0.672 190	9.990 390	2	991	5 19.0
.010	9.318 235	35	9.327 847	37	0.672 153	9.990 388	2	.990	6 22.8
011	9.318 271	36	9.327 884	37	0.672 116	9.990 387	1	989	7 26.6
012	9.318 307	36	9.327 922	38	0.672 078	9.990 385	2	988	8 30.4
013	9.318 342	35	9.327 959	37	0.672 041	9.990 383	2	987	9 34.2
014	9.318 378	36	9.327 996	37	0.672 004	9.990 382	1	986	
015	9.318 413	35	9.328 033	37	0.671 967	9.990 380	2	985	
016	9.318 449	36	9.328 070	37	0.671 930	9.990 379	1	984	37
017	9.318 485	36	9.328 108	38	0.671 892	9.990 377	2	983	1 3.7
018	9.318 520	35	9.328 145	37	0.671 855	9.990 375	2	982	2 7.4
019	9.318 556	36	9.328 182	37	0.671 818	9.990 374	1	981	3 11.1
.020	9.318 592	36	9.328 219	37	0.671 781	9.990 372	2	.980	4 14.8
021	9.318 627	35	9.328 257	38	0.671 743	9.990 371	1	979	5 18.5
022	9.318 663	36	9.328 294	37	0.671 706	9.990 369	2	978	6 22.2
023	9.318 698	35	9.328 331	37	0.671 669	9.990 367	2	977	7 25.9
024	9.318 734	36	9.328 368	37	0.671 632	9.990 366	1	976	8 29.6
025	9.318 769	35	9.328 405	37	0.671 595	9.990 364	2	975	9 33.3
026	9.318 805	36	9.328 443	38	0.671 557	9.990 362	2	974	
027	9.318 841	36	9.328 480	37	0.671 520	9.990 361	1	973	
028	9.318 876	35	9.328 517	37	0.671 483	9.990 359	2	972	36
029	9.318 912	36	9.328 554	37	0.671 446	9.990 358	1	971	1 3.6
.030	9.318 947	35	9.328 591	37	0.671 409	9.990 356	2	.970	2 7.2
031	9.318 983	36	9.328 629	38	0.671 371	9.990 354	2	969	3 10.8
032	9.319 018	35	9.328 666	37	0.671 334	9.990 353	1	968	4 14.4
033	9.319 054	36	9.328 703	37	0.671 297	9.990 351	2	967	5 18.0
034	9.319 090	36	9.328 740	37	0.671 260	9.990 350	1	966	6 21.6
035	9.319 125	35	9.328 777	37	0.671 223	9.990 348	2	965	7 25.2
036	9.319 161	36	9.328 814	37	0.671 186	9.990 346	2	964	8 28.8
037	9.319 196	35	9.328 852	38	0.671 148	9.990 345	1	963	9 32.4
038	9.319 232	36	9.328 889	37	0.671 111	9.990 343	2	962	
039	9.319 267	35	9.328 926	37	0.671 074	9.990 341	2	961	
.040	9.319 303	36	9.328 963	37	0.671 037	9.990 340	1	.960	35
041	9.319 338	35	9.329 000	37	0.671 000	9.990 338	2	959	1 3.5
042	9.319 374	36	9.329 037	37	0.670 963	9.990 337	1	958	2 7.0
043	9.319 409	35	9.329 075	38	0.670 925	9.990 335	2	957	3 10.5
044	9.319 445	36	9.329 112	37	0.670 888	9.990 333	2	956	4 14.0
045	9.319 481	36	9.329 149	37	0.670 851	9.990 332	1	955	5 17.5
046	9.319 516	35	9.329 186	37	0.670 814	9.990 330	2	954	6 21.0
047	9.319 552	36	9.329 223	37	0.670 777	9.990 329	1	953	7 24.5
048	9.319 587	35	9.329 260	37	0.670 740	9.990 327	2	952	8 28.0
049	9.319 623	36	9.329 297	37	0.670 703	9.990 325	2	951	9 31.5
.050	9.319 658	35	9.329 334	37	0.670 666	9.990 324	1	.950	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

78°.000 — 77°.950

12°.050 — 12°.100

12°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.319 658		9.329 334		0.670 666	9.990 324		.950	
051	9.319 694	36	9.329 372	38	0.670 628	9.990 322	2	949	
052	9.319 729	35	9.329 409	37	0.670 591	9.990 320	2	948	
053	9.319 765	36	9.329 446	37	0.670 554	9.990 319	1	947	
054	9.319 800	35	9.329 483	37	0.670 517	9.990 317	2	946	38
055	9.319 836	36	9.329 520	37	0.670 480	9.990 316	1	945	1 3.8
056	9.319 871	35	9.329 557	37	0.670 443	9.990 314	2	944	2 7.6
057	9.319 907	36	9.329 594	37	0.670 406	9.990 312	2	943	3 11.4
058	9.319 942	35	9.329 631	37	0.670 369	9.990 311	1	942	4 15.2
059	9.319 978	36	9.329 668	37	0.670 332	9.990 309	2	941	5 19.0
.060	9.320 013	35	9.329 706	38	0.670 294	9.990 307	2	.940	6 22.8
061	9.320 049	36	9.329 743	37	0.670 257	9.990 306	1	939	7 26.6
062	9.320 084	35	9.329 780	37	0.670 220	9.990 304	2	938	8 30.4
063	9.320 119	35	9.329 817	37	0.670 183	9.990 303	1	937	9 34.2
064	9.320 155	36	9.329 854	37	0.670 146	9.990 301	2	936	
065	9.320 190	35	9.329 891	37	0.670 109	9.990 299	2	935	
066	9.320 226	36	9.329 928	37	0.670 072	9.990 298	1	934	37
067	9.320 261	35	9.329 965	37	0.670 035	9.990 296	2	933	1 3.7
068	9.320 297	36	9.330 002	37	0.669 998	9.990 295	1	932	2 7.4
069	9.320 332	35	9.330 039	37	0.669 961	9.990 293	2	931	3 11.1
.070	9.320 368	36	9.330 076	37	0.669 924	9.990 291	2	.930	4 14.8
071	9.320 403	35	9.330 113	37	0.669 887	9.990 290	1	929	5 18.5
072	9.320 439	36	9.330 151	38	0.669 849	9.990 288	2	928	6 22.2
073	9.320 474	35	9.330 188	37	0.669 812	9.990 286	2	927	7 25.9
074	9.320 509	35	9.330 225	37	0.669 775	9.990 285	1	926	8 29.6
075	9.320 545	36	9.330 262	37	0.669 738	9.990 283	2	925	9 33.3
076	9.320 580	35	9.330 299	37	0.669 701	9.990 282	1	924	
077	9.320 616	36	9.330 336	37	0.669 664	9.990 280	2	923	36
078	9.320 651	35	9.330 373	37	0.669 627	9.990 278	2	922	1 3.6
079	9.320 687	36	9.330 410	37	0.669 590	9.990 277	1	921	2 7.2
.080	9.320 722	35	9.330 447	37	0.669 553	9.990 275	2	.920	3 10.8
081	9.320 757	35	9.330 484	37	0.669 516	9.990 273	2	919	4 14.4
082	9.320 793	36	9.330 521	37	0.669 479	9.990 272	1	918	5 18.0
083	9.320 828	35	9.330 558	37	0.669 442	9.990 270	2	917	6 21.6
084	9.320 864	36	9.330 595	37	0.669 405	9.990 269	1	916	7 25.2
085	9.320 899	35	9.330 632	37	0.669 368	9.990 267	2	915	8 28.8
086	9.320 934	35	9.330 669	37	0.669 331	9.990 265	2	914	9 32.4
087	9.320 970	36	9.330 706	37	0.669 294	9.990 264	1	913	
088	9.321 005	35	9.330 743	37	0.669 257	9.990 262	2	912	
089	9.321 041	36	9.330 780	37	0.669 220	9.990 260	2	911	35
.090	9.321 076	35	9.330 817	37	0.669 183	9.990 259	1	.910	1 3.5
091	9.321 111	35	9.330 854	37	0.669 146	9.990 257	2	909	2 7.0
092	9.321 147	36	9.330 891	37	0.669 109	9.990 256	1	908	3 10.5
093	9.321 182	35	9.330 928	37	0.669 072	9.990 254	2	907	4 14.0
094	9.321 218	36	9.330 965	37	0.669 035	9.990 252	2	906	5 17.5
095	9.321 253	35	9.331 002	37	0.668 998	9.990 251	1	905	6 21.0
096	9.321 288	35	9.331 039	37	0.668 961	9.990 249	2	904	7 24.5
097	9.321 324	36	9.331 076	37	0.668 924	9.990 247	2	903	8 28.0
098	9.321 359	35	9.331 113	37	0.668 887	9.990 246	1	902	9 31.5
099	9.321 394	35	9.331 150	37	0.668 850	9.990 244	2	901	
.100	9.321 430	36	9.331 187	37	0.668 813	9.990 243	1	.900	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.950 — 77°.900

12°.100 — 12°.150

12°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.321 430		9.331 187		0.668 813	9.990 243		.900	
101	9.321 465	35	9.331 224	37	0.668 776	9.990 241	2	899	
102	9.321 500	35	9.331 261	37	0.668 739	9.990 239	2	898	
103	9.321 536	36	9.331 298	37	0.668 702	9.990 238	1	897	
							2		
104	9.321 571	35	9.331 335	37	0.668 665	9.990 236	2	896	
105	9.321 606	35	9.331 372	37	0.668 628	9.990 234	2	895	
106	9.321 642	36	9.331 409	37	0.668 591	9.990 233	1	894	
							2		
107	9.321 677	35	9.331 446	37	0.668 554	9.990 231	2	893	37
108	9.321 712	35	9.331 483	37	0.668 517	9.990 230	1	892	1 3.7
109	9.321 748	36	9.331 520	37	0.668 480	9.990 228	2	891	2 7.4
							2		3 11.1
.110	9.321 783	35	9.331 557	37	0.668 443	9.990 226	2	.890	4 14.8
							1		5 18.5
111	9.321 818	35	9.331 594	37	0.668 406	9.990 225	2	889	6 22.2
112	9.321 854	36	9.331 631	37	0.668 369	9.990 223	2	888	7 25.9
113	9.321 889	35	9.331 668	37	0.668 332	9.990 221	2	887	8 29.6
							1		9 33.3
114	9.321 924	35	9.331 705	37	0.668 295	9.990 220	2	886	
115	9.321 960	36	9.331 742	37	0.668 258	9.990 218	2	885	
116	9.321 995	35	9.331 778	36	0.668 222	9.990 217	1	884	
							2		
117	9.322 030	35	9.331 815	37	0.668 185	9.990 215	2	883	
118	9.322 066	36	9.331 852	37	0.668 148	9.990 213	2	882	
119	9.322 101	35	9.331 889	37	0.668 111	9.990 212	1	881	
							2		
.120	9.322 136	35	9.331 926	37	0.668 074	9.990 210	2	.880	
							2		
121	9.322 172	36	9.331 963	37	0.668 037	9.990 208	1	879	36
122	9.322 207	35	9.332 000	37	0.668 000	9.990 207	1	878	
123	9.322 242	35	9.332 037	37	0.667 963	9.990 205	2	877	1 3.6
							1		2 7.2
124	9.322 277	35	9.332 074	37	0.667 926	9.990 204	1	876	3 10.8
125	9.322 313	36	9.332 111	37	0.667 889	9.990 202	2	875	4 14.4
126	9.322 348	35	9.332 148	37	0.667 852	9.990 200	2	874	5 18.0
							1		6 21.6
127	9.322 383	35	9.332 185	37	0.667 815	9.990 199	1	873	7 25.2
128	9.322 419	36	9.332 222	37	0.667 778	9.990 197	2	872	8 28.8
129	9.322 454	35	9.332 258	36	0.667 742	9.990 195	2	871	9 32.4
							1		
.130	9.322 489	35	9.332 295	37	0.667 705	9.990 194	2	.870	
							2		
131	9.322 524	35	9.332 332	37	0.667 668	9.990 192	1	869	
132	9.322 560	36	9.332 369	37	0.667 631	9.990 191	1	868	
133	9.322 595	35	9.332 406	37	0.667 594	9.990 189	2	867	
							2		
134	9.322 630	35	9.332 443	37	0.667 557	9.990 187	2	866	
135	9.322 665	35	9.332 480	37	0.667 520	9.990 186	1	865	
136	9.322 701	36	9.332 517	37	0.667 483	9.990 184	2	864	
							2		
137	9.322 736	35	9.332 554	37	0.667 446	9.990 182	2	863	35
138	9.322 771	35	9.332 590	36	0.667 410	9.990 181	1	862	1 3.5
139	9.322 806	35	9.332 627	37	0.667 373	9.990 179	2	861	2 7.0
							2		3 10.5
.140	9.322 842	36	9.332 664	37	0.667 336	9.990 177	2	.860	4 14.0
							1		5 17.5
141	9.322 877	35	9.332 701	37	0.667 299	9.990 176	1	859	6 21.0
142	9.322 912	35	9.332 738	37	0.667 262	9.990 174	2	858	7 24.5
143	9.322 947	35	9.332 775	37	0.667 225	9.990 173	1	857	8 28.0
							2		9 31.5
144	9.322 983	36	9.332 812	37	0.667 188	9.990 171	2	856	
145	9.323 018	35	9.332 848	36	0.667 152	9.990 169	2	855	
146	9.323 053	35	9.332 885	37	0.667 115	9.990 168	1	854	
							2		
147	9.323 088	35	9.332 922	37	0.667 078	9.990 166	2	853	
148	9.323 123	35	9.332 959	37	0.667 041	9.990 164	2	852	
149	9.323 159	36	9.332 996	37	0.667 004	9.990 163	1	851	
							2		
.150	9.323 194	35	9.333 033	37	0.666 967	9.990 161	2	.850	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.900 — 77°.850

12°.150 — 12°.200

12°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.323 194		9.333 033		0.666 967	9.990 161		.850	
151	9.323 229	35	9.333 070	37	0.666 930	9.990 160	1	849	
152	9.323 264	35	9.333 106	36	0.666 894	9.990 158	2	848	
153	9.323 299	35	9.333 143	37	0.666 857	9.990 156	2	847	
		36		37			1		
154	9.323 335		9.333 180	37	0.666 820	9.990 155	2	846	
155	9.323 370	35	9.333 217	37	0.666 783	9.990 153	2	845	
156	9.323 405	35	9.333 254	37	0.666 746	9.990 151	2	844	
		35		36			1		
157	9.323 440		9.333 290	37	0.666 710	9.990 150	2	843	
158	9.323 475	35	9.333 327	37	0.666 673	9.990 148	2	842	
159	9.323 511	36	9.333 364	37	0.666 636	9.990 146	2	841	
		35		37			1		
.160	9.323 546		9.333 401		0.666 599	9.990 145		.840	
		35		37			2		
161	9.323 581	35	9.333 438	37	0.666 562	9.990 143	1	839	
162	9.323 616	35	9.333 475	37	0.666 525	9.990 142	1	838	
163	9.323 651	35	9.333 511	36	0.666 489	9.990 140	2	837	
		35		37			2		
164	9.323 686		9.333 548	37	0.666 452	9.990 138	2	836	
165	9.323 722	36	9.333 585	37	0.666 415	9.990 137	1	835	
166	9.323 757	35	9.333 622	37	0.666 378	9.990 135	2	834	
		35		37			2		
167	9.323 792		9.333 659	37	0.666 341	9.990 133	2	833	
168	9.323 827	35	9.333 695	36	0.666 305	9.990 132	1	832	
169	9.323 862	35	9.333 732	37	0.666 268	9.990 130	2	831	
		35		37			2		
.170	9.323 897		9.333 769		0.666 231	9.990 128		.830	
		36		37			1		
171	9.323 933	35	9.333 806	37	0.666 194	9.990 127	2	829	
172	9.323 968	35	9.333 842	36	0.666 158	9.990 125	2	828	
173	9.324 003	35	9.333 879	37	0.666 121	9.990 124	1	827	
		35		37			2		
174	9.324 038		9.333 916	37	0.666 084	9.990 122	2	826	
175	9.324 073	35	9.333 953	37	0.666 047	9.990 120	2	825	
176	9.324 108	35	9.333 990	37	0.666 010	9.990 119	1	824	
		35		36			2		
177	9.324 143		9.334 026	37	0.665 974	9.990 117	2	823	
178	9.324 178	35	9.334 063	37	0.665 937	9.990 115	2	822	
179	9.324 214	36	9.334 100	37	0.665 900	9.990 114	1	821	
		35		37			2		
.180	9.324 249		9.334 137		0.665 863	9.990 112		.820	
		35		36			1		
181	9.324 284	35	9.334 173	37	0.665 827	9.990 111	2	819	
182	9.324 319	35	9.334 210	37	0.665 790	9.990 109	2	818	
183	9.324 354	35	9.334 247	37	0.665 753	9.990 107	2	817	
		35		37			1		
184	9.324 389		9.334 284	37	0.665 716	9.990 106	1	816	
185	9.324 424	35	9.334 320	36	0.665 680	9.990 104	2	815	
186	9.324 459	35	9.334 357	37	0.665 643	9.990 102	2	814	
		35		37			1		
187	9.324 494		9.334 394	37	0.665 606	9.990 101	1	813	
188	9.324 530	36	9.334 430	36	0.665 570	9.990 099	2	812	
189	9.324 565	35	9.334 467	37	0.665 533	9.990 097	2	811	
		35		37			1		
.190	9.324 600		9.334 504		0.665 496	9.990 096		.810	
		35		37			2		
191	9.324 635	35	9.334 541	37	0.665 459	9.990 094	2	809	
192	9.324 670	35	9.334 577	36	0.665 423	9.990 093	1	808	
193	9.324 705	35	9.334 614	37	0.665 386	9.990 091	2	807	
		35		37			2		
194	9.324 740		9.334 651	37	0.665 349	9.990 089	2	806	
195	9.324 775	35	9.334 688	37	0.665 312	9.990 088	1	805	
196	9.324 810	35	9.334 724	36	0.665 276	9.990 086	2	804	
		35		37			2		
197	9.324 845		9.334 761	37	0.665 239	9.990 084	2	803	
198	9.324 880	35	9.334 798	37	0.665 202	9.990 083	1	802	
199	9.324 915	35	9.334 834	36	0.665 166	9.990 081	2	801	
		35		37			2		
.200	9.324 950		9.334 871		0.665 129	9.990 079		.800	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.850 — 77°.800

12°.200 — 12°.250

12°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.324 950		9.334 871		0.665 129	9.990 079		.800	
201	9.324 986	36	9.334 908	37	0.665 092	9.990 078	1	799	
202	9.325 021	35	9.334 944	36	0.665 056	9.990 076	2	798	
203	9.325 056	35	9.334 981	37	0.665 019	9.990 074	2	797	
204	9.325 091	35	9.335 018	37	0.664 982	9.990 073	1	796	37
205	9.325 126	35	9.335 055	37	0.664 945	9.990 071	2	795	1 3.7
206	9.325 161	35	9.335 091	36	0.664 909	9.990 070	1	794	2 7.4
207	9.325 196	35	9.335 128	37	0.664 872	9.990 068	2	793	3 11.1
208	9.325 231	35	9.335 165	37	0.664 835	9.990 066	2	792	4 14.8
209	9.325 266	35	9.335 201	36	0.664 799	9.990 065	1	791	5 18.5
.210	9.325 301	35	9.335 238	37	0.664 762	9.990 063	2	.790	6 22.2
211	9.325 336	35	9.335 275	37	0.664 725	9.990 061	2	789	7 25.9
212	9.325 371	35	9.335 311	36	0.664 689	9.990 060	1	788	8 29.6
213	9.325 406	35	9.335 348	37	0.664 652	9.990 058	2	787	9 33.3
214	9.325 441	35	9.335 385	37	0.664 615	9.990 056	2	786	
215	9.325 476	35	9.335 421	36	0.664 579	9.990 055	1	785	
216	9.325 511	35	9.335 458	37	0.664 542	9.990 053	2	784	36
217	9.325 546	35	9.335 495	37	0.664 505	9.990 052	1	783	1 3.6
218	9.325 581	35	9.335 531	36	0.664 469	9.990 050	2	782	2 7.2
219	9.325 616	35	9.335 568	37	0.664 432	9.990 048	2	781	3 10.8
.220	9.325 651	35	9.335 604	36	0.664 396	9.990 047	1	.780	4 14.4
221	9.325 686	35	9.335 641	37	0.664 359	9.990 045	2	779	5 18.0
222	9.325 721	35	9.335 678	37	0.664 322	9.990 043	2	778	6 21.6
223	9.325 756	35	9.335 714	36	0.664 286	9.990 042	1	777	7 25.2
224	9.325 791	35	9.335 751	37	0.664 249	9.990 040	2	776	8 28.8
225	9.325 826	35	9.335 788	37	0.664 212	9.990 038	1	775	9 32.4
226	9.325 861	35	9.335 824	36	0.664 176	9.990 037	2	774	
227	9.325 896	35	9.335 861	37	0.664 139	9.990 035	2	773	35
228	9.325 931	35	9.335 897	36	0.664 103	9.990 033	2	772	1 3.5
229	9.325 966	35	9.335 934	37	0.664 066	9.990 032	1	771	2 7.0
.230	9.326 001	35	9.335 971	37	0.664 029	9.990 030	2	.770	3 10.5
231	9.326 036	35	9.336 007	36	0.663 993	9.990 029	1	769	4 14.0
232	9.326 071	35	9.336 044	37	0.663 956	9.990 027	2	768	5 17.5
233	9.326 106	35	9.336 081	37	0.663 919	9.990 025	2	767	6 21.0
234	9.326 141	35	9.336 117	36	0.663 883	9.990 024	1	766	7 24.5
235	9.326 176	35	9.336 154	37	0.663 846	9.990 022	2	765	8 28.0
236	9.326 211	35	9.336 190	36	0.663 810	9.990 020	2	764	9 31.5
237	9.326 246	35	9.336 227	37	0.663 773	9.990 019	1	763	
238	9.326 281	35	9.336 264	37	0.663 736	9.990 017	2	762	
239	9.326 315	34	9.336 300	36	0.663 700	9.990 015	2	761	34
.240	9.326 350	35	9.336 337	37	0.663 663	9.990 014	1	.760	1 3.4
241	9.326 385	35	9.336 373	36	0.663 627	9.990 012	2	759	2 6.8
242	9.326 420	35	9.336 410	37	0.663 590	9.990 010	2	758	3 10.2
243	9.326 455	35	9.336 446	36	0.663 554	9.990 009	1	757	4 13.6
244	9.326 490	35	9.336 483	37	0.663 517	9.990 007	2	756	5 17.0
245	9.326 525	35	9.336 520	37	0.663 480	9.990 006	1	755	6 20.4
246	9.326 560	35	9.336 556	36	0.663 444	9.990 004	2	754	7 23.8
247	9.326 595	35	9.336 593	37	0.663 407	9.990 002	2	753	8 27.2
248	9.326 630	35	9.336 629	36	0.663 371	9.990 001	1	752	9 30.6
249	9.326 665	35	9.336 666	37	0.663 334	9.989 999	2	751	
.250	9.326 700	35	9.336 702	36	0.663 298	9.989 997	2	.750	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.800 — 77°.750

12°.250 — 12°.300

12°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.326 700		9.336 702		0.663 298	9.989 997		.750	
251	9.326 735	35	9.336 739	37	0.663 261	9.989 996	1	749	
252	9.326 769	34	9.336 776	37	0.663 224	9.989 994	2	748	
253	9.326 804	35	9.336 812	36	0.663 188	9.989 992	2	747	
254	9.326 839	35	9.336 849	37	0.663 151	9.989 991	1	746	37
255	9.326 874	35	9.336 885	36	0.663 115	9.989 989	2	745	1 3.7
256	9.326 909	35	9.336 922	37	0.663 078	9.989 987	2	744	2 7.4
257	9.326 944	35	9.336 958	36	0.663 042	9.989 986	1	743	3 11.1
258	9.326 979	35	9.336 995	37	0.663 005	9.989 984	2	742	4 14.8
259	9.327 014	35	9.337 031	36	0.662 969	9.989 982	2	741	5 18.5
.260	9.327 049	35	9.337 068	37	0.662 932	9.989 981	1	.740	6 22.2
261	9.327 084	35	9.337 104	36	0.662 896	9.989 979	2	739	7 25.9
262	9.327 118	34	9.337 141	37	0.662 859	9.989 978	1	738	8 29.6
263	9.327 153	35	9.337 177	36	0.662 823	9.989 976	2	737	9 33.3
264	9.327 188	35	9.337 214	37	0.662 786	9.989 974	2	736	
265	9.327 223	35	9.337 250	36	0.662 750	9.989 973	1	735	
266	9.327 258	35	9.337 287	37	0.662 713	9.989 971	2	734	36
267	9.327 293	35	9.337 323	36	0.662 677	9.989 969	2	733	1 3.6
268	9.327 328	35	9.337 360	37	0.662 640	9.989 968	1	732	2 7.2
269	9.327 362	34	9.337 396	36	0.662 604	9.989 966	2	731	3 10.8
.270	9.327 397	35	9.337 433	37	0.662 567	9.989 964	2	.730	4 14.4
271	9.327 432	35	9.337 469	36	0.662 531	9.989 963	1	729	5 18.0
272	9.327 467	35	9.337 506	37	0.662 494	9.989 961	2	728	6 21.6
273	9.327 502	35	9.337 542	36	0.662 458	9.989 959	2	727	7 25.2
274	9.327 537	35	9.337 579	37	0.662 421	9.989 958	1	726	8 28.8
275	9.327 572	35	9.337 615	36	0.662 385	9.989 956	2	725	9 32.4
276	9.327 606	34	9.337 652	37	0.662 348	9.989 954	2	724	
277	9.327 641	35	9.337 688	36	0.662 312	9.989 953	1	723	
278	9.327 676	35	9.337 725	37	0.662 275	9.989 951	2	722	35
279	9.327 711	35	9.337 761	36	0.662 239	9.989 949	2	721	1 3.5
.280	9.327 746	35	9.337 798	37	0.662 202	9.989 948	1	.720	2 7.0
281	9.327 781	35	9.337 834	36	0.662 166	9.989 946	2	719	3 10.5
282	9.327 815	34	9.337 871	37	0.662 129	9.989 945	1	718	4 14.0
283	9.327 850	35	9.337 907	36	0.662 093	9.989 943	2	717	5 17.5
284	9.327 885	35	9.337 944	37	0.662 056	9.989 941	2	716	6 21.0
285	9.327 920	35	9.337 980	36	0.662 020	9.989 940	1	715	7 24.5
286	9.327 955	35	9.338 017	37	0.661 983	9.989 938	2	714	8 28.0
287	9.327 989	34	9.338 053	36	0.661 947	9.989 936	2	713	9 31.5
288	9.328 024	35	9.338 090	37	0.661 910	9.989 935	1	712	
289	9.328 059	35	9.338 126	36	0.661 874	9.989 933	2	711	
.290	9.328 094	35	9.338 162	37	0.661 838	9.989 931	2	.710	34
291	9.328 129	35	9.338 199	36	0.661 801	9.989 930	1	709	1 3.4
292	9.328 163	34	9.338 235	37	0.661 765	9.989 928	2	708	2 6.8
293	9.328 198	35	9.338 272	36	0.661 728	9.989 926	2	707	3 10.2
294	9.328 233	35	9.338 308	37	0.661 692	9.989 925	1	706	4 13.6
295	9.328 268	35	9.338 345	36	0.661 655	9.989 923	2	705	5 17.0
296	9.328 302	34	9.338 381	37	0.661 619	9.989 921	2	704	6 20.4
297	9.328 337	35	9.338 417	36	0.661 583	9.989 920	1	703	7 23.8
298	9.328 372	35	9.338 454	37	0.661 546	9.989 918	2	702	8 27.2
299	9.328 407	35	9.338 490	36	0.661 510	9.989 916	2	701	9 30.6
.300	9.328 442	35	9.338 527	37	0.661 473	9.989 915	1	.700	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.750 — 77°.700

12°.300 — 12°.350

12°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.328 442		9.338 527		0.661 473	9.989 915		.700	
301	9.328 476	34	9.338 563	36	0.661 437	9.989 913	2	699	
302	9.328 511	35	9.338 600	37	0.661 400	9.989 912	1	698	
303	9.328 546	35	9.338 636	36	0.661 364	9.989 910	2	697	
									37
304	9.328 581	35	9.338 672	36	0.661 328	9.989 908	2	696	
305	9.328 615	34	9.338 709	37	0.661 291	9.989 907	1	695	1 3.7
306	9.328 650	35	9.338 745	36	0.661 255	9.989 905	2	694	2 7.4
									3 11.1
307	9.328 685	35	9.338 782	37	0.661 218	9.989 903	2	693	4 14.8
308	9.328 720	35	9.338 818	36	0.661 182	9.989 902	1	692	5 18.5
309	9.328 754	34	9.338 854	36	0.661 146	9.989 900	2	691	6 22.2
									7 25.9
.310	9.328 789	35	9.338 891	37	0.661 109	9.989 898	2	.690	8 29.6
									9 33.3
311	9.328 824	35	9.338 927	36	0.661 073	9.989 897	1	689	
312	9.328 859	35	9.338 964	37	0.661 036	9.989 895	2	688	
313	9.328 893	34	9.339 000	36	0.661 000	9.989 893	2	687	
314	9.328 928	35	9.339 036	36	0.660 964	9.989 892	1	686	
315	9.328 963	35	9.339 073	37	0.660 927	9.989 890	2	685	
316	9.328 997	34	9.339 109	36	0.660 891	9.989 888	2	684	36
317	9.329 032	35	9.339 145	36	0.660 855	9.989 887	1	683	1 3.6
318	9.329 067	35	9.339 182	37	0.660 818	9.989 885	2	682	2 7.2
319	9.329 102	35	9.339 218	36	0.660 782	9.989 883	2	681	3 10.8
									4 14.4
.320	9.329 136	34	9.339 255	37	0.660 745	9.989 882	1	.680	5 18.0
									6 21.6
321	9.329 171	35	9.339 291	36	0.660 709	9.989 880	2	679	7 25.2
322	9.329 206	35	9.339 327	36	0.660 673	9.989 878	2	678	8 28.8
323	9.329 240	34	9.339 364	37	0.660 636	9.989 877	1	677	9 32.4
324	9.329 275	35	9.339 400	36	0.660 600	9.989 875	2	676	
325	9.329 310	35	9.339 436	36	0.660 564	9.989 873	2	675	
326	9.329 344	34	9.339 473	37	0.660 527	9.989 872	1	674	
327	9.329 379	35	9.339 509	36	0.660 491	9.989 870	2	673	
328	9.329 414	35	9.339 545	36	0.660 455	9.989 868	2	672	35
329	9.329 448	34	9.339 582	37	0.660 418	9.989 867	1	671	1 3.5
									2 7.0
.330	9.329 483	35	9.339 618	36	0.660 382	9.989 865	2	.670	3 10.5
									4 14.0
331	9.329 518	35	9.339 654	36	0.660 346	9.989 864	1	669	5 17.5
332	9.329 553	35	9.339 691	37	0.660 309	9.989 862	2	668	6 21.0
333	9.329 587	34	9.339 727	36	0.660 273	9.989 860	2	667	7 24.5
									8 28.0
334	9.329 622	35	9.339 763	36	0.660 237	9.989 859	1	666	9 31.5
335	9.329 657	35	9.339 800	37	0.660 200	9.989 857	2	665	
336	9.329 691	34	9.339 836	36	0.660 164	9.989 855	2	664	
337	9.329 726	35	9.339 872	36	0.660 128	9.989 854	1	663	
338	9.329 761	35	9.339 909	37	0.660 091	9.989 852	2	662	
339	9.329 795	34	9.339 945	36	0.660 055	9.989 850	2	661	
									34
.340	9.329 830	35	9.339 981	36	0.660 019	9.989 849	1	.660	1 3.4
									2 6.8
341	9.329 864	34	9.340 018	37	0.659 982	9.989 847	2	659	3 10.2
342	9.329 899	35	9.340 054	36	0.659 946	9.989 845	2	658	4 13.6
343	9.329 934	35	9.340 090	36	0.659 910	9.989 844	1	657	5 17.0
									6 20.4
344	9.329 968	34	9.340 126	36	0.659 874	9.989 842	2	656	7 23.8
345	9.330 003	35	9.340 163	37	0.659 837	9.989 840	2	655	8 27.2
346	9.330 038	35	9.340 199	36	0.659 801	9.989 839	1	654	9 30.6
347	9.330 072	34	9.340 235	36	0.659 765	9.989 837	2	653	
348	9.330 107	35	9.340 272	37	0.659 728	9.989 835	2	652	
349	9.330 142	35	9.340 308	36	0.659 692	9.989 834	1	651	
.350	9.330 176	34	9.340 344	36	0.659 656	9.989 832	2	.650	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.700 — 77°.650

12°.350 — 12°.400

12°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.330 176		9.340 344		0.659 656	9.989 832		.650	
351	9.330 211	35	9.340 380	36	0.659 620	9.989 830	2	649	
352	9.330 245	34	9.340 417	37	0.659 583	9.989 829	1	648	
353	9.330 280	35	9.340 453	36	0.659 547	9.989 827	2	647	
		35		36			2		37
354	9.330 315	35	9.340 489	36	0.659 511	9.989 825	2	646	
355	9.330 349	34	9.340 525	36	0.659 475	9.989 824	1	645	1 3.7
356	9.330 384	35	9.340 562	37	0.659 438	9.989 822	2	644	2 7.4
		34		36			2		3 11.1
357	9.330 418	34	9.340 598	36	0.659 402	9.989 820	2	643	4 14.8
358	9.330 453	35	9.340 634	36	0.659 366	9.989 819	1	642	5 18.5
359	9.330 488	35	9.340 671	37	0.659 329	9.989 817	2	641	6 22.2
		34		36			2		7 25.9
.360	9.330 522	35	9.340 707	36	0.659 293	9.989 815	1	.640	8 29.6
		35		36			2	639	9 33.3
361	9.330 557	34	9.340 743	36	0.659 257	9.989 814	1	638	
362	9.330 591	34	9.340 779	36	0.659 221	9.989 812	2	637	
363	9.330 626	35	9.340 816	37	0.659 184	9.989 810	2	636	
		35		36			1		36
364	9.330 661	35	9.340 852	36	0.659 148	9.989 809	2	635	
365	9.330 695	34	9.340 888	36	0.659 112	9.989 807	2	634	
366	9.330 730	35	9.340 924	36	0.659 076	9.989 805	2	633	1 3.6
		34		36			1		2 7.2
367	9.330 764	34	9.340 960	36	0.659 040	9.989 804	2	632	3 10.8
368	9.330 799	35	9.340 997	37	0.659 003	9.989 802	2	631	4 14.4
369	9.330 833	34	9.341 033	36	0.658 967	9.989 800	2		5 18.0
		35		36			1	.630	6 21.6
.370	9.330 868	35	9.341 069	36	0.658 931	9.989 799	2	629	7 25.2
		35		36			2	628	8 28.8
371	9.330 903	34	9.341 105	37	0.658 895	9.989 797	1	627	9 32.4
372	9.330 937	35	9.341 142	36	0.658 858	9.989 795	2		
373	9.330 972	35	9.341 178	36	0.658 822	9.989 794	2	626	
		34		36			2	625	
374	9.331 006	35	9.341 214	36	0.658 786	9.989 792	1	624	
375	9.331 041	35	9.341 250	36	0.658 750	9.989 790	2		
376	9.331 075	34	9.341 286	36	0.658 714	9.989 789	2	623	
		35		37			2	622	35
377	9.331 110	34	9.341 323	36	0.658 677	9.989 787	2		
378	9.331 144	34	9.341 359	36	0.658 641	9.989 785	1	621	1 3.5
379	9.331 179	35	9.341 395	36	0.658 605	9.989 784	2		2 7.0
		34		36			1	.620	3 10.5
.380	9.331 213	35	9.341 431	36	0.658 569	9.989 782	2	619	4 14.0
		35		36			1	618	5 17.5
381	9.331 248	34	9.341 467	37	0.658 533	9.989 781	2	617	6 21.0
382	9.331 282	35	9.341 504	36	0.658 496	9.989 779	2	616	7 24.5
383	9.331 317	35	9.341 540	36	0.658 460	9.989 777	1	615	8 28.0
		35		36			2	614	9 31.5
384	9.331 352	34	9.341 576	36	0.658 424	9.989 776	1		
385	9.331 386	34	9.341 612	36	0.658 388	9.989 774	2	613	
386	9.331 421	35	9.341 648	36	0.658 352	9.989 772	2	612	
		34		37			1	611	
387	9.331 455	35	9.341 685	36	0.658 315	9.989 771	2		
388	9.331 490	35	9.341 721	36	0.658 279	9.989 769	2		
389	9.331 524	34	9.341 757	36	0.658 243	9.989 767	1		34
		35		36			2	.610	1 3.4
.390	9.331 559	34	9.341 793	36	0.658 207	9.989 766	1	609	2 6.8
		34		36			2	608	3 10.2
391	9.331 593	35	9.341 829	36	0.658 171	9.989 764	1	607	4 13.6
392	9.331 628	34	9.341 865	37	0.658 135	9.989 762	2	606	5 17.0
393	9.331 662	34	9.341 902	36	0.658 098	9.989 761	2	605	6 20.4
		35		36			1	604	7 23.8
394	9.331 697	35	9.341 938	36	0.658 062	9.989 759	2		8 27.2
395	9.331 731	34	9.341 974	36	0.658 026	9.989 757	2	603	9 30.6
396	9.331 766	35	9.342 010	36	0.657 990	9.989 756	1	602	
		34		36			2	601	
397	9.331 800	34	9.342 046	36	0.657 954	9.989 754	1		
398	9.331 835	35	9.342 082	36	0.657 918	9.989 752	2		
399	9.331 869	34	9.342 118	36	0.657 882	9.989 751	1		
		34		37			2	.600	
.400	9.331 903	35	9.342 155	36	0.657 845	9.989 749	1		
		35		36			2	.77°	P.P.
	cos	d	cotg	d	tang	sin	d		

77°.650 — 77°.600

12°.400 — 12°.450

12°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.331 903		9.342 155		0.657 845	9.989 749		.600	
401	9.331 938	35	9.342 191	36	0.657 809	9.989 747	2	599	
402	9.331 972	34	9.342 227	36	0.657 773	9.989 746	1	598	
403	9.332 007	35	9.342 263	36	0.657 737	9.989 744	2	597	
404	9.332 041	34	9.342 299	36	0.657 701	9.989 742	2	596	37
405	9.332 076	35	9.342 335	36	0.657 665	9.989 741	1	595	1 3.7
406	9.332 110	34	9.342 371	36	0.657 629	9.989 739	2	594	2 7.4
407	9.332 145	35	9.342 408	37	0.657 592	9.989 737	2	593	3 11.1
408	9.332 179	34	9.342 444	36	0.657 556	9.989 736	1	592	4 14.8
409	9.332 214	35	9.342 480	36	0.657 520	9.989 734	2	591	5 18.5
.410	9.332 248	34	9.342 516	36	0.657 484	9.989 732	2	.590	6 22.2
411	9.332 283	35	9.342 552	36	0.657 448	9.989 731	1	589	7 25.9
412	9.332 317	34	9.342 588	36	0.657 412	9.989 729	2	588	8 29.6
413	9.332 351	34	9.342 624	36	0.657 376	9.989 727	2	587	9 33.3
414	9.332 386	35	9.342 660	36	0.657 340	9.989 726	1	586	
415	9.332 420	34	9.342 696	36	0.657 304	9.989 724	2	585	
416	9.332 455	35	9.342 733	37	0.657 267	9.989 722	2	584	36
417	9.332 489	34	9.342 769	36	0.657 231	9.989 721	1	583	1 3.6
418	9.332 524	35	9.342 805	36	0.657 195	9.989 719	2	582	2 7.2
419	9.332 558	34	9.342 841	36	0.657 159	9.989 717	2	581	3 10.8
.420	9.332 592	34	9.342 877	36	0.657 123	9.989 716	1	.580	4 14.4
421	9.332 627	35	9.342 913	36	0.657 087	9.989 714	2	579	5 18.0
422	9.332 661	34	9.342 949	36	0.657 051	9.989 712	2	578	6 21.6
423	9.332 696	35	9.342 985	36	0.657 015	9.989 710	2	577	7 25.2
424	9.332 730	34	9.343 021	36	0.656 979	9.989 709	1	576	8 28.8
425	9.332 764	34	9.343 057	36	0.656 943	9.989 707	2	575	9 32.4
426	9.332 799	35	9.343 093	36	0.656 907	9.989 705	2	574	
427	9.332 833	34	9.343 129	36	0.656 871	9.989 704	1	573	
428	9.332 868	35	9.343 166	37	0.656 834	9.989 702	2	572	35
429	9.332 902	34	9.343 202	36	0.656 798	9.989 700	2	571	1 3.5
.430	9.332 936	34	9.343 238	36	0.656 762	9.989 699	1	.570	2 7.0
431	9.332 971	35	9.343 274	36	0.656 726	9.989 697	2	569	3 10.5
432	9.333 005	34	9.343 310	36	0.656 690	9.989 695	2	568	4 14.0
433	9.333 040	35	9.343 346	36	0.656 654	9.989 694	1	567	5 17.5
434	9.333 074	34	9.343 382	36	0.656 618	9.989 692	2	566	6 21.0
435	9.333 108	34	9.343 418	36	0.656 582	9.989 690	2	565	7 24.5
436	9.333 143	35	9.343 454	36	0.656 546	9.989 689	1	564	8 28.0
437	9.333 177	34	9.343 490	36	0.656 510	9.989 687	2	563	9 31.5
438	9.333 211	34	9.343 526	36	0.656 474	9.989 685	2	562	
439	9.333 246	35	9.343 562	36	0.656 438	9.989 684	1	561	
.440	9.333 280	34	9.343 598	36	0.656 402	9.989 682	2	.560	34
441	9.333 315	35	9.343 634	36	0.656 366	9.989 680	2	559	1 3.4
442	9.333 349	34	9.343 670	36	0.656 330	9.989 679	1	558	2 6.8
443	9.333 383	34	9.343 706	36	0.656 294	9.989 677	2	557	3 10.2
444	9.333 418	35	9.343 742	36	0.656 258	9.989 675	2	556	4 13.6
445	9.333 452	34	9.343 778	36	0.656 222	9.989 674	1	555	5 17.0
446	9.333 486	34	9.343 814	36	0.656 186	9.989 672	2	554	6 20.4
447	9.333 521	35	9.343 850	36	0.656 150	9.989 670	2	553	7 23.8
448	9.333 555	34	9.343 886	36	0.656 114	9.989 669	1	552	8 27.2
449	9.333 589	34	9.343 922	36	0.656 078	9.989 667	2	551	9 30.6
.450	9.333 624	35	9.343 958	36	0.656 042	9.989 665	2	.550	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.600 — 77°.550

12°.450 — 12°.500

12°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.333 624		9.343 958		0.656 042	9.989 665		.550	
45 ¹	9.333 658	34	9.343 994	36	0.656 006	9.989 664	1	549	
45 ²	9.333 692	34	9.344 030	36	0.655 970	9.989 662	2	548	
45 ³	9.333 727	35	9.344 066	36	0.655 934	9.989 660	2	547	
45 ⁴	9.333 761	34	9.344 102	36	0.655 898	9.989 659	1	546	
45 ⁵	9.333 795	34	9.344 138	36	0.655 862	9.989 657	2	545	
45 ⁶	9.333 830	35	9.344 174	36	0.655 826	9.989 655	2	544	
45 ⁷	9.333 864	34	9.344 210	36	0.655 790	9.989 654	1	543	36
45 ⁸	9.333 898	34	9.344 246	36	0.655 754	9.989 652	2	542	1 3.6
45 ⁹	9.333 933	35	9.344 282	36	0.655 718	9.989 650	2	541	2 7.2
.460	9.333 967	34	9.344 318	36	0.655 682	9.989 649	1	.540	3 10.8
46 ¹	9.334 001	34	9.344 354	36	0.655 646	9.989 647	2	539	4 14.4
46 ²	9.334 035	34	9.344 390	36	0.655 610	9.989 645	2	538	5 18.0
46 ³	9.334 070	35	9.344 426	36	0.655 574	9.989 644	1	537	6 21.6
46 ⁴	9.334 104	34	9.344 462	36	0.655 538	9.989 642	2	536	7 25.2
46 ⁵	9.334 138	34	9.344 498	36	0.655 502	9.989 640	2	535	8 28.8
46 ⁶	9.334 173	35	9.344 534	36	0.655 466	9.989 639	1	534	9 32.4
46 ⁷	9.334 207	34	9.344 570	36	0.655 430	9.989 637	2	533	
46 ⁸	9.334 241	34	9.344 606	36	0.655 394	9.989 635	2	532	
46 ⁹	9.334 275	34	9.344 642	36	0.655 358	9.989 634	1	531	
.470	9.334 310	35	9.344 678	36	0.655 322	9.989 632	2	.530	
47 ¹	9.334 344	34	9.344 714	36	0.655 286	9.989 630	2	529	35
47 ²	9.334 378	34	9.344 750	36	0.655 250	9.989 629	1	528	1 3.5
47 ³	9.334 413	35	9.344 786	36	0.655 214	9.989 627	2	527	2 7.0
47 ⁴	9.334 447	34	9.344 822	36	0.655 178	9.989 625	2	526	3 10.5
47 ⁵	9.334 481	34	9.344 858	36	0.655 142	9.989 623	2	525	4 14.0
47 ⁶	9.334 515	34	9.344 894	36	0.655 106	9.989 622	1	524	5 17.5
47 ⁷	9.334 550	35	9.344 929	35	0.655 071	9.989 620	2	523	6 21.0
47 ⁸	9.334 584	34	9.344 965	36	0.655 035	9.989 618	2	522	7 24.5
47 ⁹	9.334 618	34	9.345 001	36	0.654 999	9.989 617	1	521	8 28.0
.480	9.334 652	34	9.345 037	36	0.654 963	9.989 615	2	.520	9 31.5
48 ¹	9.334 687	35	9.345 073	36	0.654 927	9.989 613	2	519	
48 ²	9.334 721	34	9.345 109	36	0.654 891	9.989 612	1	518	
48 ³	9.334 755	34	9.345 145	36	0.654 855	9.989 610	2	517	
48 ⁴	9.334 789	34	9.345 181	36	0.654 819	9.989 608	2	516	
48 ⁵	9.334 824	35	9.345 217	36	0.654 783	9.989 607	1	515	
48 ⁶	9.334 858	34	9.345 253	36	0.654 747	9.989 605	2	514	34
48 ⁷	9.334 892	34	9.345 289	36	0.654 711	9.989 603	2	513	1 3.4
48 ⁸	9.334 926	34	9.345 325	36	0.654 675	9.989 602	1	512	2 6.8
48 ⁹	9.334 960	34	9.345 360	35	0.654 640	9.989 600	2	511	3 10.2
.490	9.334 995	35	9.345 396	36	0.654 604	9.989 598	2	.510	4 13.6
49 ¹	9.335 029	34	9.345 432	36	0.654 568	9.989 597	1	509	5 17.0
49 ²	9.335 063	34	9.345 468	36	0.654 532	9.989 595	2	508	6 20.4
49 ³	9.335 097	34	9.345 504	36	0.654 496	9.989 593	2	507	7 23.8
49 ⁴	9.335 132	35	9.345 540	36	0.654 460	9.989 592	1	506	8 27.2
49 ⁵	9.335 166	34	9.345 576	36	0.654 424	9.989 590	2	505	9 30.6
49 ⁶	9.335 200	34	9.345 612	36	0.654 388	9.989 588	2	504	
49 ⁷	9.335 234	34	9.345 648	36	0.654 352	9.989 587	1	503	
49 ⁸	9.335 268	34	9.345 683	35	0.654 317	9.989 585	2	502	
49 ⁹	9.335 303	35	9.345 719	36	0.654 281	9.989 583	2	501	
.500	9.335 337	34	9.345 755	36	0.654 245	9.989 582	1	.500	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.550 — 77°.500

12°.500 — 12°.550

12°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.335 337		9.345 755		0.654 245	9.989 582		.500	
501	9.335 371	34	9.345 791	36	0.654 209	9.989 580	2	499	
502	9.335 405	34	9.345 827	36	0.654 173	9.989 578	2	498	
503	9.335 439	34	9.345 863	36	0.654 137	9.989 576	2	497	
504	9.335 473	34	9.345 899	36	0.654 101	9.989 575	1	496	
505	9.335 508	35	9.345 935	36	0.654 065	9.989 573	2	495	
506	9.335 542	34	9.345 970	35	0.654 030	9.989 571	2	494	
507	9.335 576	34	9.346 006	36	0.653 994	9.989 570	1	493	36
508	9.335 610	34	9.346 042	36	0.653 958	9.989 568	2	492	1 3.6
509	9.335 644	34	9.346 078	36	0.653 922	9.989 566	2	491	2 7.2
.510	9.335 679	35	9.346 114	36	0.653 886	9.989 565	1	.490	3 10.8
511	9.335 713	34	9.346 150	36	0.653 850	9.989 563	2	489	4 14.4
512	9.335 747	34	9.346 185	35	0.653 815	9.989 561	2	488	5 18.0
513	9.335 781	34	9.346 221	36	0.653 779	9.989 560	1	487	6 21.6
514	9.335 815	34	9.346 257	36	0.653 743	9.989 558	2	486	7 25.2
515	9.335 849	34	9.346 293	36	0.653 707	9.989 556	2	485	8 28.8
516	9.335 883	34	9.346 329	36	0.653 671	9.989 555	1	484	9 32.4
517	9.335 918	35	9.346 365	36	0.653 635	9.989 553	2	483	
518	9.335 952	34	9.346 400	35	0.653 600	9.989 551	2	482	
519	9.335 986	34	9.346 436	36	0.653 564	9.989 550	1	481	
.520	9.336 020	34	9.346 472	36	0.653 528	9.989 548	2	.480	
521	9.336 054	34	9.346 508	36	0.653 492	9.989 546	2	479	35
522	9.336 088	34	9.346 544	36	0.653 456	9.989 545	1	478	
523	9.336 122	34	9.346 580	36	0.653 420	9.989 543	2	477	1 3.5
524	9.336 157	35	9.346 615	35	0.653 385	9.989 541	2	476	2 7.0
525	9.336 191	34	9.346 651	36	0.653 349	9.989 539	2	475	3 10.5
526	9.336 225	34	9.346 687	36	0.653 313	9.989 538	4	474	4 14.0
527	9.336 259	34	9.346 723	36	0.653 277	9.989 536	1	473	5 17.5
528	9.336 293	34	9.346 759	36	0.653 241	9.989 534	2	472	6 21.0
529	9.336 327	34	9.346 794	35	0.653 206	9.989 533	1	471	7 24.5
.530	9.336 361	34	9.346 830	36	0.653 170	9.989 531	2	.470	8 28.0
531	9.336 395	34	9.346 866	36	0.653 134	9.989 529	1	469	9 31.5
532	9.336 429	34	9.346 902	36	0.653 098	9.989 528	2	468	
533	9.336 464	35	9.346 938	36	0.653 062	9.989 526	2	467	
534	9.336 498	34	9.346 973	35	0.653 027	9.989 524	2	466	
535	9.336 532	34	9.347 009	36	0.652 991	9.989 523	1	465	
536	9.336 566	34	9.347 045	36	0.652 955	9.989 521	2	464	34
537	9.336 600	34	9.347 081	36	0.652 919	9.989 519	2	463	
538	9.336 634	34	9.347 116	35	0.652 884	9.989 518	1	462	1 3.4
539	9.336 668	34	9.347 152	36	0.652 848	9.989 516	2	461	2 6.8
.540	9.336 702	34	9.347 188	36	0.652 812	9.989 514	2	.460	3 10.2
541	9.336 736	34	9.347 224	36	0.652 776	9.989 512	2	459	4 13.6
542	9.336 770	34	9.347 259	35	0.652 741	9.989 511	1	458	5 17.0
543	9.336 804	34	9.347 295	36	0.652 705	9.989 509	2	457	6 20.4
544	9.336 838	34	9.347 331	36	0.652 669	9.989 507	2	456	7 23.8
545	9.336 872	34	9.347 367	36	0.652 633	9.989 506	1	455	8 27.2
546	9.336 907	35	9.347 402	35	0.652 598	9.989 504	2	454	9 30.6
547	9.336 941	34	9.347 438	36	0.652 562	9.989 502	2	453	
548	9.336 975	34	9.347 474	36	0.652 526	9.989 501	1	452	
549	9.337 009	34	9.347 510	36	0.652 490	9.989 499	2	451	
.550	9.337 043	34	9.347 545	35	0.652 455	9.989 497	2	.450	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.500 — 77°.450

12°.550 — 12°.600

12°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.337 043		9.347 545		0.652 455	9.989 497		.450	
551	9.337 077	34	9.347 581	36	0.652 419	9.989 496	1	449	
552	9.337 111	34	9.347 617	36	0.652 383	9.989 494	2	448	
553	9.337 145	34	9.347 653	36	0.652 347	9.989 492	2	447	
		34		35			1		36
554	9.337 179	34	9.347 688	35	0.652 312	9.989 491	1	446	
555	9.337 213	34	9.347 724	36	0.652 276	9.989 489	2	445	1 3.6
556	9.337 247	34	9.347 760	36	0.652 240	9.989 487	2	444	2 7.2
		34		36			1		3 10.8
557	9.337 281	34	9.347 796	36	0.652 204	9.989 486	1	443	4 14.4
558	9.337 315	34	9.347 831	35	0.652 169	9.989 484	2	442	5 18.0
559	9.337 349	34	9.347 867	36	0.652 133	9.989 482	2	441	6 21.6
		34		36			2		7 25.2
.560	9.337 383		9.347 903		0.652 097	9.989 480		.440	8 28.8
		34		35			1		9 32.4
561	9.337 417	34	9.347 938	35	0.652 062	9.989 479	1	439	
562	9.337 451	34	9.347 974	36	0.652 026	9.989 477	2	438	
563	9.337 485	34	9.348 010	36	0.651 990	9.989 475	2	437	
		34		36			1		
564	9.337 519	34	9.348 046	36	0.651 954	9.989 474	1	436	
565	9.337 553	34	9.348 081	35	0.651 919	9.989 472	2	435	
566	9.337 587	34	9.348 117	36	0.651 883	9.989 470	2	434	35
		34		36			1		1 3.5
567	9.337 621	34	9.348 153	36	0.651 847	9.989 469	1	433	2 7.0
568	9.337 655	34	9.348 188	35	0.651 812	9.989 467	2	432	3 10.5
569	9.337 689	34	9.348 224	36	0.651 776	9.989 465	2	431	4 14.0
		34		36			1		5 17.5
.570	9.337 723		9.348 260		0.651 740	9.989 464		.430	6 21.0
		34		35			2		7 24.5
571	9.337 757	34	9.348 295	35	0.651 705	9.989 462	2	429	8 28.0
572	9.337 791	34	9.348 331	36	0.651 669	9.989 460	2	428	9 31.5
573	9.337 825	34	9.348 367	36	0.651 633	9.989 458	2	427	
		34		35			1		
574	9.337 859	34	9.348 402	35	0.651 598	9.989 457	1	426	
575	9.337 893	34	9.348 438	36	0.651 562	9.989 455	2	425	
576	9.337 927	34	9.348 474	36	0.651 526	9.989 453	2	424	
		34		35			1		
577	9.337 961	34	9.348 509	35	0.651 491	9.989 452	1	423	34
578	9.337 995	34	9.348 545	36	0.651 455	9.989 450	2	422	1 3.4
579	9.338 029	34	9.348 581	36	0.651 419	9.989 448	2	421	2 6.8
		34		35			1		3 10.2
.580	9.338 063		9.348 616		0.651 384	9.989 447		.420	4 13.6
		34		36			2		5 17.0
581	9.338 097	34	9.348 652	36	0.651 348	9.989 445	2	419	6 20.4
582	9.338 131	34	9.348 688	36	0.651 312	9.989 443	2	418	7 23.8
583	9.338 165	34	9.348 723	35	0.651 277	9.989 442	1	417	8 27.2
		34		36			2		9 30.6
584	9.338 199	34	9.348 759	36	0.651 241	9.989 440	2	416	
585	9.338 233	34	9.348 795	36	0.651 205	9.989 438	2	415	
586	9.338 267	34	9.348 830	35	0.651 170	9.989 436	2	414	
		34		36			1		
587	9.338 301	34	9.348 866	36	0.651 134	9.989 435	1	413	
588	9.338 335	34	9.348 902	36	0.651 098	9.989 433	2	412	
589	9.338 369	34	9.348 937	35	0.651 063	9.989 431	2	411	
		34		36			1		33
.590	9.338 403		9.348 973		0.651 027	9.989 430		.410	1 3.3
		33		35			2		2 6.6
591	9.338 436	34	9.349 008	35	0.650 992	9.989 428	2	409	3 9.9
592	9.338 470	34	9.349 044	36	0.650 956	9.989 426	2	408	4 13.2
593	9.338 504	34	9.349 080	36	0.650 920	9.989 425	1	407	5 16.5
		34		35			2		6 19.8
594	9.338 538	34	9.349 115	35	0.650 885	9.989 423	2	406	7 23.1
595	9.338 572	34	9.349 151	36	0.650 849	9.989 421	2	405	8 26.4
596	9.338 606	34	9.349 187	36	0.650 813	9.989 420	1	404	9 29.7
		34		35			2		
597	9.338 640	34	9.349 222	35	0.650 778	9.989 418	2	403	
598	9.338 674	34	9.349 258	36	0.650 742	9.989 416	2	402	
599	9.338 708	34	9.349 293	35	0.650 707	9.989 414	2	401	
		34		36			1		
.600	9.338 742		9.349 329		0.650 671	9.989 413		.400	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.450 — 77°.400

12°.600 — 12°.650

12°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.338 742		9.349 329		0.650 671	9.989 413		.400	
601	9.338 776	34	9.349 365	36	0.650 635	9.989 411	2	399	
602	9.338 810	34	9.349 400	35	0.650 600	9.989 409	2	398	
603	9.338 843	33	9.349 436	36	0.650 564	9.989 408	1	397	
604	9.338 877	34	9.349 471	35	0.650 529	9.989 406	2	396	36
605	9.338 911	34	9.349 507	36	0.650 493	9.989 404	2	395	1 3.6
606	9.338 945	34	9.349 543	36	0.650 457	9.989 403	1	394	2 7.2
607	9.338 979	34	9.349 578	35	0.650 422	9.989 401	2	393	3 10.8
608	9.339 013	34	9.349 614	36	0.650 386	9.989 399	2	392	4 14.4
609	9.339 047	34	9.349 649	35	0.650 351	9.989 398	1	391	5 18.0
.610	9.339 081	34	9.349 685	36	0.650 315	9.989 396	2	.390	6 21.6
611	9.339 115	34	9.349 720	35	0.650 280	9.989 394	2	389	7 25.2
612	9.339 148	33	9.349 756	36	0.650 244	9.989 392	2	388	8 28.8
613	9.339 182	34	9.349 792	36	0.650 208	9.989 391	1	387	9 32.4
614	9.339 216	34	9.349 827	35	0.650 173	9.989 389	2	386	
615	9.339 250	34	9.349 863	36	0.650 137	9.989 387	2	385	
616	9.339 284	34	9.349 898	35	0.650 102	9.989 386	1	384	35
617	9.339 318	34	9.349 934	36	0.650 066	9.989 384	2	383	1 3.5
618	9.339 352	34	9.349 969	35	0.650 031	9.989 382	2	382	2 7.0
619	9.339 386	34	9.350 005	36	0.649 995	9.989 381	1	381	3 10.5
.620	9.339 419	33	9.350 041	36	0.649 959	9.989 379	2	.380	4 14.0
621	9.339 453	34	9.350 076	35	0.649 924	9.989 377	2	379	5 17.5
622	9.339 487	34	9.350 112	36	0.649 888	9.989 375	2	378	6 21.0
623	9.339 521	34	9.350 147	35	0.649 853	9.989 374	1	377	7 24.5
624	9.339 555	34	9.350 183	36	0.649 817	9.989 372	2	376	8 28.0
625	9.339 589	34	9.350 218	35	0.649 782	9.989 370	1	375	9 31.5
626	9.339 622	33	9.350 254	36	0.649 746	9.989 369	2	374	
627	9.339 656	34	9.350 289	35	0.649 711	9.989 367	2	373	34
628	9.339 690	34	9.350 325	36	0.649 675	9.989 365	2	372	
629	9.339 724	34	9.350 360	35	0.649 640	9.989 364	1	371	1 3.4
.630	9.339 758	34	9.350 396	36	0.649 604	9.989 362	2	.370	2 6.8
631	9.339 792	34	9.350 431	35	0.649 569	9.989 360	2	369	3 10.2
632	9.339 825	33	9.350 467	36	0.649 533	9.989 358	2	368	4 13.6
633	9.339 859	34	9.350 503	36	0.649 497	9.989 357	1	367	5 17.0
634	9.339 893	34	9.350 538	35	0.649 462	9.989 355	2	366	6 20.4
635	9.339 927	34	9.350 574	36	0.649 426	9.989 353	2	365	7 23.8
636	9.339 961	34	9.350 609	35	0.649 391	9.989 352	1	364	8 27.2
637	9.339 995	34	9.350 645	36	0.649 355	9.989 350	2	363	9 30.6
638	9.340 028	33	9.350 680	35	0.649 320	9.989 348	2	362	
639	9.340 062	34	9.350 716	36	0.649 284	9.989 347	1	361	
.640	9.340 096	34	9.350 751	35	0.649 249	9.989 345	2	.360	33
641	9.340 130	34	9.350 787	36	0.649 213	9.989 343	2	359	1 3.3
642	9.340 164	34	9.350 822	35	0.649 178	9.989 341	2	358	2 6.6
643	9.340 197	33	9.350 858	36	0.649 142	9.989 340	1	357	3 9.9
644	9.340 231	34	9.350 893	35	0.649 107	9.989 338	2	356	4 13.2
645	9.340 265	34	9.350 929	36	0.649 071	9.989 336	2	355	5 16.5
646	9.340 299	34	9.350 964	35	0.649 036	9.989 335	1	354	6 19.8
647	9.340 332	33	9.350 999	35	0.649 001	9.989 333	2	353	7 23.1
648	9.340 366	34	9.351 035	36	0.648 965	9.989 331	2	352	8 26.4
649	9.340 400	34	9.351 070	35	0.648 930	9.989 330	1	351	9 29.7
.650	9.340 434	34	9.351 106	36	0.648 894	9.989 328	2	.350	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.400 — 77°.350

12°.650 — 12°.700

12°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.340 434		9.351 106		0.648 894	9.989 328		.350	
651	9.340 468	34	9.351 141	35	0.648 859	9.989 326	2	349	
652	9.340 501	33	9.351 177	36	0.648 823	9.989 324	2	348	
653	9.340 535	34	9.351 212	35	0.648 788	9.989 323	1	347	
				36			2		36
654	9.340 569	34	9.351 248	35	0.648 752	9.989 321	2	346	
655	9.340 603	34	9.351 283	35	0.648 717	9.989 319	2	345	1 3.6
656	9.340 636	33	9.351 319	36	0.648 681	9.989 318	1	344	2 7.2
							2		3 10.8
657	9.340 670	34	9.351 354	35	0.648 646	9.989 316	2	343	4 14.4
658	9.340 704	34	9.351 390	36	0.648 610	9.989 314	2	342	5 18.0
659	9.340 738	34	9.351 425	35	0.648 575	9.989 313	1	341	6 21.6
				36			2		7 25.2
.660	9.340 771	33	9.351 461	35	0.648 539	9.989 311	2	.340	8 28.8
		34		35			2		9 32.4
661	9.340 805	34	9.351 496	35	0.648 504	9.989 309	2	339	
662	9.340 839	34	9.351 531	35	0.648 469	9.989 307	2	338	
663	9.340 873	34	9.351 567	36	0.648 433	9.989 306	1	337	
				35			2		
664	9.340 906	33	9.351 602	35	0.648 398	9.989 304	2	336	
665	9.340 940	34	9.351 638	36	0.648 362	9.989 302	2	335	
666	9.340 974	34	9.351 673	35	0.648 327	9.989 301	1	334	35
				36			2		
667	9.341 008	34	9.351 709	35	0.648 291	9.989 299	2	333	1 3.5
668	9.341 041	33	9.351 744	35	0.648 256	9.989 297	2	332	2 7.0
669	9.341 075	34	9.351 779	35	0.648 221	9.989 296	1	331	3 10.5
				36			2		4 14.0
.670	9.341 109	34	9.351 815	35	0.648 185	9.989 294	2	.330	5 17.5
		33		35			2		6 21.0
671	9.341 142	34	9.351 850	36	0.648 150	9.989 292	2	329	7 24.5
672	9.341 176	34	9.351 886	35	0.648 114	9.989 290	2	328	8 28.0
673	9.341 210	34	9.351 921	35	0.648 079	9.989 289	1	327	9 31.5
				36			2		
674	9.341 244	34	9.351 957	35	0.648 043	9.989 287	2	326	
675	9.341 277	33	9.351 992	35	0.648 008	9.989 285	2	325	
676	9.341 311	34	9.352 027	35	0.647 973	9.989 284	1	324	
				36			2		
677	9.341 345	34	9.352 063	35	0.647 937	9.989 282	2	323	34
678	9.341 378	33	9.352 098	35	0.647 902	9.989 280	2	322	
679	9.341 412	34	9.352 134	36	0.647 866	9.989 278	2	321	1 3.4
				35			1		2 6.8
.680	9.341 446	34	9.352 169	35	0.647 831	9.989 277	2	.320	3 10.2
		33		35			2		4 13.6
681	9.341 479	34	9.352 204	36	0.647 796	9.989 275	2	319	5 17.0
682	9.341 513	34	9.352 240	35	0.647 760	9.989 273	2	318	6 20.4
683	9.341 547	34	9.352 275	35	0.647 725	9.989 272	1	317	7 23.8
				36			2		8 27.2
684	9.341 580	33	9.352 311	35	0.647 689	9.989 270	2	316	9 30.6
685	9.341 614	34	9.352 346	35	0.647 654	9.989 268	2	315	
686	9.341 648	34	9.352 381	35	0.647 619	9.989 267	1	314	
				36			2		
687	9.341 681	33	9.352 417	35	0.647 583	9.989 265	2	313	
688	9.341 715	34	9.352 452	35	0.647 548	9.989 263	2	312	
689	9.341 749	34	9.352 487	35	0.647 513	9.989 261	2	311	
				36			1		33
.690	9.341 782	33	9.352 523	35	0.647 477	9.989 260	1	.310	1 3.3
		34		35			2		2 6.6
691	9.341 816	34	9.352 558	35	0.647 442	9.989 258	2	309	3 9.9
692	9.341 850	34	9.352 593	35	0.647 407	9.989 256	2	308	4 13.2
693	9.341 883	33	9.352 629	36	0.647 371	9.989 255	1	307	5 16.5
				35			2		6 19.8
694	9.341 917	34	9.352 664	35	0.647 336	9.989 253	2	306	7 23.1
695	9.341 951	34	9.352 700	36	0.647 300	9.989 251	2	305	8 26.4
696	9.341 984	33	9.352 735	35	0.647 265	9.989 249	2	304	9 29.7
				35			1		
697	9.342 018	34	9.352 770	35	0.647 230	9.989 248	2	303	
698	9.342 052	34	9.352 806	36	0.647 194	9.989 246	2	302	
699	9.342 085	33	9.352 841	35	0.647 159	9.989 244	2	301	
				35			1		
.700	9.342 119	34	9.352 876	35	0.647 124	9.989 243	1	.300	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.350 — 77°.300

12°.700 — 12°.750

12°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.342 119		9.352 876		0.647 124	9.989 243		.300	
701	9.342 153	34	9.352 912	36	0.647 088	9.989 241	2	299	
702	9.342 186	33	9.352 947	35	0.647 053	9.989 239	2	298	
703	9.342 220	34	9.352 982	35	0.647 018	9.989 238	1	297	
704	9.342 253	33	9.353 018	36	0.646 982	9.989 236	2	296	36
705	9.342 287	34	9.353 053	35	0.646 947	9.989 234	2	295	1 3.6
706	9.342 321	34	9.353 088	35	0.646 912	9.989 232	2	294	2 7.2
707	9.342 354	33	9.353 124	36	0.646 876	9.989 231	1	293	3 10.8
708	9.342 388	34	9.353 159	35	0.646 841	9.989 229	2	292	4 14.4
709	9.342 422	34	9.353 194	35	0.646 806	9.989 227	2	291	5 18.0
.710	9.342 455	33	9.353 230	36	0.646 770	9.989 226	1	.290	6 21.6
711	9.342 489	34	9.353 265	35	0.646 735	9.989 224	2	289	7 25.2
712	9.342 522	33	9.353 300	35	0.646 700	9.989 222	2	288	8 28.8
713	9.342 556	34	9.353 336	36	0.646 664	9.989 220	2	287	9 32.4
714	9.342 590	34	9.353 371	35	0.646 629	9.989 219	1	286	
715	9.342 623	33	9.353 406	35	0.646 594	9.989 217	2	285	
716	9.342 657	34	9.353 441	35	0.646 559	9.989 215	2	284	35
717	9.342 690	33	9.353 477	36	0.646 523	9.989 214	1	283	1 3.5
718	9.342 724	34	9.353 512	35	0.646 488	9.989 212	2	282	2 7.0
719	9.342 758	34	9.353 547	35	0.646 453	9.989 210	2	281	3 10.5
.720	9.342 791	33	9.353 583	36	0.646 417	9.989 208	2	.280	4 14.0
721	9.342 825	34	9.353 618	35	0.646 382	9.989 207	1	279	5 17.5
722	9.342 858	33	9.353 653	35	0.646 347	9.989 205	2	278	6 21.0
723	9.342 892	34	9.353 689	36	0.646 311	9.989 203	2	277	7 24.5
724	9.342 925	33	9.353 724	35	0.646 276	9.989 202	1	276	8 28.0
725	9.342 959	34	9.353 759	35	0.646 241	9.989 200	2	275	9 31.5
726	9.342 993	34	9.353 794	35	0.646 206	9.989 198	2	274	
727	9.343 026	33	9.353 830	36	0.646 170	9.989 196	2	273	
728	9.343 060	34	9.353 865	35	0.646 135	9.989 195	1	272	34
729	9.343 093	33	9.353 900	35	0.646 100	9.989 193	2	271	1 3.4
.730	9.343 127	34	9.353 935	35	0.646 065	9.989 191	2	.270	2 6.8
731	9.343 160	33	9.353 971	36	0.646 029	9.989 190	1	269	3 10.2
732	9.343 194	34	9.354 006	35	0.645 994	9.989 188	2	268	4 13.6
733	9.343 227	33	9.354 041	35	0.645 959	9.989 186	2	267	5 17.0
734	9.343 261	34	9.354 076	35	0.645 924	9.989 184	2	266	6 20.4
735	9.343 295	34	9.354 112	36	0.645 888	9.989 183	2	265	7 23.8
736	9.343 328	33	9.354 147	35	0.645 853	9.989 181	2	264	8 27.2
737	9.343 362	34	9.354 182	35	0.645 818	9.989 179	1	263	9 30.6
738	9.343 395	33	9.354 217	35	0.645 783	9.989 178	2	262	
739	9.343 429	34	9.354 253	36	0.645 747	9.989 176	2	261	
.740	9.343 462	33	9.354 288	35	0.645 712	9.989 174	2	.260	33
741	9.343 496	34	9.354 323	35	0.645 677	9.989 172	2	259	1 3.3
742	9.343 529	33	9.354 358	35	0.645 642	9.989 171	1	258	2 6.6
743	9.343 563	34	9.354 394	36	0.645 606	9.989 169	2	257	3 9.9
744	9.343 596	33	9.354 429	35	0.645 571	9.989 167	2	256	4 13.2
745	9.343 630	34	9.354 464	35	0.645 536	9.989 166	1	255	5 16.5
746	9.343 663	33	9.354 499	35	0.645 501	9.989 164	2	254	6 19.8
747	9.343 697	34	9.354 535	36	0.645 465	9.989 162	2	253	7 23.1
748	9.343 730	33	9.354 570	35	0.645 430	9.989 160	2	252	8 26.4
749	9.343 764	34	9.354 605	35	0.645 395	9.989 159	1	251	9 29.7
.750	9.343 797	33	9.354 640	35	0.645 360	9.989 157	2	.250	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.300 — 77°.250

12°.750 — 12°.800

12°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.343 797		9.354 640		0.645 360	9.989 157		.250	
751	9.343 831	34	9.354 675	35	0.645 325	9.989 155	2	249	
752	9.343 864	33	9.354 711	36	0.645 289	9.989 154	1	248	
753	9.343 898	34	9.354 746	35	0.645 254	9.989 152	2	247	
		33		35			2		36
754	9.343 931	33	9.354 781	35	0.645 219	9.989 150	2	246	
755	9.343 965	34	9.354 816	35	0.645 184	9.989 148	2	245	1 3.6
756	9.343 998	33	9.354 851	35	0.645 149	9.989 147	1	244	2 7.2
		34		36			2		3 10.8
757	9.344 032	34	9.354 887	35	0.645 113	9.989 145	2	243	4 14.4
758	9.344 065	33	9.354 922	35	0.645 078	9.989 143	2	242	5 18.0
759	9.344 099	34	9.354 957	35	0.645 043	9.989 142	1	241	6 21.6
		33		35			2		7 25.2
.760	9.344 132		9.354 992		0.645 008	9.989 140		.240	8 28.8
		34		35			2		9 32.4
761	9.344 166	33	9.355 027	35	0.644 973	9.989 138	2	239	
762	9.344 199	33	9.355 063	36	0.644 937	9.989 136	2	238	
763	9.344 233	34	9.355 098	35	0.644 902	9.989 135	1	237	
		33		35			2		35
764	9.344 266	33	9.355 133	35	0.644 867	9.989 133	2	236	
765	9.344 299	33	9.355 168	35	0.644 832	9.989 131	2	235	
766	9.344 333	34	9.355 203	35	0.644 797	9.989 130	1	234	
		33		35			2		1 3.5
767	9.344 366	33	9.355 238	35	0.644 762	9.989 128	2	233	2 7.0
768	9.344 400	34	9.355 274	36	0.644 726	9.989 126	2	232	3 10.5
769	9.344 433	33	9.355 309	35	0.644 691	9.989 124	2	231	4 14.0
		34		35			1		5 17.5
.770	9.344 467		9.355 344		0.644 656	9.989 123		.230	6 21.0
		33		35			2		7 24.5
771	9.344 500	34	9.355 379	35	0.644 621	9.989 121	2	229	8 28.0
772	9.344 534	33	9.355 414	35	0.644 586	9.989 119	1	228	9 31.5
773	9.344 567	33	9.355 449	35	0.644 551	9.989 118	2	227	
		33		36			2		
774	9.344 600	34	9.355 485	35	0.644 515	9.989 116	2	226	
775	9.344 634	33	9.355 520	35	0.644 480	9.989 114	2	225	
776	9.344 667	33	9.355 555	35	0.644 445	9.989 112	2	224	
		34		35			1		
777	9.344 701	33	9.355 590	35	0.644 410	9.989 111	2	223	34
778	9.344 734	33	9.355 625	35	0.644 375	9.989 109	2	222	
779	9.344 768	34	9.355 660	35	0.644 340	9.989 107	2	221	
		33		35			1		1 3.4
.780	9.344 801		9.355 695		0.644 305	9.989 106		.220	2 6.8
		33		36			2		3 10.2
781	9.344 834	33	9.355 731	35	0.644 269	9.989 104	2	219	4 13.6
782	9.344 868	34	9.355 766	35	0.644 234	9.989 102	2	218	5 17.0
783	9.344 901	33	9.355 801	35	0.644 199	9.989 100	2	217	6 20.4
		34		35			1		7 23.8
784	9.344 935	33	9.355 836	35	0.644 164	9.989 099	2	216	8 27.2
785	9.344 968	33	9.355 871	35	0.644 129	9.989 097	2	215	9 30.6
786	9.345 001	33	9.355 906	35	0.644 094	9.989 095	2	214	
		34		35			1		
787	9.345 035	33	9.355 941	35	0.644 059	9.989 094	2	213	
788	9.345 068	33	9.355 976	35	0.644 024	9.989 092	2	212	
789	9.345 102	34	9.356 012	36	0.643 988	9.989 090	2	211	
		33		35			2		33
.790	9.345 135		9.356 047		0.643 953	9.989 088		.210	
		33		35			1		1 3.3
791	9.345 168	33	9.356 082	35	0.643 918	9.989 087	1	209	2 6.6
792	9.345 202	34	9.356 117	35	0.643 883	9.989 085	2	208	3 9.9
793	9.345 235	33	9.356 152	35	0.643 848	9.989 083	2	207	4 13.2
		34		35			2		5 16.5
794	9.345 269	33	9.356 187	35	0.643 813	9.989 081	2	206	6 19.8
795	9.345 302	33	9.356 222	35	0.643 778	9.989 080	1	205	7 23.1
796	9.345 335	33	9.356 257	35	0.643 743	9.989 078	2	204	8 26.4
		34		35			2		9 29.7
797	9.345 369	33	9.356 292	35	0.643 708	9.989 076	2	203	
798	9.345 402	33	9.356 327	35	0.643 673	9.989 075	1	202	
799	9.345 435	33	9.356 363	36	0.643 637	9.989 073	2	201	
		34		35			2		
.800	9.345 469		9.356 398		0.643 602	9.989 071		.200	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.250 — 77°.200

12°.800 — 12°.850

12°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.345 469		9.356 398		0.643 602	9.989 071		.200	
801	9.345 502	33	9.356 433	35	0.643 567	9.989 069	2	199	
802	9.345 536	34	9.356 468	35	0.643 532	9.989 068	1	198	
803	9.345 569	33	9.356 503	35	0.643 497	9.989 066	2	197	
804	9.345 602	33	9.356 538	35	0.643 462	9.989 064	2	196	36
805	9.345 636	34	9.356 573	35	0.643 427	9.989 063	1	195	1 3.6
806	9.345 669	33	9.356 608	35	0.643 392	9.989 061	2	194	2 7.2
807	9.345 702	33	9.356 643	35	0.643 357	9.989 059	2	193	3 10.8
808	9.345 736	34	9.356 678	35	0.643 322	9.989 057	2	192	4 14.4
809	9.345 769	33	9.356 713	35	0.643 287	9.989 056	1	191	5 18.0
.810	9.345 802	33	9.356 748	35	0.643 252	9.989 054	2	.190	6 21.6
811	9.345 836	34	9.356 783	35	0.643 217	9.989 052	2	189	7 25.2
812	9.345 869	33	9.356 819	36	0.643 181	9.989 050	2	188	8 28.8
813	9.345 902	33	9.356 854	35	0.643 146	9.989 049	1	187	9 32.4
814	9.345 936	34	9.356 889	35	0.643 111	9.989 047	2	186	
815	9.345 969	33	9.356 924	35	0.643 076	9.989 045	2	185	
816	9.346 002	33	9.356 959	35	0.643 041	9.989 044	1	184	35
817	9.346 036	34	9.356 994	35	0.643 006	9.989 042	2	183	1 3.5
818	9.346 069	33	9.357 029	35	0.642 971	9.989 040	2	182	2 7.0
819	9.346 102	33	9.357 064	35	0.642 936	9.989 038	2	181	3 10.5
.820	9.346 136	34	9.357 099	35	0.642 901	9.989 037	1	.180	4 14.0
821	9.346 169	33	9.357 134	35	0.642 866	9.989 035	2	179	5 17.5
822	9.346 202	33	9.357 169	35	0.642 831	9.989 033	2	178	6 21.0
823	9.346 235	33	9.357 204	35	0.642 796	9.989 031	2	177	7 24.5
824	9.346 269	34	9.357 239	35	0.642 761	9.989 030	1	176	8 28.0
825	9.346 302	33	9.357 274	35	0.642 726	9.989 028	2	175	9 31.5
826	9.346 335	33	9.357 309	35	0.642 691	9.989 026	2	174	
827	9.346 369	34	9.357 344	35	0.642 656	9.989 025	1	173	
828	9.346 402	33	9.357 379	35	0.642 621	9.989 023	2	172	34
829	9.346 435	33	9.357 414	35	0.642 586	9.989 021	2	171	1 3.4
.830	9.346 468	33	9.357 449	35	0.642 551	9.989 019	2	.170	2 6.8
831	9.346 502	34	9.357 484	35	0.642 516	9.989 018	1	169	3 10.2
832	9.346 535	33	9.357 519	35	0.642 481	9.989 016	2	168	4 13.6
833	9.346 568	33	9.357 554	35	0.642 446	9.989 014	2	167	5 17.0
834	9.346 602	34	9.357 589	35	0.642 411	9.989 013	1	166	6 20.4
835	9.346 635	33	9.357 624	35	0.642 376	9.989 011	2	165	7 23.8
836	9.346 668	33	9.357 659	35	0.642 341	9.989 009	2	164	8 27.2
837	9.346 701	33	9.357 694	35	0.642 306	9.989 007	2	163	9 30.6
838	9.346 735	34	9.357 729	35	0.642 271	9.989 006	1	162	
839	9.346 768	33	9.357 764	35	0.642 236	9.989 004	2	161	
.840	9.346 801	33	9.357 799	35	0.642 201	9.989 002	2	.160	33
841	9.346 834	33	9.357 834	35	0.642 166	9.989 000	2	159	1 3.3
842	9.346 868	34	9.357 869	35	0.642 131	9.988 999	1	158	2 6.6
843	9.346 901	33	9.357 904	35	0.642 096	9.988 997	2	157	3 9.9
844	9.346 934	33	9.357 939	35	0.642 061	9.988 995	2	156	4 13.2
845	9.346 967	33	9.357 974	35	0.642 026	9.988 994	1	155	5 16.5
846	9.347 001	34	9.358 009	35	0.641 991	9.988 992	2	154	6 19.8
847	9.347 034	33	9.358 044	35	0.641 956	9.988 990	2	153	7 23.1
848	9.347 067	33	9.358 079	35	0.641 921	9.988 988	2	152	8 26.4
849	9.347 100	33	9.358 114	35	0.641 886	9.988 987	1	151	9 29.7
.850	9.347 134	34	9.358 149	35	0.641 851	9.988 985	2	.150	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.200 — 77°.150

12°.850 — 12°.900

12°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.347 134		9.358 149		0.641 851	9.988 985		.150	
851	9.347 167	33	9.358 184	35	0.641 816	9.988 983	2	149	
852	9.347 200	33	9.358 219	35	0.641 781	9.988 981	2	148	
853	9.347 233	33	9.358 254	35	0.641 746	9.988 980	1	147	
854	9.347 266	33	9.358 289	35	0.641 711	9.988 978	2	146	
855	9.347 300	34	9.358 323	34	0.641 677	9.988 976	2	145	
856	9.347 333	33	9.358 358	35	0.641 642	9.988 974	2	144	
857	9.347 366	33	9.358 393	35	0.641 607	9.988 973	1	143	35
858	9.347 399	33	9.358 428	35	0.641 572	9.988 971	2	142	1 3.5
859	9.347 433	34	9.358 463	35	0.641 537	9.988 969	2	141	2 7.0
.860	9.347 466	33	9.358 498	35	0.641 502	9.988 968	1	.140	3 10.5
861	9.347 499	33	9.358 533	35	0.641 467	9.988 966	2	139	4 14.0
862	9.347 532	33	9.358 568	35	0.641 432	9.988 964	2	138	5 17.5
863	9.347 565	33	9.358 603	35	0.641 397	9.988 962	2	137	6 21.0
864	9.347 599	34	9.358 638	35	0.641 362	9.988 961	1	136	7 24.5
865	9.347 632	33	9.358 673	35	0.641 327	9.988 959	2	135	8 28.0
866	9.347 665	33	9.358 708	35	0.641 292	9.988 957	2	134	9 31.5
867	9.347 698	33	9.358 743	35	0.641 257	9.988 955	2	133	
868	9.347 731	33	9.358 778	35	0.641 222	9.988 954	1	132	
869	9.347 764	33	9.358 812	34	0.641 188	9.988 952	2	131	
.870	9.347 798	34	9.358 847	35	0.641 153	9.988 950	2	.130	
871	9.347 831	33	9.358 882	35	0.641 118	9.988 949	1	129	34
872	9.347 864	33	9.358 917	35	0.641 083	9.988 947	2	128	
873	9.347 897	33	9.358 952	35	0.641 048	9.988 945	2	127	1 3.4
874	9.347 930	33	9.358 987	35	0.641 013	9.988 943	2	126	2 6.8
875	9.347 963	33	9.359 022	35	0.640 978	9.988 942	1	125	3 10.2
876	9.347 997	34	9.359 057	35	0.640 943	9.988 940	2	124	4 13.6
877	9.348 030	33	9.359 092	35	0.640 908	9.988 938	2	123	5 17.0
878	9.348 063	33	9.359 127	35	0.640 873	9.988 936	2	122	6 20.4
879	9.348 096	33	9.359 161	34	0.640 839	9.988 935	1	121	7 23.8
.880	9.348 129	33	9.359 196	35	0.640 804	9.988 933	2	.120	8 27.2
881	9.348 162	33	9.359 231	35	0.640 769	9.988 931	2	119	9 30.6
882	9.348 196	34	9.359 266	35	0.640 734	9.988 929	2	118	
883	9.348 229	33	9.359 301	35	0.640 699	9.988 928	1	117	
884	9.348 262	33	9.359 336	35	0.640 664	9.988 926	2	116	
885	9.348 295	33	9.359 371	35	0.640 629	9.988 924	2	115	
886	9.348 328	33	9.359 406	35	0.640 594	9.988 923	1	114	
887	9.348 361	33	9.359 440	34	0.640 560	9.988 921	2	113	33
888	9.348 394	33	9.359 475	35	0.640 525	9.988 919	2	112	1 3.3
889	9.348 427	33	9.359 510	35	0.640 490	9.988 917	2	111	2 6.6
.890	9.348 461	34	9.359 545	35	0.640 455	9.988 916	1	.110	3 9.9
891	9.348 494	33	9.359 580	35	0.640 420	9.988 914	2	109	4 13.2
892	9.348 527	33	9.359 615	35	0.640 385	9.988 912	2	108	5 16.5
893	9.348 560	33	9.359 650	35	0.640 350	9.988 910	2	107	6 19.8
894	9.348 593	33	9.359 684	34	0.640 316	9.988 909	1	106	7 23.1
895	9.348 626	33	9.359 719	35	0.640 281	9.988 907	2	105	8 26.4
896	9.348 659	33	9.359 754	35	0.640 246	9.988 905	2	104	9 29.7
897	9.348 692	33	9.359 789	35	0.640 211	9.988 903	2	103	
898	9.348 725	33	9.359 824	35	0.640 176	9.988 902	1	102	
899	9.348 759	34	9.359 859	35	0.640 141	9.988 900	2	101	
.900	9.348 792	33	9.359 893	34	0.640 107	9.988 898	2	.100	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.150 — 77°.100

12°.900 — 12°.950

12°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.348 792		9.359 893		0.640 107	9.988 898		.100	
901	9.348 825	33	9.359 928	35	0.640 072	9.988 896	2	099	
902	9.348 858	33	9.359 963	35	0.640 037	9.988 895	1	098	
903	9.348 891	33	9.359 998	35	0.640 002	9.988 893	2	097	
904	9.348 924	33	9.360 033	35	0.639 967	9.988 891	2	096	
905	9.348 957	33	9.360 068	35	0.639 932	9.988 890	1	095	
906	9.348 990	33	9.360 102	34	0.639 898	9.988 888	2	094	
907	9.349 023	33	9.360 137	35	0.639 863	9.988 886	2	093	35
908	9.349 056	33	9.360 172	35	0.639 828	9.988 884	2	092	1 3.5
909	9.349 089	33	9.360 207	35	0.639 793	9.988 883	1	091	2 7.0
.910	9.349 123	34	9.360 242	35	0.639 758	9.988 881	2	.090	3 10.5
911	9.349 156	33	9.360 276	34	0.639 724	9.988 879	2	089	4 14.0
912	9.349 189	33	9.360 311	35	0.639 689	9.988 877	2	088	5 17.5
913	9.349 222	33	9.360 346	35	0.639 654	9.988 876	1	087	6 21.0
914	9.349 255	33	9.360 381	35	0.639 619	9.988 874	2	086	7 24.5
915	9.349 288	33	9.360 416	35	0.639 584	9.988 872	2	085	8 28.0
916	9.349 321	33	9.360 450	34	0.639 550	9.988 870	2	084	9 31.5
917	9.349 354	33	9.360 485	35	0.639 515	9.988 869	1	083	
918	9.349 387	33	9.360 520	35	0.639 480	9.988 867	2	082	
919	9.349 420	33	9.360 555	35	0.639 445	9.988 865	2	081	
.920	9.349 453	33	9.360 590	35	0.639 410	9.988 863	2	.080	
921	9.349 486	33	9.360 624	34	0.639 376	9.988 862	1	079	34
922	9.349 519	33	9.360 659	35	0.639 341	9.988 860	2	078	
923	9.349 552	33	9.360 694	35	0.639 306	9.988 858	2	077	1 3.4
924	9.349 585	33	9.360 729	35	0.639 271	9.988 857	1	076	2 6.8
925	9.349 618	33	9.360 763	34	0.639 237	9.988 855	2	075	3 10.2
926	9.349 651	33	9.360 798	35	0.639 202	9.988 853	2	074	4 13.6
927	9.349 684	33	9.360 833	35	0.639 167	9.988 851	2	073	5 17.0
928	9.349 717	33	9.360 868	35	0.639 132	9.988 850	1	072	6 20.4
929	9.349 750	33	9.360 903	35	0.639 097	9.988 848	2	071	7 23.8
.930	9.349 783	33	9.360 937	34	0.639 063	9.988 846	2	.070	8 27.2
931	9.349 816	33	9.360 972	35	0.639 028	9.988 844	2	069	9 30.6
932	9.349 849	33	9.361 007	35	0.638 993	9.988 843	1	068	
933	9.349 882	33	9.361 042	35	0.638 958	9.988 841	2	067	
934	9.349 915	33	9.361 076	34	0.638 924	9.988 839	2	066	
935	9.349 948	33	9.361 111	35	0.638 889	9.988 837	2	065	
936	9.349 981	33	9.361 146	35	0.638 854	9.988 836	1	064	
937	9.350 014	33	9.361 181	35	0.638 819	9.988 834	2	063	33
938	9.350 047	33	9.361 215	34	0.638 785	9.988 832	2	062	1 3.3
939	9.350 080	33	9.361 250	35	0.638 750	9.988 830	2	061	2 6.6
.940	9.350 113	33	9.361 285	35	0.638 715	9.988 829	1	.060	3 9.9
941	9.350 146	33	9.361 319	34	0.638 681	9.988 827	2	059	4 13.2
942	9.350 179	33	9.361 354	35	0.638 646	9.988 825	2	058	5 16.5
943	9.350 212	33	9.361 389	35	0.638 611	9.988 823	2	057	6 19.8
944	9.350 245	33	9.361 424	35	0.638 576	9.988 822	1	056	7 23.1
945	9.350 278	33	9.361 458	34	0.638 542	9.988 820	2	055	8 26.4
946	9.350 311	33	9.361 493	35	0.638 507	9.988 818	2	054	9 29.7
947	9.350 344	33	9.361 528	35	0.638 472	9.988 816	2	053	
948	9.350 377	33	9.361 562	34	0.638 438	9.988 815	1	052	
949	9.350 410	33	9.361 597	35	0.638 403	9.988 813	2	051	
.950	9.350 443	33	9.361 632	35	0.638 368	9.988 811	2	.050	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

77°.100 — 77°.050

12°.950 — 13°.000

12°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.350 443		9.361 632		0.638 368	9.988 811		.050	
951	9.350 476	33	9.361 667	35	0.638 333	9.988 810	1	049	
952	9.350 509	33	9.361 701	34	0.638 299	9.988 808	2	048	
953	9.350 542	33	9.361 736	35	0.638 264	9.988 806	2	047	
		33		35			2		35
954	9.350 575	33	9.361 771	35	0.638 229	9.988 804	2	046	
955	9.350 608	33	9.361 805	34	0.638 195	9.988 803	1	045	1 3.5
956	9.350 641	33	9.361 840	35	0.638 160	9.988 801	2	044	2 7.0
		33		35			2		3 10.5
957	9.350 674	33	9.361 875	35	0.638 125	9.988 799	2	043	4 14.0
958	9.350 707	33	9.361 909	34	0.638 091	9.988 797	2	042	5 17.5
959	9.350 740	33	9.361 944	35	0.638 056	9.988 796	1	041	6 21.0
		33		35			2		7 24.5
.960	9.350 773		9.361 979		0.638 021	9.988 794		.040	8 28.0
		33		35			2		9 31.5
961	9.350 806	33	9.362 014	35	0.637 986	9.988 792	2	039	
962	9.350 839	33	9.362 048	34	0.637 952	9.988 790	2	038	
963	9.350 871	32	9.362 083	35	0.637 917	9.988 789	1	037	
		33		35			2		34
964	9.350 904	33	9.362 118	35	0.637 882	9.988 787	2	036	
965	9.350 937	33	9.362 152	34	0.637 848	9.988 785	2	035	
966	9.350 970	33	9.362 187	35	0.637 813	9.988 783	2	034	
		33		35			1		1 3.4
967	9.351 003	33	9.362 222	35	0.637 778	9.988 782	2	033	2 6.8
968	9.351 036	33	9.362 256	34	0.637 744	9.988 780	2	032	3 10.2
969	9.351 069	33	9.362 291	35	0.637 709	9.988 778	2	031	4 13.6
		33		35			2		5 17.0
.970	9.351 102		9.362 326		0.637 674	9.988 776		.030	6 20.4
		33		34			1		7 23.8
971	9.351 135	33	9.362 360	35	0.637 640	9.988 775	2	029	8 27.2
972	9.351 168	33	9.362 395	35	0.637 605	9.988 773	2	028	9 30.6
973	9.351 201	33	9.362 429	34	0.637 571	9.988 771	2	027	
		33		35			2		
974	9.351 234	32	9.362 464	35	0.637 536	9.988 769	1	026	
975	9.351 266	33	9.362 499	35	0.637 501	9.988 768	2	025	
976	9.351 299	33	9.362 533	34	0.637 467	9.988 766	2	024	
		33		35			2		
977	9.351 332	33	9.362 568	35	0.637 432	9.988 764	2	023	33
978	9.351 365	33	9.362 603	35	0.637 397	9.988 762	2	022	
979	9.351 398	33	9.362 637	34	0.637 363	9.988 761	1	021	1 3.3
		33		35			2		2 6.6
.980	9.351 431		9.362 672		0.637 328	9.988 759		.020	3 9.9
		33		35			2		4 13.2
981	9.351 464	33	9.362 707	35	0.637 293	9.988 757	2	019	5 16.5
982	9.351 497	33	9.362 741	34	0.637 259	9.988 755	2	018	6 19.8
983	9.351 530	33	9.362 776	35	0.637 224	9.988 754	1	017	7 23.1
		32		34			2		8 26.4
984	9.351 562	33	9.362 810	34	0.637 190	9.988 752	2	016	9 29.7
985	9.351 595	33	9.362 845	35	0.637 155	9.988 750	2	015	
986	9.351 628	33	9.362 880	35	0.637 120	9.988 748	2	014	
		33		34			1		
987	9.351 661	33	9.362 914	34	0.637 086	9.988 747	2	013	
988	9.351 694	33	9.362 949	35	0.637 051	9.988 745	2	012	
989	9.351 727	33	9.362 984	35	0.637 016	9.988 743	2	011	
		33		34			2		32
.990	9.351 760		9.363 018		0.636 982	9.988 741		.010	1 3.2
		32		35			1		2 6.4
991	9.351 792	33	9.363 053	35	0.636 947	9.988 740	2	009	3 9.6
992	9.351 825	33	9.363 087	34	0.636 913	9.988 738	2	008	4 12.8
993	9.351 858	33	9.363 122	35	0.636 878	9.988 736	2	007	5 16.0
		33		35			2		6 19.2
994	9.351 891	33	9.363 157	35	0.636 843	9.988 734	1	006	7 22.4
995	9.351 924	33	9.363 191	34	0.636 809	9.988 733	2	005	8 25.6
996	9.351 957	33	9.363 226	35	0.636 774	9.988 731	2	004	9 28.8
		33		34			2		
997	9.351 990	32	9.363 260	35	0.636 740	9.988 729	2	003	
998	9.352 022	33	9.363 295	35	0.636 705	9.988 727	2	002	
999	9.352 055	33	9.363 330	35	0.636 670	9.988 726	1	001	
		33		34			2		
*.000	9.352 088		9.363 364		0.636 636	9.988 724		.000	
	cos	d	cotg	d	tang	sin	d	77°	P.P.

13°.000 — 13°.050

13°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.352 088		9.363 364		0.636 636	9.988 724		*.000	
001	9.352 121	33	9.363 399	35	0.636 601	9.988 722	2	999	
002	9.352 154	33	9.363 433	34	0.636 567	9.988 720	2	998	
003	9.352 187	33	9.363 468	35	0.636 532	9.988 719	1	997	
004	9.352 219	32	9.363 502	34	0.636 498	9.988 717	2	996	35
005	9.352 252	33	9.363 537	35	0.636 463	9.988 715	2	995	1 3.5
006	9.352 285	33	9.363 572	35	0.636 428	9.988 713	2	994	2 7.0
007	9.352 318	33	9.363 606	34	0.636 394	9.988 712	1	993	3 10.5
008	9.352 351	33	9.363 641	35	0.636 359	9.988 710	2	992	4 14.0
009	9.352 383	32	9.363 675	34	0.636 325	9.988 708	2	991	5 17.5
.010	9.352 416	33	9.363 710	35	0.636 290	9.988 706	2	.990	6 21.0
011	9.352 449	33	9.363 744	34	0.636 256	9.988 705	1	989	7 24.5
012	9.352 482	33	9.363 779	35	0.636 221	9.988 703	2	988	8 28.0
013	9.352 515	33	9.363 813	34	0.636 187	9.988 701	2	987	9 31.5
014	9.352 547	32	9.363 848	35	0.636 152	9.988 699	2	986	
015	9.352 580	33	9.363 883	35	0.636 117	9.988 698	1	985	
016	9.352 613	33	9.363 917	34	0.636 083	9.988 696	2	984	34
017	9.352 646	33	9.363 952	35	0.636 048	9.988 694	2	983	1 3.4
018	9.352 679	33	9.363 986	34	0.636 014	9.988 692	2	982	2 6.8
019	9.352 711	32	9.364 021	35	0.635 979	9.988 691	1	981	3 10.2
.020	9.352 744	33	9.364 055	34	0.635 945	9.988 689	2	.980	4 13.6
021	9.352 777	33	9.364 090	35	0.635 910	9.988 687	2	979	5 17.0
022	9.352 810	33	9.364 124	34	0.635 876	9.988 685	2	978	6 20.4
023	9.352 842	32	9.364 159	35	0.635 841	9.988 684	1	977	7 23.8
024	9.352 875	33	9.364 193	34	0.635 807	9.988 682	2	976	8 27.2
025	9.352 908	33	9.364 228	35	0.635 772	9.988 680	2	975	9 30.6
026	9.352 941	33	9.364 262	34	0.635 738	9.988 678	2	974	
027	9.352 974	33	9.364 297	35	0.635 703	9.988 677	1	973	
028	9.353 006	32	9.364 331	34	0.635 669	9.988 675	2	972	33
029	9.353 039	33	9.364 366	35	0.635 634	9.988 673	2	971	1 3.3
.030	9.353 072	33	9.364 400	34	0.635 600	9.988 671	2	.970	2 6.6
031	9.353 105	33	9.364 435	35	0.635 565	9.988 670	1	969	3 9.9
032	9.353 137	32	9.364 469	34	0.635 531	9.988 668	2	968	4 13.2
033	9.353 170	33	9.364 504	35	0.635 496	9.988 666	2	967	5 16.5
034	9.353 203	33	9.364 538	34	0.635 462	9.988 664	2	966	6 19.8
035	9.353 236	33	9.364 573	35	0.635 427	9.988 663	2	965	7 23.1
036	9.353 268	32	9.364 607	34	0.635 393	9.988 661	2	964	8 26.4
037	9.353 301	33	9.364 642	35	0.635 358	9.988 659	1	963	9 29.7
038	9.353 334	33	9.364 676	34	0.635 324	9.988 657	2	962	
039	9.353 366	32	9.364 711	35	0.635 289	9.988 656	1	961	
.040	9.353 399	33	9.364 745	34	0.635 255	9.988 654	2	.960	32
041	9.353 432	33	9.364 780	35	0.635 220	9.988 652	2	959	1 3.2
042	9.353 465	33	9.364 814	34	0.635 186	9.988 650	2	958	2 6.4
043	9.353 497	32	9.364 849	35	0.635 151	9.988 649	1	957	3 9.6
044	9.353 530	33	9.364 883	34	0.635 117	9.988 647	2	956	4 12.8
045	9.353 563	33	9.364 918	35	0.635 082	9.988 645	2	955	5 16.0
046	9.353 596	33	9.364 952	34	0.635 048	9.988 643	2	954	6 19.2
047	9.353 628	32	9.364 987	35	0.635 013	9.988 642	1	953	7 22.4
048	9.353 661	33	9.365 021	34	0.634 979	9.988 640	2	952	8 25.6
049	9.353 694	33	9.365 056	35	0.634 944	9.988 638	2	951	9 28.8
.050	9.353 726	32	9.365 090	34	0.634 910	9.988 636	2	.950	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

13°.050 — 13°.100

13°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.353 726		9.365 090		0.634 910	9.988 636		.950	
051	9.353 759	33	9.365 125	35	0.634 875	9.988 635	1	949	
052	9.353 792	33	9.365 159	34	0.634 841	9.988 633	2	948	
053	9.353 824	32	9.365 193	34	0.634 807	9.988 631	2	947	
054	9.353 857	33	9.365 228	35	0.634 772	9.988 629	2	946	35
055	9.353 890	33	9.365 262	34	0.634 738	9.988 627	2	945	1 3.5
056	9.353 923	33	9.365 297	35	0.634 703	9.988 626	1	944	2 7.0
057	9.353 955	32	9.365 331	34	0.634 669	9.988 624	2	943	3 10.5
058	9.353 988	33	9.365 366	35	0.634 634	9.988 622	2	942	4 14.0
059	9.354 021	33	9.365 400	34	0.634 600	9.988 620	2	941	5 17.5
.060	9.354 053	32	9.365 435	35	0.634 565	9.988 619	1	.940	6 21.0
061	9.354 086	33	9.365 469	34	0.634 531	9.988 617	2	939	7 24.5
062	9.354 119	33	9.365 503	34	0.634 497	9.988 615	2	938	8 28.0
063	9.354 151	32	9.365 538	35	0.634 462	9.988 613	2	937	9 31.5
064	9.354 184	33	9.365 572	34	0.634 428	9.988 612	1	936	
065	9.354 217	33	9.365 607	35	0.634 393	9.988 610	2	935	
066	9.354 249	32	9.365 641	34	0.634 359	9.988 608	2	934	34
067	9.354 282	33	9.365 676	35	0.634 324	9.988 606	2	933	1 3.4
068	9.354 315	33	9.365 710	34	0.634 290	9.988 605	1	932	2 6.8
069	9.354 347	32	9.365 744	34	0.634 256	9.988 603	2	931	3 10.2
.070	9.354 380	33	9.365 779	35	0.634 221	9.988 601	2	.930	4 13.6
071	9.354 413	33	9.365 813	34	0.634 187	9.988 599	2	929	5 17.0
072	9.354 445	32	9.365 848	35	0.634 152	9.988 598	1	928	6 20.4
073	9.354 478	33	9.365 882	34	0.634 118	9.988 596	2	927	7 23.8
074	9.354 510	32	9.365 916	34	0.634 084	9.988 594	2	926	8 27.2
075	9.354 543	33	9.365 951	35	0.634 049	9.988 592	1	925	9 30.6
076	9.354 576	33	9.365 985	34	0.634 015	9.988 591	2	924	
077	9.354 608	32	9.366 020	35	0.633 980	9.988 589	2	923	33
078	9.354 641	33	9.366 054	34	0.633 946	9.988 587	2	922	1 3.3
079	9.354 674	33	9.366 088	34	0.633 912	9.988 585	2	921	2 6.6
.080	9.354 706	32	9.366 123	35	0.633 877	9.988 583	2	.920	3 9.9
081	9.354 739	33	9.366 157	34	0.633 843	9.988 582	1	919	4 13.2
082	9.354 772	33	9.366 192	35	0.633 808	9.988 580	2	918	5 16.5
083	9.354 804	32	9.366 226	34	0.633 774	9.988 578	2	917	6 19.8
084	9.354 837	33	9.366 260	34	0.633 740	9.988 576	2	916	7 23.1
085	9.354 869	32	9.366 295	35	0.633 705	9.988 575	1	915	8 26.4
086	9.354 902	33	9.366 329	34	0.633 671	9.988 573	2	914	9 29.7
087	9.354 935	33	9.366 363	34	0.633 637	9.988 571	2	913	
088	9.354 967	32	9.366 398	35	0.633 602	9.988 569	2	912	
089	9.355 000	33	9.366 432	34	0.633 568	9.988 568	1	911	
.090	9.355 032	32	9.366 467	35	0.633 533	9.988 566	2	.910	32
091	9.355 065	33	9.366 501	34	0.633 499	9.988 564	2	909	1 3.2
092	9.355 098	33	9.366 535	34	0.633 465	9.988 562	2	908	2 6.4
093	9.355 130	32	9.366 570	35	0.633 430	9.988 561	1	907	3 9.6
094	9.355 163	33	9.366 604	34	0.633 396	9.988 559	2	906	4 12.8
095	9.355 195	32	9.366 638	34	0.633 362	9.988 557	2	905	5 16.0
096	9.355 228	33	9.366 673	35	0.633 327	9.988 555	2	904	6 19.2
097	9.355 260	32	9.366 707	34	0.633 293	9.988 554	1	903	7 22.4
098	9.355 293	33	9.366 741	34	0.633 259	9.988 552	2	902	8 25.6
099	9.355 326	33	9.366 776	35	0.633 224	9.988 550	2	901	9 28.8
.100	9.355 358	32	9.366 810	34	0.633 190	9.988 548	2	.900	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.950 — 76°.900

13°.100 — 13°.150

13°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.355 358		9.366 810		0.633 190	9.988 548		.900	
101	9.355 391	33	9.366 844	34	0.633 156	9.988 546	2	899	
102	9.355 423	32	9.366 879	35	0.633 121	9.988 545	1	898	
103	9.355 456	33	9.366 913	34	0.633 087	9.988 543	2	897	
104	9.355 488	32	9.366 947	34	0.633 053	9.988 541	2	896	35
105	9.355 521	33	9.366 982	35	0.633 018	9.988 539	2	895	1 3.5
106	9.355 554	33	9.367 016	34	0.632 984	9.988 538	1	894	2 7.0
107	9.355 586	32	9.367 050	34	0.632 950	9.988 536	2	893	3 10.5
108	9.355 619	33	9.367 085	35	0.632 915	9.988 534	2	892	4 14.0
109	9.355 651	32	9.367 119	34	0.632 881	9.988 532	2	891	5 17.5
.110	9.355 684	33	9.367 153	34	0.632 847	9.988 531	1	.890	6 21.0
		32		35			2	889	7 24.5
111	9.355 716	33	9.367 188	34	0.632 812	9.988 529	2	888	8 28.0
112	9.355 749	32	9.367 222	34	0.632 778	9.988 527	2	887	9 31.5
113	9.355 781	32	9.367 256	34	0.632 744	9.988 525	2		
114	9.355 814	33	9.367 290	34	0.632 710	9.988 524	1	886	
115	9.355 847	33	9.367 325	35	0.632 675	9.988 522	2	885	
116	9.355 879	32	9.367 359	34	0.632 641	9.988 520	2	884	34
117	9.355 912	33	9.367 393	34	0.632 607	9.988 518	2	883	1 3.4
118	9.355 944	32	9.367 428	35	0.632 572	9.988 516	2	882	2 6.8
119	9.355 977	33	9.367 462	34	0.632 538	9.988 515	1	881	3 10.2
.120	9.356 009	32	9.367 496	34	0.632 504	9.988 513	2	.880	4 13.6
		33		35			2		5 17.0
121	9.356 042	32	9.367 531	34	0.632 469	9.988 511	2	879	6 20.4
122	9.356 074	32	9.367 565	34	0.632 435	9.988 509	2	878	7 23.8
123	9.356 107	33	9.367 599	34	0.632 401	9.988 508	1	877	8 27.2
124	9.356 139	32	9.367 633	34	0.632 367	9.988 506	2	876	9 30.6
125	9.356 172	33	9.367 668	35	0.632 332	9.988 504	2	875	
126	9.356 204	32	9.367 702	34	0.632 298	9.988 502	2	874	
127	9.356 237	33	9.367 736	34	0.632 264	9.988 501	1	873	
128	9.356 269	32	9.367 770	34	0.632 230	9.988 499	2	872	33
129	9.356 302	33	9.367 805	35	0.632 195	9.988 497	2	871	1 3.3
.130	9.356 334	32	9.367 839	34	0.632 161	9.988 495	2	.870	2 6.6
		33		34			2		3 9.9
131	9.356 367	32	9.367 873	35	0.632 127	9.988 493	2	869	4 13.2
132	9.356 399	33	9.367 908	34	0.632 092	9.988 492	1	868	5 16.5
133	9.356 432	32	9.367 942	34	0.632 058	9.988 490	2	867	6 19.8
134	9.356 464	32	9.367 976	34	0.632 024	9.988 488	2	866	7 23.1
135	9.356 497	33	9.368 010	34	0.631 990	9.988 486	2	865	8 26.4
136	9.356 529	32	9.368 045	35	0.631 955	9.988 485	1	864	9 29.7
137	9.356 562	33	9.368 079	34	0.631 921	9.988 483	2	863	
138	9.356 594	32	9.368 113	34	0.631 887	9.988 481	2	862	
139	9.356 627	33	9.368 147	34	0.631 853	9.988 479	2	861	
.140	9.356 659	32	9.368 182	35	0.631 818	9.988 478	1	.860	32
		33		34			2		1 3.2
141	9.356 692	32	9.368 216	34	0.631 784	9.988 476	2	859	2 6.4
142	9.356 724	32	9.368 250	34	0.631 750	9.988 474	2	858	3 9.6
143	9.356 756	32	9.368 284	34	0.631 716	9.988 472	2	857	4 12.8
144	9.356 789	33	9.368 318	34	0.631 682	9.988 470	2	856	5 16.0
145	9.356 821	32	9.368 353	35	0.631 647	9.988 469	1	855	6 19.2
146	9.356 854	33	9.368 387	34	0.631 613	9.988 467	2	854	7 22.4
147	9.356 886	32	9.368 421	34	0.631 579	9.988 465	2	853	8 25.6
148	9.356 919	33	9.368 455	34	0.631 545	9.988 463	2	852	9 28.8
149	9.356 951	32	9.368 490	35	0.631 510	9.988 462	1	851	
.150	9.356 984	33	9.368 524	34	0.631 476	9.988 460	2	.850	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.900 — 76°.850

13°.150 — 13°.200

13°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.356 984		9.368 524		0.631 476	9.988 460		.850	
151	9.357 016	32	9.368 558	34	0.631 442	9.988 458	2	849	
152	9.357 049	33	9.368 592	34	0.631 408	9.988 456	2	848	
153	9.357 081	32	9.368 626	34	0.631 374	9.988 455	1	847	
		32		35			2		35
154	9.357 113	32	9.368 661	35	0.631 339	9.988 453	2	846	
155	9.357 146	33	9.368 695	34	0.631 305	9.988 451	2	845	1 3.5
156	9.357 178	32	9.368 729	34	0.631 271	9.988 449	2	844	2 7.0
		33		34			2		3 10.5
157	9.357 211	33	9.368 763	34	0.631 237	9.988 447	1	843	4 14.0
158	9.357 243	32	9.368 797	34	0.631 203	9.988 446	2	842	5 17.5
159	9.357 276	33	9.368 832	35	0.631 168	9.988 444	2	841	6 21.0
		32		34			2		7 24.5
.160	9.357 308	32	9.368 866	34	0.631 134	9.988 442	2	.840	8 28.0
		32		34			2		9 31.5
161	9.357 340	33	9.368 900	34	0.631 100	9.988 440	1	839	
162	9.357 373	32	9.368 934	34	0.631 066	9.988 439	2	838	
163	9.357 405	32	9.368 968	34	0.631 032	9.988 437	2	837	
		33		35			2		
164	9.357 438	32	9.369 003	34	0.630 997	9.988 435	2	836	
165	9.357 470	32	9.369 037	34	0.630 963	9.988 433	2	835	
166	9.357 502	32	9.369 071	34	0.630 929	9.988 432	1	834	34
		33		34			2		1 3.4
167	9.357 535	32	9.369 105	34	0.630 895	9.988 430	2	833	2 6.8
168	9.357 567	32	9.369 139	34	0.630 861	9.988 428	2	832	3 10.2
169	9.357 600	33	9.369 173	34	0.630 827	9.988 426	2	831	4 13.6
		32		35			2		5 17.0
.170	9.357 632	32	9.369 208	34	0.630 792	9.988 424	1	.830	6 20.4
		32		34			2		7 23.8
171	9.357 664	33	9.369 242	34	0.630 758	9.988 423	2	829	8 27.2
172	9.357 697	32	9.369 276	34	0.630 724	9.988 421	2	828	9 30.6
173	9.357 729	32	9.369 310	34	0.630 690	9.988 419	2	827	
		33		34			2		
174	9.357 762	32	9.369 344	34	0.630 656	9.988 417	1	826	
175	9.357 794	32	9.369 378	34	0.630 622	9.988 416	2	825	
176	9.357 826	32	9.369 413	35	0.630 587	9.988 414	2	824	
		33		34			2		
177	9.357 859	32	9.369 447	34	0.630 553	9.988 412	2	823	33
178	9.357 891	32	9.369 481	34	0.630 519	9.988 410	2	822	
179	9.357 923	32	9.369 515	34	0.630 485	9.988 408	2	821	1 3.3
		33		34			1		2 6.6
.180	9.357 956	32	9.369 549	34	0.630 451	9.988 407	2	.820	3 9.9
		32		34			2		4 13.2
181	9.357 988	33	9.369 583	34	0.630 417	9.988 405	2	819	5 16.5
182	9.358 021	32	9.369 617	34	0.630 383	9.988 403	2	818	6 19.8
183	9.358 053	32	9.369 652	35	0.630 348	9.988 401	2	817	7 23.1
		32		34			1		8 26.4
184	9.358 085	33	9.369 686	34	0.630 314	9.988 400	2	816	9 29.7
185	9.358 118	33	9.369 720	34	0.630 280	9.988 398	2	815	
186	9.358 150	32	9.369 754	34	0.630 246	9.988 396	2	814	
		32		34			2		
187	9.358 182	33	9.369 788	34	0.630 212	9.988 394	2	813	
188	9.358 215	32	9.369 822	34	0.630 178	9.988 392	2	812	
189	9.358 247	32	9.369 856	34	0.630 144	9.988 391	1	811	
		32		34			2		32
.190	9.358 279	33	9.369 890	35	0.630 110	9.988 389	2	.810	1 3.2
		32		35			2		2 6.4
191	9.358 312	32	9.369 925	34	0.630 075	9.988 387	2	809	3 9.6
192	9.358 344	32	9.369 959	34	0.630 041	9.988 385	1	808	4 12.8
193	9.358 376	32	9.369 993	34	0.630 007	9.988 384	2	807	5 16.0
		33		34			2		6 19.2
194	9.358 409	32	9.370 027	34	0.629 973	9.988 382	2	806	7 22.4
195	9.358 441	32	9.370 061	34	0.629 939	9.988 380	2	805	8 25.6
196	9.358 473	32	9.370 095	34	0.629 905	9.988 378	2	804	9 28.8
		33		34			2		
197	9.358 506	32	9.370 129	34	0.629 871	9.988 376	1	803	
198	9.358 538	32	9.370 163	34	0.629 837	9.988 375	2	802	
199	9.358 570	32	9.370 197	34	0.629 803	9.988 373	2	801	
		33		35			2		
.200	9.358 603	33	9.370 232	35	0.629 768	9.988 371		.800	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.850 — 76°.800

13°.200 — 13°.250

13°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.358 603		9.370 232		0.629 768	9.988 371		.800	
201	9.358 635	32	9.370 266	34	0.629 734	9.988 369	2	799	
202	9.358 667	32	9.370 300	34	0.629 700	9.988 368	1	798	
203	9.358 700	33	9.370 334	34	0.629 666	9.988 366	2	797	
204	9.358 732	32	9.370 368	34	0.629 632	9.988 364	2	796	35
205	9.358 764	32	9.370 402	34	0.629 598	9.988 362	2	795	1 3.5
206	9.358 797	33	9.370 436	34	0.629 564	9.988 360	2	794	2 7.0
207	9.358 829	32	9.370 470	34	0.629 530	9.988 359	1	793	3 10.5
208	9.358 861	32	9.370 504	34	0.629 496	9.988 357	2	792	4 14.0
209	9.358 893	32	9.370 538	34	0.629 462	9.988 355	2	791	5 17.5
.210	9.358 926	33	9.370 572	34	0.629 428	9.988 353	2	.790	6 21.0
211	9.358 958	32	9.370 606	34	0.629 394	9.988 352	1	789	7 24.5
212	9.358 990	32	9.370 640	34	0.629 360	9.988 350	2	788	8 28.0
213	9.359 023	33	9.370 675	35	0.629 325	9.988 348	2	787	9 31.5
214	9.359 055	32	9.370 709	34	0.629 291	9.988 346	2	786	
215	9.359 087	32	9.370 743	34	0.629 257	9.988 344	2	785	
216	9.359 119	32	9.370 777	34	0.629 223	9.988 343	1	784	34
217	9.359 152	33	9.370 811	34	0.629 189	9.988 341	2	783	1 3.4
218	9.359 184	32	9.370 845	34	0.629 155	9.988 339	2	782	2 6.8
219	9.359 216	32	9.370 879	34	0.629 121	9.988 337	2	781	3 10.2
.220	9.359 249	33	9.370 913	34	0.629 087	9.988 336	1	.780	4 13.6
221	9.359 281	32	9.370 947	34	0.629 053	9.988 334	2	779	5 17.0
222	9.359 313	32	9.370 981	34	0.629 019	9.988 332	2	778	6 20.4
223	9.359 345	32	9.371 015	34	0.628 985	9.988 330	2	777	7 23.8
224	9.359 378	33	9.371 049	34	0.628 951	9.988 328	2	776	8 27.2
225	9.359 410	32	9.371 083	34	0.628 917	9.988 327	1	775	9 30.6
226	9.359 442	32	9.371 117	34	0.628 883	9.988 325	2	774	
227	9.359 474	32	9.371 151	34	0.628 849	9.988 323	2	773	33
228	9.359 507	33	9.371 185	34	0.628 815	9.988 321	2	772	1 3.3
229	9.359 539	32	9.371 219	34	0.628 781	9.988 320	1	771	2 6.6
.230	9.359 571	32	9.371 253	34	0.628 747	9.988 318	2	.770	3 9.9
231	9.359 603	32	9.371 287	34	0.628 713	9.988 316	2	769	4 13.2
232	9.359 636	33	9.371 321	34	0.628 679	9.988 314	2	768	5 16.5
233	9.359 668	32	9.371 355	34	0.628 645	9.988 312	2	767	6 19.8
234	9.359 700	32	9.371 389	34	0.628 611	9.988 311	1	766	7 23.1
235	9.359 732	32	9.371 423	34	0.628 577	9.988 309	2	765	8 26.4
236	9.359 764	32	9.371 457	34	0.628 543	9.988 307	2	764	9 29.7
237	9.359 797	33	9.371 491	34	0.628 509	9.988 305	2	763	
238	9.359 829	32	9.371 525	34	0.628 475	9.988 303	2	762	
239	9.359 861	32	9.371 559	34	0.628 441	9.988 302	1	761	32
.240	9.359 893	32	9.371 593	34	0.628 407	9.988 300	2	.760	1 3.2
241	9.359 926	33	9.371 627	34	0.628 373	9.988 298	2	759	2 6.4
242	9.359 958	32	9.371 661	34	0.628 339	9.988 296	2	758	3 9.6
243	9.359 990	32	9.371 695	34	0.628 305	9.988 295	1	757	4 12.8
244	9.360 022	32	9.371 729	34	0.628 271	9.988 293	2	756	5 16.0
245	9.360 054	32	9.371 763	34	0.628 237	9.988 291	2	755	6 19.2
246	9.360 087	33	9.371 797	34	0.628 203	9.988 289	2	754	7 22.4
247	9.360 119	32	9.371 831	34	0.628 169	9.988 287	2	753	8 25.6
248	9.360 151	32	9.371 865	34	0.628 135	9.988 286	1	752	9 28.8
249	9.360 183	32	9.371 899	34	0.628 101	9.988 284	2	751	
.250	9.360 215	32	9.371 933	34	0.628 067	9.988 282	2	.750	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.800 — 76°.750

13°.250 — 13°.300

13°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.360 215		9.371 933		0.628 067	9.988 282		.750	
251	9.360 248	33	9.371 967	34	0.628 033	9.988 280	2	749	
252	9.360 280	32	9.372 001	34	0.627 999	9.988 279	1	748	
253	9.360 312	32	9.372 035	34	0.627 965	9.988 277	2	747	
		32		34			2		
254	9.360 344	32	9.372 069	34	0.627 931	9.988 275	2	746	
255	9.360 376	32	9.372 103	34	0.627 897	9.988 273	2	745	
256	9.360 408	32	9.372 137	34	0.627 863	9.988 271	2	744	
		33		34			1		
257	9.360 441	33	9.372 171	34	0.627 829	9.988 270	2	743	34
258	9.360 473	32	9.372 205	34	0.627 795	9.988 268	2	742	1 3.4
259	9.360 505	32	9.372 239	34	0.627 761	9.988 266	2	741	2 6.8
		32		34			2		3 10.2
.260	9.360 537	32	9.372 273	34	0.627 727	9.988 264	2	.740	4 13.6
		32		34			2		5 17.0
261	9.360 569	32	9.372 307	34	0.627 693	9.988 262	2	739	6 20.4
262	9.360 601	32	9.372 341	34	0.627 659	9.988 261	1	738	7 23.8
263	9.360 634	33	9.372 375	34	0.627 625	9.988 259	2	737	8 27.2
		32		34			2		9 30.6
264	9.360 666	32	9.372 409	34	0.627 591	9.988 257	2	736	
265	9.360 698	32	9.372 443	34	0.627 557	9.988 255	2	735	
266	9.360 730	32	9.372 477	34	0.627 523	9.988 254	1	734	
		32		34			2		
267	9.360 762	32	9.372 511	34	0.627 489	9.988 252	2	733	
268	9.360 794	32	9.372 544	33	0.627 456	9.988 250	2	732	
269	9.360 827	33	9.372 578	34	0.627 422	9.988 248	2	731	
		32		34			2		
.270	9.360 859	32	9.372 612	34	0.627 388	9.988 246	2	.730	
		32		34			1		
271	9.360 891	32	9.372 646	34	0.627 354	9.988 245	2	729	33
272	9.360 923	32	9.372 680	34	0.627 320	9.988 243	2	728	
273	9.360 955	32	9.372 714	34	0.627 286	9.988 241	2	727	1 3.3
		32		34			2		2 6.6
274	9.360 987	32	9.372 748	34	0.627 252	9.988 239	2	726	3 9.9
275	9.361 019	32	9.372 782	34	0.627 218	9.988 237	2	725	4 13.2
276	9.361 051	32	9.372 816	34	0.627 184	9.988 236	1	724	5 16.5
		33		34			2		6 19.8
277	9.361 084	32	9.372 850	34	0.627 150	9.988 234	2	723	7 23.1
278	9.361 116	32	9.372 884	34	0.627 116	9.988 232	2	722	8 26.4
279	9.361 148	32	9.372 918	34	0.627 082	9.988 230	2	721	9 29.7
		32		33			2		
.280	9.361 180	32	9.372 951	34	0.627 049	9.988 228	2	.720	
		32		34			1		
281	9.361 212	32	9.372 985	34	0.627 015	9.988 227	2	719	
282	9.361 244	32	9.373 019	34	0.626 981	9.988 225	2	718	
283	9.361 276	32	9.373 053	34	0.626 947	9.988 223	2	717	
		32		34			2		
284	9.361 308	32	9.373 087	34	0.626 913	9.988 221	2	716	
285	9.361 340	32	9.373 121	34	0.626 879	9.988 220	1	715	
286	9.361 373	33	9.373 155	34	0.626 845	9.988 218	2	714	
		32		34			2		
287	9.361 405	32	9.373 189	34	0.626 811	9.988 216	2	713	32
288	9.361 437	32	9.373 223	34	0.626 777	9.988 214	2	712	1 3.2
289	9.361 469	32	9.373 257	34	0.626 743	9.988 212	2	711	2 6.4
		32		33			2		3 9.6
.290	9.361 501	32	9.373 290	34	0.626 710	9.988 211	1	.710	4 12.8
		32		34			2		5 16.0
291	9.361 533	32	9.373 324	34	0.626 676	9.988 209	2	709	6 19.2
292	9.361 565	32	9.373 358	34	0.626 642	9.988 207	2	708	7 22.4
293	9.361 597	32	9.373 392	34	0.626 608	9.988 205	2	707	8 25.6
		32		34			2		9 28.8
294	9.361 629	32	9.373 426	34	0.626 574	9.988 203	2	706	
295	9.361 661	32	9.373 460	34	0.626 540	9.988 202	1	705	
296	9.361 693	32	9.373 494	34	0.626 506	9.988 200	2	704	
		33		33			2		
297	9.361 726	32	9.373 527	34	0.626 473	9.988 198	2	703	
298	9.361 758	32	9.373 561	34	0.626 439	9.988 196	2	702	
299	9.361 790	32	9.373 595	34	0.626 405	9.988 194	2	701	
		32		34			1		
.300	9.361 822	32	9.373 629	34	0.626 371	9.988 193	2	.700	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.750 — 76°.700

13°.300 — 13°.350

13°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.361 822		9.373 629		0.626 371	9.988 193		.700	
301	9.361 854	32	9.373 663	34	0.626 337	9.988 191	2	699	
302	9.361 886	32	9.373 697	34	0.626 303	9.988 189	2	698	
303	9.361 918	32	9.373 731	34	0.626 269	9.988 187	2	697	
304	9.361 950	32	9.373 764	33	0.626 236	9.988 186	1	696	34
305	9.361 982	32	9.373 798	34	0.626 202	9.988 184	2	695	1 3.4
306	9.362 014	32	9.373 832	34	0.626 168	9.988 182	2	694	2 6.8
307	9.362 046	32	9.373 866	34	0.626 134	9.988 180	2	693	3 10.2
308	9.362 078	32	9.373 900	34	0.626 100	9.988 178	2	692	4 13.6
309	9.362 110	32	9.373 934	34	0.626 066	9.988 177	1	691	5 17.0
.310	9.362 142	32	9.373 968	34	0.626 032	9.988 175	2	.690	6 20.4
311	9.362 174	32	9.374 001	33	0.625 999	9.988 173	2	689	7 23.8
312	9.362 206	32	9.374 035	34	0.625 965	9.988 171	2	688	8 27.2
313	9.362 238	32	9.374 069	34	0.625 931	9.988 169	2	687	9 30.6
314	9.362 270	32	9.374 103	34	0.625 897	9.988 168	1	686	
315	9.362 302	32	9.374 137	34	0.625 863	9.988 166	2	685	
316	9.362 334	32	9.374 170	33	0.625 830	9.988 164	2	684	33
317	9.362 366	32	9.374 204	34	0.625 796	9.988 162	2	683	1 3.3
318	9.362 399	33	9.374 238	34	0.625 762	9.988 160	2	682	2 6.6
319	9.362 431	32	9.374 272	34	0.625 728	9.988 159	1	681	3 9.9
.320	9.362 463	32	9.374 306	34	0.625 694	9.988 157	2	.680	4 13.2
321	9.362 495	32	9.374 340	34	0.625 660	9.988 155	2	679	5 16.5
322	9.362 527	32	9.374 373	33	0.625 627	9.988 153	2	678	6 19.8
323	9.362 559	32	9.374 407	34	0.625 593	9.988 151	2	677	7 23.1
324	9.362 591	32	9.374 441	34	0.625 559	9.988 150	1	676	8 26.4
325	9.362 623	32	9.374 475	34	0.625 525	9.988 148	2	675	9 29.7
326	9.362 655	32	9.374 509	34	0.625 491	9.988 146	2	674	
327	9.362 687	32	9.374 542	33	0.625 458	9.988 144	2	673	32
328	9.362 719	32	9.374 576	34	0.625 424	9.988 142	2	672	1 3.2
329	9.362 751	32	9.374 610	34	0.625 390	9.988 141	1	671	2 6.4
.330	9.362 783	32	9.374 644	34	0.625 356	9.988 139	2	.670	3 9.6
331	9.362 815	32	9.374 678	34	0.625 322	9.988 137	2	669	4 12.8
332	9.362 847	32	9.374 711	33	0.625 289	9.988 135	2	668	5 16.0
333	9.362 879	32	9.374 745	34	0.625 255	9.988 133	2	667	6 19.2
334	9.362 911	32	9.374 779	34	0.625 221	9.988 132	1	666	7 22.4
335	9.362 942	31	9.374 813	34	0.625 187	9.988 130	2	665	8 25.6
336	9.362 974	32	9.374 846	33	0.625 154	9.988 128	2	664	9 28.8
337	9.363 006	32	9.374 880	34	0.625 120	9.988 126	2	663	
338	9.363 038	32	9.374 914	34	0.625 086	9.988 124	2	662	
339	9.363 070	32	9.374 948	34	0.625 052	9.988 123	1	661	31
.340	9.363 102	32	9.374 981	33	0.625 019	9.988 121	2	.660	1 3.1
341	9.363 134	32	9.375 015	34	0.624 985	9.988 119	2	659	2 6.2
342	9.363 166	32	9.375 049	34	0.624 951	9.988 117	2	658	3 9.3
343	9.363 198	32	9.375 083	34	0.624 917	9.988 115	2	657	4 12.4
344	9.363 230	32	9.375 116	33	0.624 884	9.988 114	1	656	5 15.5
345	9.363 262	32	9.375 150	34	0.624 850	9.988 112	2	655	6 18.6
346	9.363 294	32	9.375 184	34	0.624 816	9.988 110	2	654	7 21.7
347	9.363 326	32	9.375 218	34	0.624 782	9.988 108	2	653	8 24.8
348	9.363 358	32	9.375 251	33	0.624 749	9.988 107	1	652	9 27.9
349	9.363 390	32	9.375 285	34	0.624 715	9.988 105	2	651	
.350	9.363 422	32	9.375 319	34	0.624 681	9.988 103	2	.650	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.700 — 76°.650

13°.350 — 13°.400

13°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.363 422		9.375 319		0.624 681	9.988 103		.650	
351	9.363 454	32	9.375 353	34	0.624 647	9.988 101	2	649	
352	9.363 486	32	9.375 386	33	0.624 614	9.988 099	2	648	
353	9.363 518	32	9.375 420	34	0.624 580	9.988 098	1	647	
		32		34			2		34
354	9.363 550	32	9.375 454	34	0.624 546	9.988 096	2	646	
355	9.363 582	32	9.375 488	34	0.624 512	9.988 094	2	645	1 3.4
356	9.363 613	31	9.375 521	33	0.624 479	9.988 092	2	644	2 6.8
		32		34			2		3 10.2
357	9.363 645	32	9.375 555	34	0.624 445	9.988 090	1	643	4 13.6
358	9.363 677	32	9.375 589	34	0.624 411	9.988 089	2	642	5 17.0
359	9.363 709	32	9.375 623	34	0.624 377	9.988 087	2	641	6 20.4
		32		33			2		7 23.8
.360	9.363 741	32	9.375 656	34	0.624 344	9.988 085	2	.640	8 27.2
		32		34			2		9 30.6
361	9.363 773	32	9.375 690	34	0.624 310	9.988 083	2	639	
362	9.363 805	32	9.375 724	34	0.624 276	9.988 081	2	638	
363	9.363 837	32	9.375 757	33	0.624 243	9.988 080	1	637	
		32		34			2		
364	9.363 869	32	9.375 791	34	0.624 209	9.988 078	2	636	
365	9.363 901	32	9.375 825	34	0.624 175	9.988 076	2	635	
366	9.363 933	32	9.375 859	34	0.624 141	9.988 074	2	634	33
		32		33			2		1 3.3
367	9.363 965	32	9.375 892	34	0.624 108	9.988 072	1	633	2 6.6
368	9.363 996	31	9.375 926	34	0.624 074	9.988 071	2	632	3 9.9
369	9.364 028	32	9.375 960	34	0.624 040	9.988 069	2	631	4 13.2
		32		33			2		5 16.5
.370	9.364 060	32	9.375 993	34	0.624 007	9.988 067	2	.630	6 19.8
		32		34			2		7 23.1
371	9.364 092	32	9.376 027	34	0.623 973	9.988 065	2	629	8 26.4
372	9.364 124	32	9.376 061	34	0.623 939	9.988 063	2	628	9 29.7
373	9.364 156	32	9.376 094	33	0.623 906	9.988 061	2	627	
		32		34			1		
374	9.364 188	32	9.376 128	34	0.623 872	9.988 060	2	626	
375	9.364 220	32	9.376 162	34	0.623 838	9.988 058	2	625	
376	9.364 251	31	9.376 195	33	0.623 805	9.988 056	2	624	
		32		34			2		
377	9.364 283	32	9.376 229	34	0.623 771	9.988 054	2	623	32
378	9.364 315	32	9.376 263	34	0.623 737	9.988 052	2	622	1 3.2
379	9.364 347	32	9.376 296	33	0.623 704	9.988 051	1	621	2 6.4
		32		34			2		3 9.6
.380	9.364 379	32	9.376 330	34	0.623 670	9.988 049	2	.620	4 12.8
		32		34			2		5 16.0
381	9.364 411	32	9.376 364	33	0.623 636	9.988 047	2	619	6 19.2
382	9.364 443	32	9.376 397	34	0.623 603	9.988 045	2	618	7 22.4
383	9.364 475	32	9.376 431	34	0.623 569	9.988 043	2	617	8 25.6
		31		34			1		9 28.8
384	9.364 506	32	9.376 465	34	0.623 535	9.988 042	2	616	
385	9.364 538	32	9.376 498	33	0.623 502	9.988 040	2	615	
386	9.364 570	32	9.376 532	34	0.623 468	9.988 038	2	614	
		32		34			2		
387	9.364 602	32	9.376 566	34	0.623 434	9.988 036	2	613	
388	9.364 634	32	9.376 599	33	0.623 401	9.988 034	2	612	
389	9.364 666	32	9.376 633	34	0.623 367	9.988 033	1	611	
		32		34			2		31
.390	9.364 698	31	9.376 667	33	0.623 333	9.988 031	2	.610	1 3.1
		32		34			2		2 6.2
391	9.364 729	32	9.376 700	34	0.623 300	9.988 029	2	609	3 9.3
392	9.364 761	32	9.376 734	34	0.623 266	9.988 027	2	608	4 12.4
393	9.364 793	32	9.376 768	34	0.623 232	9.988 025	2	607	5 15.5
		32		33			1		6 18.6
394	9.364 825	32	9.376 801	34	0.623 199	9.988 024	2	606	7 21.7
395	9.364 857	32	9.376 835	34	0.623 165	9.988 022	2	605	8 24.8
396	9.364 889	32	9.376 869	34	0.623 131	9.988 020	2	604	9 27.9
		31		33			2		
397	9.364 920	32	9.376 902	34	0.623 098	9.988 018	2	603	
398	9.364 952	32	9.376 936	34	0.623 064	9.988 016	2	602	
399	9.364 984	32	9.376 969	33	0.623 031	9.988 015	1	601	
		32		34			2		
.400	9.365 016		9.377 003		0.622 997	9.988 013		.600	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.650 — 76°.600

13°.400 — 13°.450

13°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.365 016		9.377 003		0.622 997	9.988 013		.600	
401	9.365 048	32	9.377 037	34	0.622 963	9.988 011	2	599	
402	9.365 079	31	9.377 070	33	0.622 930	9.988 009	2	598	
403	9.365 111	32	9.377 104	34	0.622 896	9.988 007	2	597	
404	9.365 143	32	9.377 137	33	0.622 863	9.988 006	1	596	34
405	9.365 175	32	9.377 171	34	0.622 829	9.988 004	2	595	1 3.4
406	9.365 207	32	9.377 205	34	0.622 795	9.988 002	2	594	2 6.8
407	9.365 238	31	9.377 238	33	0.622 762	9.988 000	2	593	3 10.2
408	9.365 270	32	9.377 272	34	0.622 728	9.987 998	2	592	4 13.6
409	9.365 302	32	9.377 306	34	0.622 694	9.987 997	1	591	5 17.0
.410	9.365 334	32	9.377 339	33	0.622 661	9.987 995	2	.590	6 20.4
411	9.365 366	32	9.377 373	34	0.622 627	9.987 993	2	589	7 23.8
412	9.365 397	31	9.377 406	33	0.622 594	9.987 991	2	588	8 27.2
413	9.365 429	32	9.377 440	34	0.622 560	9.987 989	2	587	9 30.6
414	9.365 461	32	9.377 474	34	0.622 526	9.987 987	2	586	
415	9.365 493	32	9.377 507	33	0.622 493	9.987 986	1	585	
416	9.365 525	32	9.377 541	34	0.622 459	9.987 984	2	584	33
417	9.365 556	31	9.377 574	33	0.622 426	9.987 982	2	583	1 3.3
418	9.365 588	32	9.377 608	34	0.622 392	9.987 980	2	582	2 6.6
419	9.365 620	32	9.377 641	33	0.622 359	9.987 978	2	581	3 9.9
.420	9.365 652	32	9.377 675	34	0.622 325	9.987 977	1	.580	4 13.2
421	9.365 683	31	9.377 709	34	0.622 291	9.987 975	2	579	5 16.5
422	9.365 715	32	9.377 742	33	0.622 258	9.987 973	2	578	6 19.8
423	9.365 747	32	9.377 776	34	0.622 224	9.987 971	2	577	7 23.1
424	9.365 779	32	9.377 809	33	0.622 191	9.987 969	2	576	8 26.4
425	9.365 810	31	9.377 843	34	0.622 157	9.987 968	1	575	9 29.7
426	9.365 842	32	9.377 876	33	0.622 124	9.987 966	2	574	
427	9.365 874	32	9.377 910	34	0.622 090	9.987 964	2	573	32
428	9.365 906	32	9.377 944	34	0.622 056	9.987 962	2	572	1 3.2
429	9.365 937	31	9.377 977	33	0.622 023	9.987 960	2	571	2 6.4
.430	9.365 969	32	9.378 011	34	0.621 989	9.987 959	1	.570	3 9.6
431	9.366 001	32	9.378 044	33	0.621 956	9.987 957	2	569	4 12.8
432	9.366 033	32	9.378 078	34	0.621 922	9.987 955	2	568	5 16.0
433	9.366 064	31	9.378 111	33	0.621 889	9.987 953	2	567	6 19.2
434	9.366 096	32	9.378 145	34	0.621 855	9.987 951	2	566	7 22.4
435	9.366 128	32	9.378 178	33	0.621 822	9.987 950	1	565	8 25.6
436	9.366 160	32	9.378 212	34	0.621 788	9.987 948	2	564	9 28.8
437	9.366 191	31	9.378 245	33	0.621 755	9.987 946	2	563	
438	9.366 223	32	9.378 279	34	0.621 721	9.987 944	2	562	
439	9.366 255	32	9.378 313	34	0.621 687	9.987 942	2	561	31
.440	9.366 287	32	9.378 346	33	0.621 654	9.987 940	2	.560	1 3.1
441	9.366 318	31	9.378 380	34	0.621 620	9.987 939	1	559	2 6.2
442	9.366 350	32	9.378 413	33	0.621 587	9.987 937	2	558	3 9.3
443	9.366 382	32	9.378 447	34	0.621 553	9.987 935	2	557	4 12.4
444	9.366 413	31	9.378 480	33	0.621 520	9.987 933	2	556	5 15.5
445	9.366 445	32	9.378 514	34	0.621 486	9.987 931	2	555	6 18.6
446	9.366 477	32	9.378 547	33	0.621 453	9.987 930	1	554	7 21.7
447	9.366 508	31	9.378 581	34	0.621 419	9.987 928	2	553	8 24.8
448	9.366 540	32	9.378 614	33	0.621 386	9.987 926	2	552	9 27.9
449	9.366 572	32	9.378 648	34	0.621 352	9.987 924	2	551	
.450	9.366 604	32	9.378 681	33	0.621 319	9.987 922	2	.550	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.600 — 76°.550

13°.450 — 13°.500

13°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.366 604		9.378 681		0.621 319	9.987 922		.550	
451	9.366 635	31	9.378 715	34	0.621 285	9.987 921	1	549	
452	9.366 667	32	9.378 748	33	0.621 252	9.987 919	2	548	
453	9.366 699	32	9.378 782	34	0.621 218	9.987 917	2	547	
454	9.366 730	31	9.378 815	33	0.621 185	9.987 915	2	546	34
455	9.366 762	32	9.378 849	34	0.621 151	9.987 913	2	545	1 3.4
456	9.366 794	32	9.378 882	33	0.621 118	9.987 911	2	544	2 6.8
457	9.366 825	31	9.378 916	34	0.621 084	9.987 910	1	543	3 10.2
458	9.366 857	32	9.378 949	33	0.621 051	9.987 908	2	542	4 13.6
459	9.366 889	32	9.378 983	34	0.621 017	9.987 906	2	541	5 17.0
.460	9.366 920	31	9.379 016	33	0.620 984	9.987 904	2	.540	6 20.4
461	9.366 952	32	9.379 050	34	0.620 950	9.987 902	2	539	7 23.8
462	9.366 984	32	9.379 083	33	0.620 917	9.987 901	1	538	8 27.2
463	9.367 015	31	9.379 117	34	0.620 883	9.987 899	2	537	9 30.6
464	9.367 047	32	9.379 150	33	0.620 850	9.987 897	2	536	
465	9.367 079	32	9.379 184	34	0.620 816	9.987 895	2	535	
466	9.367 110	31	9.379 217	33	0.620 783	9.987 893	2	534	33
467	9.367 142	32	9.379 251	34	0.620 749	9.987 891	2	533	1 3.3
468	9.367 174	32	9.379 284	33	0.620 716	9.987 890	1	532	2 6.6
469	9.367 205	31	9.379 317	33	0.620 683	9.987 888	2	531	3 9.9
.470	9.367 237	32	9.379 351	34	0.620 649	9.987 886	2	.530	4 13.2
471	9.367 269	32	9.379 384	33	0.620 616	9.987 884	2	529	5 16.5
472	9.367 300	31	9.379 418	34	0.620 582	9.987 882	2	528	6 19.8
473	9.367 332	32	9.379 451	33	0.620 549	9.987 881	1	527	7 23.1
474	9.367 364	32	9.379 485	34	0.620 515	9.987 879	2	526	8 26.4
475	9.367 395	31	9.379 518	33	0.620 482	9.987 877	2	525	9 29.7
476	9.367 427	32	9.379 552	34	0.620 448	9.987 875	2	524	
477	9.367 458	31	9.379 585	33	0.620 415	9.987 873	2	523	
478	9.367 490	32	9.379 619	34	0.620 381	9.987 872	1	522	32
479	9.367 522	32	9.379 652	33	0.620 348	9.987 870	2	521	1 3.2
.480	9.367 553	31	9.379 685	33	0.620 315	9.987 868	2	.520	2 6.4
481	9.367 585	32	9.379 719	34	0.620 281	9.987 866	2	519	3 9.6
482	9.367 617	32	9.379 752	33	0.620 248	9.987 864	2	518	4 12.8
483	9.367 648	31	9.379 786	34	0.620 214	9.987 862	2	517	5 16.0
484	9.367 680	32	9.379 819	33	0.620 181	9.987 861	1	516	6 19.2
485	9.367 711	31	9.379 853	34	0.620 147	9.987 859	2	515	7 22.4
486	9.367 743	32	9.379 886	33	0.620 114	9.987 857	2	514	8 25.6
487	9.367 775	32	9.379 919	33	0.620 081	9.987 855	2	513	9 28.8
488	9.367 806	31	9.379 953	34	0.620 047	9.987 853	2	512	
489	9.367 838	32	9.379 986	33	0.620 014	9.987 852	1	511	
.490	9.367 869	31	9.380 020	34	0.619 980	9.987 850	2	.510	31
491	9.367 901	32	9.380 053	33	0.619 947	9.987 848	2	509	1 3.1
492	9.367 933	32	9.380 087	34	0.619 913	9.987 846	2	508	2 6.2
493	9.367 964	31	9.380 120	33	0.619 880	9.987 844	2	507	3 9.3
494	9.367 996	32	9.380 153	33	0.619 847	9.987 842	2	506	4 12.4
495	9.368 027	31	9.380 187	34	0.619 813	9.987 841	1	505	5 15.5
496	9.368 059	32	9.380 220	33	0.619 780	9.987 839	2	504	6 18.6
497	9.368 091	32	9.380 254	34	0.619 746	9.987 837	2	503	7 21.7
498	9.368 122	31	9.380 287	33	0.619 713	9.987 835	2	502	8 24.8
499	9.368 154	32	9.380 320	33	0.619 680	9.987 833	2	501	9 27.9
.500	9.368 185	31	9.380 354	34	0.619 646	9.987 832	1	.500	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.550 — 76°.500

13°.500 — 13°.550

13°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.368 185		9.380 354		0.619 646	9.987 832		.500	
501	9.368 217	32	9.380 387	33	0.619 613	9.987 830	2	499	
502	9.368 248	31	9.380 421	34	0.619 579	9.987 828	2	498	
503	9.368 280	32	9.380 454	33	0.619 546	9.987 826	2	497	
504	9.368 312	32	9.380 487	33	0.619 513	9.987 824	2	496	34
505	9.368 343	31	9.380 521	34	0.619 479	9.987 822	2	495	1 3.4
506	9.368 375	32	9.380 554	33	0.619 446	9.987 821	1	494	2 6.8
507	9.368 406	31	9.380 587	33	0.619 413	9.987 819	2	493	3 10.2
508	9.368 438	32	9.380 621	34	0.619 379	9.987 817	2	492	4 13.6
509	9.368 469	31	9.380 654	33	0.619 346	9.987 815	2	491	5 17.0
.510	9.368 501	32	9.380 688	34	0.619 312	9.987 813	2	.490	6 20.4
511	9.368 532	31	9.380 721	33	0.619 279	9.987 811	2	489	7 23.8
512	9.368 564	32	9.380 754	33	0.619 246	9.987 810	1	488	8 27.2
513	9.368 595	31	9.380 788	34	0.619 212	9.987 808	2	487	9 30.6
514	9.368 627	32	9.380 821	33	0.619 179	9.987 806	2	486	
515	9.368 659	32	9.380 854	33	0.619 146	9.987 804	2	485	
516	9.368 690	31	9.380 888	34	0.619 112	9.987 802	2	484	33
517	9.368 722	32	9.380 921	33	0.619 079	9.987 801	1	483	1 3.3
518	9.368 753	31	9.380 954	33	0.619 046	9.987 799	2	482	2 6.6
519	9.368 785	32	9.380 988	34	0.619 012	9.987 797	2	481	3 9.9
.520	9.368 816	31	9.381 021	33	0.618 979	9.987 795	2	.480	4 13.2
521	9.368 848	32	9.381 054	33	0.618 946	9.987 793	2	479	5 16.5
522	9.368 879	31	9.381 088	34	0.618 912	9.987 791	2	478	6 19.8
523	9.368 911	32	9.381 121	33	0.618 879	9.987 790	1	477	7 23.1
524	9.368 942	31	9.381 154	33	0.618 846	9.987 788	2	476	8 26.4
525	9.368 974	32	9.381 188	34	0.618 812	9.987 786	2	475	9 29.7
526	9.369 005	31	9.381 221	33	0.618 779	9.987 784	2	474	
527	9.369 037	32	9.381 254	33	0.618 746	9.987 782	2	473	
528	9.369 068	31	9.381 288	34	0.618 712	9.987 781	1	472	32
529	9.369 100	32	9.381 321	33	0.618 679	9.987 779	2	471	1 3.2
.530	9.369 131	31	9.381 354	33	0.618 646	9.987 777	2	.470	2 6.4
531	9.369 163	32	9.381 388	34	0.618 612	9.987 775	2	469	3 9.6
532	9.369 194	31	9.381 421	33	0.618 579	9.987 773	2	468	4 12.8
533	9.369 226	32	9.381 454	33	0.618 546	9.987 771	2	467	5 16.0
534	9.369 257	31	9.381 488	34	0.618 512	9.987 770	1	466	6 19.2
535	9.369 289	32	9.381 521	33	0.618 479	9.987 768	2	465	7 22.4
536	9.369 320	31	9.381 554	33	0.618 446	9.987 766	2	464	8 25.6
537	9.369 352	32	9.381 588	34	0.618 412	9.987 764	2	463	9 28.8
538	9.369 383	31	9.381 621	33	0.618 379	9.987 762	2	462	
539	9.369 415	32	9.381 654	33	0.618 346	9.987 760	2	461	
.540	9.369 446	31	9.381 688	34	0.618 312	9.987 759	1	.460	31
541	9.369 478	32	9.381 721	33	0.618 279	9.987 757	2	459	1 3.1
542	9.369 509	31	9.381 754	33	0.618 246	9.987 755	2	458	2 6.2
543	9.369 541	32	9.381 787	33	0.618 213	9.987 753	2	457	3 9.3
544	9.369 572	31	9.381 821	34	0.618 179	9.987 751	2	456	4 12.4
545	9.369 604	32	9.381 854	33	0.618 146	9.987 749	2	455	5 15.5
546	9.369 635	31	9.381 887	33	0.618 113	9.987 748	1	454	6 18.6
547	9.369 666	31	9.381 921	34	0.618 079	9.987 746	2	453	7 21.7
548	9.369 698	32	9.381 954	33	0.618 046	9.987 744	2	452	8 24.8
549	9.369 729	31	9.381 987	33	0.618 013	9.987 742	2	451	9 27.9
.550	9.369 761	32	9.382 020	33	0.617 980	9.987 740	2	.450	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.500 — 76°.450

13°.550 — 13°.600

13°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.369 761		9.382 020		0.617 980	9.987 740		.450	
551	9.369 792	31	9.382 054	34	0.617 946	9.987 739	1	449	
552	9.369 824	32	9.382 087	33	0.617 913	9.987 737	2	448	
553	9.369 855	31	9.382 120	33	0.617 880	9.987 735	2	447	
		32		34			2		34
554	9.369 887	31	9.382 154	33	0.617 846	9.987 733	2	446	
555	9.369 918	32	9.382 187	33	0.617 813	9.987 731	2	445	1 3.4
556	9.369 950	31	9.382 220	33	0.617 780	9.987 729	2	444	2 6.8
		32		33			1		3 10.2
557	9.369 981	31	9.382 253	33	0.617 747	9.987 728	2	443	4 13.6
558	9.370 012	31	9.382 287	34	0.617 713	9.987 726	2	442	5 17.0
559	9.370 044	32	9.382 320	33	0.617 680	9.987 724	2	441	6 20.4
		31		33			2		7 23.8
.560	9.370 075	32	9.382 353	33	0.617 647	9.987 722	2	.440	8 27.2
		31		33			2		9 30.6
561	9.370 107	31	9.382 386	34	0.617 614	9.987 720	2	439	
562	9.370 138	32	9.382 420	33	0.617 580	9.987 718	2	438	
563	9.370 170	31	9.382 453	33	0.617 547	9.987 717	1	437	
		32		33			2		
564	9.370 201	31	9.382 486	33	0.617 514	9.987 715	2	436	
565	9.370 232	31	9.382 519	33	0.617 481	9.987 713	2	435	
566	9.370 264	32	9.382 553	34	0.617 447	9.987 711	2	434	33
		31		33			2		1 3.3
567	9.370 295	32	9.382 586	33	0.617 414	9.987 709	2	433	2 6.6
568	9.370 327	31	9.382 619	33	0.617 381	9.987 707	2	432	3 9.9
569	9.370 358	31	9.382 652	33	0.617 348	9.987 706	1	431	4 13.2
		32		34			2		5 16.5
.570	9.370 389	32	9.382 686	33	0.617 314	9.987 704	2	.430	6 19.8
		31		33			2		7 23.1
571	9.370 421	31	9.382 719	33	0.617 281	9.987 702	2	429	8 26.4
572	9.370 452	32	9.382 752	33	0.617 248	9.987 700	2	428	9 29.7
573	9.370 484	31	9.382 785	34	0.617 215	9.987 698	2	427	
		32		33			2		
574	9.370 515	31	9.382 819	33	0.617 181	9.987 696	1	426	
575	9.370 546	31	9.382 852	33	0.617 148	9.987 695	2	425	
576	9.370 578	32	9.382 885	33	0.617 115	9.987 693	2	424	
		31		33			2		
577	9.370 609	32	9.382 918	33	0.617 082	9.987 691	2	423	32
578	9.370 641	31	9.382 951	33	0.617 049	9.987 689	2	422	1 3.2
579	9.370 672	31	9.382 985	34	0.617 015	9.987 687	2	421	2 6.4
		32		33			2		3 9.6
.580	9.370 703	32	9.383 018	33	0.616 982	9.987 685	1	.420	4 12.8
		31		33			2		5 16.0
581	9.370 735	31	9.383 051	33	0.616 949	9.987 684	2	419	6 19.2
582	9.370 766	31	9.383 084	33	0.616 916	9.987 682	2	418	7 22.4
583	9.370 797	32	9.383 117	34	0.616 883	9.987 680	2	417	8 25.6
		31		33			2		9 28.8
584	9.370 829	31	9.383 151	33	0.616 849	9.987 678	2	416	
585	9.370 860	32	9.383 184	33	0.616 816	9.987 676	2	415	
586	9.370 892	31	9.383 217	33	0.616 783	9.987 674	2	414	
		32		33			1		
587	9.370 923	31	9.383 250	33	0.616 750	9.987 673	2	413	
588	9.370 954	32	9.383 283	33	0.616 717	9.987 671	2	412	
589	9.370 986	31	9.383 317	34	0.616 683	9.987 669	2	411	
		32		33			2		31
.590	9.371 017	31	9.383 350	33	0.616 650	9.987 667	2	.410	1 3.1
		32		33			2		2 6.2
591	9.371 048	31	9.383 383	33	0.616 617	9.987 665	1	409	3 9.3
592	9.371 080	31	9.383 416	33	0.616 584	9.987 664	2	408	4 12.4
593	9.371 111	31	9.383 449	33	0.616 551	9.987 662	2	407	5 15.5
		32		34			2		6 18.6
594	9.371 142	31	9.383 483	33	0.616 517	9.987 660	2	406	7 21.7
595	9.371 174	32	9.383 516	33	0.616 484	9.987 658	2	405	8 24.8
596	9.371 205	31	9.383 549	33	0.616 451	9.987 656	2	404	9 27.9
		32		33			2		
597	9.371 236	31	9.383 582	33	0.616 418	9.987 654	1	403	
598	9.371 268	32	9.383 615	33	0.616 385	9.987 653	2	402	
599	9.371 299	31	9.383 648	33	0.616 352	9.987 651	2	401	
		32		34			2		
.600	9.371 330	31	9.383 682	34	0.616 318	9.987 649	2	.400	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.450 — 76°.400

13°.600 — 13°.650

13°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.371 330		9.383 682		0.616 318	9.987 649		.400	
601	9.371 362	32	9.383 715	33	0.616 285	9.987 647	2	399	
602	9.371 393	31	9.383 748	33	0.616 252	9.987 645	2	398	
603	9.371 424	31	9.383 781	33	0.616 219	9.987 643	2	397	
604	9.371 456	32	9.383 814	33	0.616 186	9.987 642	1	396	34
605	9.371 487	31	9.383 847	33	0.616 153	9.987 640	2	395	1 3.4
606	9.371 518	31	9.383 881	34	0.616 119	9.987 638	2	394	2 6.8
607	9.371 550	32	9.383 914	33	0.616 086	9.987 636	2	393	3 10.2
608	9.371 581	31	9.383 947	33	0.616 053	9.987 634	2	392	4 13.6
609	9.371 612	31	9.383 980	33	0.616 020	9.987 632	2	391	5 17.0
.610	9.371 644	32	9.384 013	33	0.615 987	9.987 630	2	.390	6 20.4
611	9.371 675	31	9.384 046	33	0.615 954	9.987 629	1	389	7 23.8
612	9.371 706	31	9.384 079	33	0.615 921	9.987 627	2	388	8 27.2
613	9.371 738	32	9.384 113	34	0.615 887	9.987 625	2	387	9 30.6
614	9.371 769	31	9.384 146	33	0.615 854	9.987 623	2	386	
615	9.371 800	31	9.384 179	33	0.615 821	9.987 621	2	385	
616	9.371 831	31	9.384 212	33	0.615 788	9.987 619	2	384	33
617	9.371 863	32	9.384 245	33	0.615 755	9.987 618	1	383	1 3.3
618	9.371 894	31	9.384 278	33	0.615 722	9.987 616	2	382	2 6.6
619	9.371 925	31	9.384 311	33	0.615 689	9.987 614	2	381	3 9.9
.620	9.371 957	32	9.384 344	33	0.615 656	9.987 612	2	.380	4 13.2
621	9.371 988	31	9.384 378	34	0.615 622	9.987 610	2	379	5 16.5
622	9.372 019	31	9.384 411	33	0.615 589	9.987 608	2	378	6 19.8
623	9.372 050	31	9.384 444	33	0.615 556	9.987 607	1	377	7 23.1
624	9.372 082	32	9.384 477	33	0.615 523	9.987 605	2	376	8 26.4
625	9.372 113	31	9.384 510	33	0.615 490	9.987 603	2	375	9 29.7
626	9.372 144	31	9.384 543	33	0.615 457	9.987 601	2	374	
627	9.372 175	31	9.384 576	33	0.615 424	9.987 599	2	373	
628	9.372 207	32	9.384 609	33	0.615 391	9.987 597	2	372	32
629	9.372 238	31	9.384 642	33	0.615 358	9.987 596	1	371	1 3.2
.630	9.372 269	31	9.384 676	34	0.615 324	9.987 594	2	.370	2 6.4
631	9.372 301	32	9.384 709	33	0.615 291	9.987 592	2	369	3 9.6
632	9.372 332	31	9.384 742	33	0.615 258	9.987 590	2	368	4 12.8
633	9.372 363	31	9.384 775	33	0.615 225	9.987 588	2	367	5 16.0
634	9.372 394	31	9.384 808	33	0.615 192	9.987 586	2	366	6 19.2
635	9.372 426	32	9.384 841	33	0.615 159	9.987 585	2	365	7 22.4
636	9.372 457	31	9.384 874	33	0.615 126	9.987 583	2	364	8 25.6
637	9.372 488	31	9.384 907	33	0.615 093	9.987 581	1	363	9 28.8
638	9.372 519	31	9.384 940	33	0.615 060	9.987 579	2	362	
639	9.372 551	32	9.384 973	33	0.615 027	9.987 577	2	361	
.640	9.372 582	31	9.385 006	33	0.614 994	9.987 575	2	.360	31
641	9.372 613	31	9.385 039	33	0.614 961	9.987 574	1	359	1 3.1
642	9.372 644	31	9.385 073	34	0.614 927	9.987 572	2	358	2 6.2
643	9.372 675	31	9.385 106	33	0.614 894	9.987 570	2	357	3 9.3
644	9.372 707	32	9.385 139	33	0.614 861	9.987 568	2	356	4 12.4
645	9.372 738	31	9.385 172	33	0.614 828	9.987 566	2	355	5 15.5
646	9.372 769	31	9.385 205	33	0.614 795	9.987 564	2	354	6 18.6
647	9.372 800	31	9.385 238	33	0.614 762	9.987 562	2	353	7 21.7
648	9.372 832	32	9.385 271	33	0.614 729	9.987 561	2	352	8 24.8
649	9.372 863	31	9.385 304	33	0.614 696	9.987 559	2	351	9 27.9
.650	9.372 894	31	9.385 337	33	0.614 663	9.987 557	2	.350	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.400 — 76°.350

13°.650 — 13°.700

13°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.372 894		9.385 337		0.614 663	9.987 557		.350	
651	9.372 925	3 ¹	9.385 370	33	0.614 630	9.987 555	2	349	
652	9.372 956	3 ¹	9.385 403	33	0.614 597	9.987 553	2	348	
653	9.372 988	3 ²	9.385 436	33	0.614 564	9.987 551	2	347	
654	9.373 019	3 ¹	9.385 469	33	0.614 531	9.987 550	1	346	34
655	9.373 050	3 ¹	9.385 502	33	0.614 498	9.987 548	2	345	1 3.4
656	9.373 081	3 ¹	9.385 535	33	0.614 465	9.987 546	2	344	2 6.8
657	9.373 112	3 ¹	9.385 568	33	0.614 432	9.987 544	2	343	3 10.2
658	9.373 144	3 ²	9.385 601	33	0.614 399	9.987 542	2	342	4 13.6
659	9.373 175	3 ¹	9.385 634	33	0.614 366	9.987 540	2	341	5 17.0
.660	9.373 206	3 ¹	9.385 667	33	0.614 333	9.987 539	1	.340	6 20.4
661	9.373 237	3 ¹	9.385 700	33	0.614 300	9.987 537	2	339	7 23.8
662	9.373 268	3 ¹	9.385 734	34	0.614 266	9.987 535	2	338	8 27.2
663	9.373 300	3 ²	9.385 767	33	0.614 233	9.987 533	2	337	9 30.6
664	9.373 331	3 ¹	9.385 800	33	0.614 200	9.987 531	2	336	
665	9.373 362	3 ¹	9.385 833	33	0.614 167	9.987 529	2	335	
666	9.373 393	3 ¹	9.385 866	33	0.614 134	9.987 528	1	334	33
667	9.373 424	3 ¹	9.385 899	33	0.614 101	9.987 526	2	333	1 3.3
668	9.373 455	3 ¹	9.385 932	33	0.614 068	9.987 524	2	332	2 6.6
669	9.373 487	3 ²	9.385 965	33	0.614 035	9.987 522	2	331	3 9.9
.670	9.373 518	3 ¹	9.385 998	33	0.614 002	9.987 520	2	.330	4 13.2
671	9.373 549	3 ¹	9.386 031	33	0.613 969	9.987 518	2	329	5 16.5
672	9.373 580	3 ¹	9.386 064	33	0.613 936	9.987 516	2	328	6 19.8
673	9.373 611	3 ¹	9.386 097	33	0.613 903	9.987 515	1	327	7 23.1
674	9.373 642	3 ¹	9.386 130	33	0.613 870	9.987 513	2	326	8 26.4
675	9.373 674	3 ²	9.386 163	33	0.613 837	9.987 511	2	325	9 29.7
676	9.373 705	3 ¹	9.386 196	33	0.613 804	9.987 509	2	324	
677	9.373 736	3 ¹	9.386 229	33	0.613 771	9.987 507	2	323	
678	9.373 767	3 ¹	9.386 262	33	0.613 738	9.987 505	2	322	32
679	9.373 798	3 ¹	9.386 295	33	0.613 705	9.987 504	1	321	1 3.2
.680	9.373 829	3 ¹	9.386 328	33	0.613 672	9.987 502	2	.320	2 6.4
681	9.373 860	3 ¹	9.386 361	33	0.613 639	9.987 500	2	319	3 9.6
682	9.373 892	3 ²	9.386 394	33	0.613 606	9.987 498	2	318	4 12.8
683	9.373 923	3 ¹	9.386 427	33	0.613 573	9.987 496	2	317	5 16.0
684	9.373 954	3 ¹	9.386 460	33	0.613 540	9.987 494	2	316	6 19.2
685	9.373 985	3 ¹	9.386 493	33	0.613 507	9.987 492	2	315	7 22.4
686	9.374 016	3 ¹	9.386 525	32	0.613 475	9.987 491	1	314	8 25.6
687	9.374 047	3 ¹	9.386 558	33	0.613 442	9.987 489	2	313	9 28.8
688	9.374 078	3 ¹	9.386 591	33	0.613 409	9.987 487	2	312	
689	9.374 109	3 ¹	9.386 624	33	0.613 376	9.987 485	2	311	
.690	9.374 141	3 ²	9.386 657	33	0.613 343	9.987 483	2	.310	31
691	9.374 172	3 ¹	9.386 690	33	0.613 310	9.987 481	2	309	1 3.1
692	9.374 203	3 ¹	9.386 723	33	0.613 277	9.987 480	1	308	2 6.2
693	9.374 234	3 ¹	9.386 756	33	0.613 244	9.987 478	2	307	3 9.3
694	9.374 265	3 ¹	9.386 789	33	0.613 211	9.987 476	2	306	4 12.4
695	9.374 296	3 ¹	9.386 822	33	0.613 178	9.987 474	2	305	5 15.5
696	9.374 327	3 ¹	9.386 855	33	0.613 145	9.987 472	2	304	6 18.6
697	9.374 358	3 ¹	9.386 888	33	0.613 112	9.987 470	2	303	7 21.7
698	9.374 389	3 ¹	9.386 921	33	0.613 079	9.987 468	2	302	8 24.8
699	9.374 421	3 ²	9.386 954	33	0.613 046	9.987 467	1	301	9 27.9
.700	9.374 452	3 ¹	9.386 987	33	0.613 013	9.987 465	2	.300	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.350 — 76°.300

13°.700 — 13°.750

13°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.374 452		9.386 987		0.613 013	9.987 465		.300	
701	9.374 483	3 ¹	9.387 020	33	0.612 980	9.987 463	2	299	
702	9.374 514	3 ¹	9.387 053	33	0.612 947	9.987 461	2	298	
703	9.374 545	3 ¹	9.387 086	33	0.612 914	9.987 459	2	297	
704	9.374 576	3 ¹	9.387 119	33	0.612 881	9.987 457	2	296	33
705	9.374 607	3 ¹	9.387 152	33	0.612 848	9.987 456	1	295	1 3.3
706	9.374 638	3 ¹	9.387 185	33	0.612 815	9.987 454	2	294	2 6.6
707	9.374 669	3 ¹	9.387 217	3 ²	0.612 783	9.987 452	2	293	3 9.9
708	9.374 700	3 ¹	9.387 250	33	0.612 750	9.987 450	2	292	4 13.2
709	9.374 731	3 ¹	9.387 283	33	0.612 717	9.987 448	2	291	5 16.5
.710	9.374 762	3 ¹	9.387 316	33	0.612 684	9.987 446	2	.290	6 19.8
711	9.374 794	3 ²	9.387 349	33	0.612 651	9.987 444	2	289	7 23.1
712	9.374 825	3 ¹	9.387 382	33	0.612 618	9.987 443	1	288	8 26.4
713	9.374 856	3 ¹	9.387 415	33	0.612 585	9.987 441	2	287	9 29.7
714	9.374 887	3 ¹	9.387 448	33	0.612 552	9.987 439	2	286	
715	9.374 918	3 ¹	9.387 481	33	0.612 519	9.987 437	2	285	
716	9.374 949	3 ¹	9.387 514	33	0.612 486	9.987 435	2	284	32
717	9.374 980	3 ¹	9.387 547	33	0.612 453	9.987 433	2	283	1 3.2
718	9.375 011	3 ¹	9.387 579	3 ²	0.612 421	9.987 431	2	282	2 6.4
719	9.375 042	3 ¹	9.387 612	33	0.612 388	9.987 430	1	281	3 9.6
.720	9.375 073	3 ¹	9.387 645	33	0.612 355	9.987 428	2	.280	4 12.8
721	9.375 104	3 ¹	9.387 678	33	0.612 322	9.987 426	2	279	5 16.0
722	9.375 135	3 ¹	9.387 711	33	0.612 289	9.987 424	2	278	6 19.2
723	9.375 166	3 ¹	9.387 744	33	0.612 256	9.987 422	2	277	7 22.4
724	9.375 197	3 ¹	9.387 777	33	0.612 223	9.987 420	2	276	8 25.6
725	9.375 228	3 ¹	9.387 810	33	0.612 190	9.987 419	2	275	9 28.8
726	9.375 259	3 ¹	9.387 843	33	0.612 157	9.987 417	2	274	
727	9.375 290	3 ¹	9.387 876	33	0.612 124	9.987 415	2	273	31
728	9.375 321	3 ¹	9.387 908	3 ²	0.612 092	9.987 413	2	272	
729	9.375 352	3 ¹	9.387 941	33	0.612 059	9.987 411	2	271	1 3.1
.730	9.375 383	3 ¹	9.387 974	33	0.612 026	9.987 409	2	.270	2 6.2
731	9.375 414	3 ¹	9.388 007	33	0.611 993	9.987 407	2	269	3 9.3
732	9.375 445	3 ¹	9.388 040	33	0.611 960	9.987 406	1	268	4 12.4
733	9.375 476	3 ¹	9.388 073	33	0.611 927	9.987 404	2	267	5 15.5
734	9.375 507	3 ¹	9.388 106	33	0.611 894	9.987 402	2	266	6 18.6
735	9.375 538	3 ¹	9.388 138	3 ²	0.611 862	9.987 400	2	265	7 21.7
736	9.375 570	3 ²	9.388 171	33	0.611 829	9.987 398	2	264	8 24.8
737	9.375 601	3 ¹	9.388 204	33	0.611 796	9.987 396	2	263	9 27.9
738	9.375 632	3 ¹	9.388 237	33	0.611 763	9.987 394	2	262	
739	9.375 663	3 ¹	9.388 270	33	0.611 730	9.987 393	1	261	
.740	9.375 694	3 ¹	9.388 303	33	0.611 697	9.987 391	2	.260	30
741	9.375 725	3 ¹	9.388 336	33	0.611 664	9.987 389	2	259	1 3.0
742	9.375 756	3 ¹	9.388 368	3 ²	0.611 632	9.987 387	2	258	2 6.0
743	9.375 787	3 ¹	9.388 401	33	0.611 599	9.987 385	2	257	3 9.0
744	9.375 818	3 ¹	9.388 434	33	0.611 566	9.987 383	2	256	4 12.0
745	9.375 848	3 ⁰	9.388 467	33	0.611 533	9.987 381	2	255	5 15.0
746	9.375 879	3 ¹	9.388 500	33	0.611 500	9.987 380	1	254	6 18.0
747	9.375 910	3 ¹	9.388 533	33	0.611 467	9.987 378	2	253	7 21.0
748	9.375 941	3 ¹	9.388 566	33	0.611 434	9.987 376	2	252	8 24.0
749	9.375 972	3 ¹	9.388 598	3 ²	0.611 402	9.987 374	2	251	9 27.0
.750	9.376 003	3 ¹	9.388 631	33	0.611 369	9.987 372	2	.250	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.300 — 76°.250

13°.750 — 13°.800

13°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.376 003		9.388 631		0.611 369	9.987 372		.250	
751	9.376 034	3 ¹	9.388 664	33	0.611 336	9.987 370	2	249	
752	9.376 065	3 ¹	9.388 697	33	0.611 303	9.987 368	2	248	
753	9.376 096	3 ¹	9.388 730	33	0.611 270	9.987 367	1	247	
754	9.376 127	3 ¹	9.388 763	33	0.611 237	9.987 365	2	246	33
755	9.376 158	3 ¹	9.388 795	32	0.611 205	9.987 363	2	245	1 3.3
756	9.376 189	3 ¹	9.388 828	33	0.611 172	9.987 361	2	244	2 6.6
757	9.376 220	3 ¹	9.388 861	33	0.611 139	9.987 359	2	243	3 9.9
758	9.376 251	3 ¹	9.388 894	33	0.611 106	9.987 357	2	242	4 13.2
759	9.376 282	3 ¹	9.388 927	33	0.611 073	9.987 356	1	241	5 16.5
.760	9.376 313	3 ¹	9.388 959	32	0.611 041	9.987 354	2	.240	6 19.8
761	9.376 344	3 ¹	9.388 992	33	0.611 008	9.987 352	2	239	7 23.1
762	9.376 375	3 ¹	9.389 025	33	0.610 975	9.987 350	2	238	8 26.4
763	9.376 406	3 ¹	9.389 058	33	0.610 942	9.987 348	2	237	9 29.7
764	9.376 437	3 ¹	9.389 091	33	0.610 909	9.987 346	2	236	
765	9.376 468	3 ¹	9.389 123	32	0.610 877	9.987 344	2	235	
766	9.376 499	3 ¹	9.389 156	33	0.610 844	9.987 343	1	234	32
767	9.376 530	3 ¹	9.389 189	33	0.610 811	9.987 341	2	233	1 3.2
768	9.376 561	3 ¹	9.389 222	33	0.610 778	9.987 339	2	232	2 6.4
769	9.376 592	3 ¹	9.389 255	33	0.610 745	9.987 337	2	231	3 9.6
.770	9.376 622	3 ⁰	9.389 287	32	0.610 713	9.987 335	2	.230	4 12.8
771	9.376 653	3 ¹	9.389 320	33	0.610 680	9.987 333	2	229	5 16.0
772	9.376 684	3 ¹	9.389 353	33	0.610 647	9.987 331	2	228	6 19.2
773	9.376 715	3 ¹	9.389 386	33	0.610 614	9.987 330	1	227	7 22.4
774	9.376 746	3 ¹	9.389 419	33	0.610 581	9.987 328	2	226	8 25.6
775	9.376 777	3 ¹	9.389 451	32	0.610 549	9.987 326	2	225	9 28.8
776	9.376 808	3 ¹	9.389 484	33	0.610 516	9.987 324	2	224	
777	9.376 839	3 ¹	9.389 517	33	0.610 483	9.987 322	2	223	
778	9.376 870	3 ¹	9.389 550	33	0.610 450	9.987 320	2	222	31
779	9.376 901	3 ¹	9.389 582	32	0.610 418	9.987 318	2	221	1 3.1
.780	9.376 932	3 ¹	9.389 615	33	0.610 385	9.987 316	2	.220	2 6.2
781	9.376 963	3 ¹	9.389 648	33	0.610 352	9.987 315	1	219	3 9.3
782	9.376 993	3 ⁰	9.389 681	33	0.610 319	9.987 313	2	218	4 12.4
783	9.377 024	3 ¹	9.389 713	32	0.610 287	9.987 311	2	217	5 15.5
784	9.377 055	3 ¹	9.389 746	33	0.610 254	9.987 309	2	216	6 18.6
785	9.377 086	3 ¹	9.389 779	33	0.610 221	9.987 307	2	215	7 21.7
786	9.377 117	3 ¹	9.389 812	33	0.610 188	9.987 305	2	214	8 24.8
787	9.377 148	3 ¹	9.389 844	32	0.610 156	9.987 303	2	213	9 27.9
788	9.377 179	3 ¹	9.389 877	33	0.610 123	9.987 302	1	212	
789	9.377 210	3 ¹	9.389 910	33	0.610 090	9.987 300	2	211	
.790	9.377 241	3 ¹	9.389 943	33	0.610 057	9.987 298	2	.210	30
791	9.377 271	3 ⁰	9.389 975	32	0.610 025	9.987 296	2	209	1 3.0
792	9.377 302	3 ¹	9.390 008	33	0.609 992	9.987 294	2	208	2 6.0
793	9.377 333	3 ¹	9.390 041	33	0.609 959	9.987 292	2	207	3 9.0
794	9.377 364	3 ¹	9.390 074	33	0.609 926	9.987 290	2	206	4 12.0
795	9.377 395	3 ¹	9.390 106	32	0.609 894	9.987 289	1	205	5 15.0
796	9.377 426	3 ¹	9.390 139	33	0.609 861	9.987 287	2	204	6 18.0
797	9.377 457	3 ¹	9.390 172	33	0.609 828	9.987 285	2	203	7 21.0
798	9.377 488	3 ¹	9.390 205	33	0.609 795	9.987 283	2	202	8 24.0
799	9.377 518	3 ⁰	9.390 237	32	0.609 763	9.987 281	2	201	9 27.0
.800	9.377 549	3 ¹	9.390 270	33	0.609 730	9.987 279	2	.200	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.250 — 76°.200

13°.800 — 13°.850

13°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.377 549		9.390 270		0.609 730	9.987 279		.200	
801	9.377 580	31	9.390 303	33	0.609 697	9.987 277	2	199	
802	9.377 611	31	9.390 335	32	0.609 665	9.987 276	1	198	
803	9.377 642	31	9.390 368	33	0.609 632	9.987 274	2	197	
804	9.377 673	31	9.390 401	33	0.609 599	9.987 272	2	196	33
805	9.377 704	31	9.390 434	33	0.609 566	9.987 270	2	195	1 3.3
806	9.377 734	30	9.390 466	32	0.609 534	9.987 268	2	194	2 6.6
807	9.377 765	31	9.390 499	33	0.609 501	9.987 266	2	193	3 9.9
808	9.377 796	31	9.390 532	33	0.609 468	9.987 264	2	192	4 13.2
809	9.377 827	31	9.390 564	32	0.609 436	9.987 263	1	191	5 16.5
.810	9.377 858	31	9.390 597	33	0.609 403	9.987 261	2	.190	6 19.8
811	9.377 889	31	9.390 630	33	0.609 370	9.987 259	2	189	7 23.1
812	9.377 919	30	9.390 663	33	0.609 337	9.987 257	2	188	8 26.4
813	9.377 950	31	9.390 695	32	0.609 305	9.987 255	2	187	9 29.7
814	9.377 981	31	9.390 728	33	0.609 272	9.987 253	2	186	
815	9.378 012	31	9.390 761	33	0.609 239	9.987 251	2	185	
816	9.378 043	31	9.390 793	32	0.609 207	9.987 249	2	184	32
817	9.378 074	31	9.390 826	33	0.609 174	9.987 248	1	183	1 3.2
818	9.378 104	30	9.390 859	33	0.609 141	9.987 246	2	182	2 6.4
819	9.378 135	31	9.390 891	32	0.609 109	9.987 244	2	181	3 9.6
.820	9.378 166	31	9.390 924	33	0.609 076	9.987 242	2	.180	4 12.8
821	9.378 197	31	9.390 957	33	0.609 043	9.987 240	2	179	5 16.0
822	9.378 228	31	9.390 989	32	0.609 011	9.987 238	2	178	6 19.2
823	9.378 258	30	9.391 022	33	0.608 978	9.987 236	2	177	7 22.4
824	9.378 289	31	9.391 055	33	0.608 945	9.987 235	1	176	8 25.6
825	9.378 320	31	9.391 087	32	0.608 913	9.987 233	2	175	9 28.8
826	9.378 351	31	9.391 120	33	0.608 880	9.987 231	2	174	
827	9.378 382	31	9.391 153	33	0.608 847	9.987 229	2	173	
828	9.378 412	30	9.391 185	32	0.608 815	9.987 227	2	172	31
829	9.378 443	31	9.391 218	33	0.608 782	9.987 225	2	171	1 3.1
.830	9.378 474	31	9.391 251	33	0.608 749	9.987 223	2	.170	2 6.2
831	9.378 505	31	9.391 283	32	0.608 717	9.987 222	1	169	3 9.3
832	9.378 536	31	9.391 316	33	0.608 684	9.987 220	2	168	4 12.4
833	9.378 566	30	9.391 349	33	0.608 651	9.987 218	2	167	5 15.5
834	9.378 597	31	9.391 381	32	0.608 619	9.987 216	2	166	6 18.6
835	9.378 628	31	9.391 414	33	0.608 586	9.987 214	2	165	7 21.7
836	9.378 659	31	9.391 447	33	0.608 553	9.987 212	2	164	8 24.8
837	9.378 690	31	9.391 479	32	0.608 521	9.987 210	2	163	9 27.9
838	9.378 720	30	9.391 512	33	0.608 488	9.987 208	2	162	
839	9.378 751	31	9.391 544	32	0.608 456	9.987 207	1	161	
.840	9.378 782	31	9.391 577	33	0.608 423	9.987 205	2	.160	30
841	9.378 813	31	9.391 610	33	0.608 390	9.987 203	2	159	1 3.0
842	9.378 843	30	9.391 642	32	0.608 358	9.987 201	2	158	2 6.0
843	9.378 874	31	9.391 675	33	0.608 325	9.987 199	2	157	3 9.0
844	9.378 905	31	9.391 708	33	0.608 292	9.987 197	2	156	4 12.0
845	9.378 936	31	9.391 740	32	0.608 260	9.987 195	2	155	5 15.0
846	9.378 966	30	9.391 773	33	0.608 227	9.987 193	2	154	6 18.0
847	9.378 997	31	9.391 806	33	0.608 194	9.987 192	1	153	7 21.0
848	9.379 028	31	9.391 838	32	0.608 162	9.987 190	2	152	8 24.0
849	9.379 059	31	9.391 871	33	0.608 129	9.987 188	2	151	9 27.0
.850	9.379 089	30	9.391 903	32	0.608 097	9.987 186	2	.150	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.200 — 76°.150

13°.850 — 13°.900

13°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.379 089		9.391 903		0.608 097	9.987 186		.150	
851	9.379 120	31	9.391 936	33	0.608 064	9.987 184	2	149	
852	9.379 151	31	9.391 969	33	0.608 031	9.987 182	2	148	
853	9.379 182	31	9.392 001	32	0.607 999	9.987 180	2	147	
854	9.379 212	30	9.392 034	33	0.607 966	9.987 179	1	146	33
855	9.379 243	31	9.392 066	32	0.607 934	9.987 177	2	145	1 3.3
856	9.379 274	31	9.392 099	33	0.607 901	9.987 175	2	144	2 6.6
857	9.379 305	31	9.392 132	33	0.607 868	9.987 173	2	143	3 9.9
858	9.379 335	30	9.392 164	32	0.607 836	9.987 171	2	142	4 13.2
859	9.379 366	31	9.392 197	33	0.607 803	9.987 169	2	141	5 16.5
.860	9.379 397	31	9.392 229	32	0.607 771	9.987 167	2	.140	6 19.8
861	9.379 427	30	9.392 262	33	0.607 738	9.987 165	2	139	7 23.1
862	9.379 458	31	9.392 295	33	0.607 705	9.987 164	1	138	8 26.4
863	9.379 489	31	9.392 327	32	0.607 673	9.987 162	2	137	9 29.7
864	9.379 520	31	9.392 360	33	0.607 640	9.987 160	2	136	
865	9.379 550	30	9.392 392	32	0.607 608	9.987 158	2	135	32
866	9.379 581	31	9.392 425	33	0.607 575	9.987 156	2	134	1 3.2
867	9.379 612	31	9.392 457	32	0.607 543	9.987 154	2	133	2 6.4
868	9.379 642	30	9.392 490	33	0.607 510	9.987 152	2	132	3 9.6
869	9.379 673	31	9.392 523	33	0.607 477	9.987 150	2	131	4 12.8
.870	9.379 704	31	9.392 555	32	0.607 445	9.987 149	1	.130	5 16.0
871	9.379 735	31	9.392 588	33	0.607 412	9.987 147	2	129	6 19.2
872	9.379 765	30	9.392 620	32	0.607 380	9.987 145	2	128	7 22.4
873	9.379 796	31	9.392 653	33	0.607 347	9.987 143	2	127	8 25.6
874	9.379 827	31	9.392 685	32	0.607 315	9.987 141	2	126	9 28.8
875	9.379 857	30	9.392 718	33	0.607 282	9.987 139	2	125	
876	9.379 888	31	9.392 751	33	0.607 249	9.987 137	2	124	
877	9.379 919	31	9.392 783	32	0.607 217	9.987 136	1	123	31
878	9.379 949	30	9.392 816	33	0.607 184	9.987 134	2	122	1 3.1
879	9.379 980	31	9.392 848	32	0.607 152	9.987 132	2	121	2 6.2
.880	9.380 011	31	9.392 881	33	0.607 119	9.987 130	2	.120	3 9.3
881	9.380 041	30	9.392 913	32	0.607 087	9.987 128	2	119	4 12.4
882	9.380 072	31	9.392 946	33	0.607 054	9.987 126	2	118	5 15.5
883	9.380 103	31	9.392 978	32	0.607 022	9.987 124	2	117	6 18.6
884	9.380 133	30	9.393 011	33	0.606 989	9.987 122	2	116	7 21.7
885	9.380 164	31	9.393 043	32	0.606 957	9.987 121	1	115	8 24.8
886	9.380 195	31	9.393 076	33	0.606 924	9.987 119	2	114	9 27.9
887	9.380 225	30	9.393 109	33	0.606 891	9.987 117	2	113	
888	9.380 256	31	9.393 141	32	0.606 859	9.987 115	2	112	
889	9.380 287	31	9.393 174	33	0.606 826	9.987 113	2	111	30
.890	9.380 317	30	9.393 206	32	0.606 794	9.987 111	2	.110	1 3.0
891	9.380 348	31	9.393 239	33	0.606 761	9.987 109	2	109	2 6.0
892	9.380 379	31	9.393 271	32	0.606 729	9.987 107	2	108	3 9.0
893	9.380 409	30	9.393 304	33	0.606 696	9.987 106	1	107	4 12.0
894	9.380 440	31	9.393 336	32	0.606 664	9.987 104	2	106	5 15.0
895	9.380 471	31	9.393 369	33	0.606 631	9.987 102	2	105	6 18.0
896	9.380 501	30	9.393 401	32	0.606 599	9.987 100	2	104	7 21.0
897	9.380 532	31	9.393 434	33	0.606 566	9.987 098	2	103	8 24.0
898	9.380 562	30	9.393 466	32	0.606 534	9.987 096	2	102	9 27.0
899	9.380 593	31	9.393 499	33	0.606 501	9.987 094	2	101	
.900	9.380 624	31	9.393 531	32	0.606 469	9.987 092	2	.100	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.150 — 76°.100

13°.900 — 13°.950

13°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.380 624		9.393 531		0.606 469	9.987 092		.100	
901	9.380 654	30	9.393 564	33	0.606 436	9.987 091	1	099	
902	9.380 685	31	9.393 596	32	0.606 404	9.987 089	2	098	
903	9.380 716	31	9.393 629	33	0.606 371	9.987 087	2	097	
904	9.380 746	30	9.393 661	32	0.606 339	9.987 085	2	096	33
905	9.380 777	31	9.393 694	33	0.606 306	9.987 083	2	095	1 3.3
906	9.380 807	30	9.393 726	32	0.606 274	9.987 081	2	094	2 6.6
907	9.380 838	31	9.393 759	33	0.606 241	9.987 079	2	093	3 9.9
908	9.380 869	31	9.393 791	32	0.606 209	9.987 077	2	092	4 13.2
909	9.380 899	30	9.393 824	33	0.606 176	9.987 076	1	091	5 16.5
.910	9.380 930	31	9.393 856	32	0.606 144	9.987 074	2	.090	6 19.8
911	9.380 960	30	9.393 889	33	0.606 111	9.987 072	2	089	7 23.1
912	9.380 991	31	9.393 921	32	0.606 079	9.987 070	2	088	8 26.4
913	9.381 022	31	9.393 954	33	0.606 046	9.987 068	2	087	9 29.7
914	9.381 052	30	9.393 986	32	0.606 014	9.987 066	2	086	
915	9.381 083	31	9.394 019	33	0.605 981	9.987 064	2	085	
916	9.381 113	30	9.394 051	32	0.605 949	9.987 062	2	084	32
917	9.381 144	31	9.394 084	33	0.605 916	9.987 060	2	083	1 3.2
918	9.381 175	31	9.394 116	32	0.605 884	9.987 059	1	082	2 6.4
919	9.381 205	30	9.394 148	32	0.605 852	9.987 057	2	081	3 9.6
.920	9.381 236	31	9.394 181	33	0.605 819	9.987 055	2	.080	4 12.8
921	9.381 266	30	9.394 213	32	0.605 787	9.987 053	2	079	5 16.0
922	9.381 297	31	9.394 246	33	0.605 754	9.987 051	2	078	6 19.2
923	9.381 328	31	9.394 278	32	0.605 722	9.987 049	2	077	7 22.4
924	9.381 358	30	9.394 311	33	0.605 689	9.987 047	2	076	8 25.6
925	9.381 389	31	9.394 343	32	0.605 657	9.987 045	1	075	9 28.8
926	9.381 419	30	9.394 376	33	0.605 624	9.987 044	2	074	
927	9.381 450	31	9.394 408	32	0.605 592	9.987 042	2	073	31
928	9.381 480	30	9.394 441	33	0.605 559	9.987 040	2	072	
929	9.381 511	31	9.394 473	32	0.605 527	9.987 038	2	071	1 3.1
.930	9.381 542	31	9.394 505	32	0.605 495	9.987 036	2	.070	2 6.2
931	9.381 572	30	9.394 538	33	0.605 462	9.987 034	2	069	3 9.3
932	9.381 603	31	9.394 570	32	0.605 430	9.987 032	2	068	4 12.4
933	9.381 633	30	9.394 603	33	0.605 397	9.987 030	2	067	5 15.5
934	9.381 664	31	9.394 635	32	0.605 365	9.987 029	1	066	6 18.6
935	9.381 694	30	9.394 668	33	0.605 332	9.987 027	2	065	7 21.7
936	9.381 725	31	9.394 700	32	0.605 300	9.987 025	2	064	8 24.8
937	9.381 755	30	9.394 733	33	0.605 267	9.987 023	2	063	9 27.9
938	9.381 786	31	9.394 765	32	0.605 235	9.987 021	2	062	
939	9.381 816	30	9.394 797	32	0.605 203	9.987 019	2	061	
.940	9.381 847	31	9.394 830	33	0.605 170	9.987 017	2	.060	30
941	9.381 878	31	9.394 862	32	0.605 138	9.987 015	2	059	1 3.0
942	9.381 908	30	9.394 895	33	0.605 105	9.987 013	2	058	2 6.0
943	9.381 939	31	9.394 927	32	0.605 073	9.987 012	1	057	3 9.0
944	9.381 969	30	9.394 959	32	0.605 041	9.987 010	2	056	4 12.0
945	9.382 000	31	9.394 992	33	0.605 008	9.987 008	2	055	5 15.0
946	9.382 030	30	9.395 024	32	0.604 976	9.987 006	2	054	6 18.0
947	9.382 061	31	9.395 057	33	0.604 943	9.987 004	2	053	7 21.0
948	9.382 091	30	9.395 089	32	0.604 911	9.987 002	2	052	8 24.0
949	9.382 122	31	9.395 121	32	0.604 879	9.987 000	2	051	9 27.0
.950	9.382 152	30	9.395 154	33	0.604 846	9.986 998	2	.050	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

76°.100 — 76°.050

13°.950 — 14°.000

13°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.382 152		9.395 154		0.604 846	9.986 998		.050	
951	9.382 183	31	9.395 186	32	0.604 814	9.986 997	1	049	
952	9.382 213	30	9.395 219	33	0.604 781	9.986 995	2	048	
953	9.382 244	31	9.395 251	32	0.604 749	9.986 993	2	047	
		30		32			2		33
954	9.382 274	31	9.395 283	33	0.604 717	9.986 991	2	046	1 3.3
955	9.382 305	30	9.395 316	32	0.604 684	9.986 989	2	045	2 6.6
956	9.382 335	31	9.395 348	33	0.604 652	9.986 987	2	044	3 9.9
		30		32			2		4 13.2
957	9.382 366	31	9.395 381	33	0.604 619	9.986 985	2	043	5 16.5
958	9.382 396	30	9.395 413	32	0.604 587	9.986 983	2	042	6 19.8
959	9.382 427	31	9.395 445	33	0.604 555	9.986 981	2	041	7 23.1
		30		32			1		8 26.4
.960	9.382 457	31	9.395 478	32	0.604 522	9.986 980	2	.040	9 29.7
961	9.382 488	30	9.395 510	33	0.604 490	9.986 978	2	039	
962	9.382 518	31	9.395 542	32	0.604 458	9.986 976	2	038	
963	9.382 549	30	9.395 575	33	0.604 425	9.986 974	2	037	
		31		32			2		32
964	9.382 579	30	9.395 607	33	0.604 393	9.986 972	2	036	1 3.2
965	9.382 610	31	9.395 640	32	0.604 360	9.986 970	2	035	2 6.4
966	9.382 640	30	9.395 672	33	0.604 328	9.986 968	2	034	3 9.6
		31		32			2		4 12.8
967	9.382 671	30	9.395 704	33	0.604 296	9.986 966	1	033	5 16.0
968	9.382 701	31	9.395 737	32	0.604 263	9.986 965	2	032	6 19.2
969	9.382 732	30	9.395 769	33	0.604 231	9.986 963	2	031	7 22.4
		31		32			2		8 25.6
.970	9.382 762	30	9.395 801	32	0.604 199	9.986 961	2	.030	9 28.8
971	9.382 793	31	9.395 834	33	0.604 166	9.986 959	2	029	
972	9.382 823	30	9.395 866	32	0.604 134	9.986 957	2	028	
973	9.382 854	31	9.395 898	33	0.604 102	9.986 955	2	027	
		30		32			2		
974	9.382 884	30	9.395 931	33	0.604 069	9.986 953	2	026	
975	9.382 914	31	9.395 963	32	0.604 037	9.986 951	2	025	
976	9.382 945	30	9.395 995	33	0.604 005	9.986 949	2	024	
		31		32			1		
977	9.382 975	30	9.396 028	33	0.603 972	9.986 948	2	023	31
978	9.383 006	31	9.396 060	32	0.603 940	9.986 946	2	022	1 3.1
979	9.383 036	30	9.396 092	33	0.603 908	9.986 944	2	021	2 6.2
		31		32			2		3 9.3
.980	9.383 067	30	9.396 125	32	0.603 875	9.986 942	2	.020	4 12.4
981	9.383 097	31	9.396 157	33	0.603 843	9.986 940	2	019	5 15.5
982	9.383 128	30	9.396 189	32	0.603 811	9.986 938	2	018	6 18.6
983	9.383 158	31	9.396 222	33	0.603 778	9.986 936	2	017	7 21.7
		30		32			2		8 24.8
984	9.383 188	31	9.396 254	33	0.603 746	9.986 934	2	016	9 27.9
985	9.383 219	30	9.396 286	32	0.603 714	9.986 932	2	015	
986	9.383 249	31	9.396 319	33	0.603 681	9.986 931	1	014	
		30		32			2		
987	9.383 280	31	9.396 351	33	0.603 649	9.986 929	2	013	
988	9.383 310	30	9.396 383	32	0.603 617	9.986 927	2	012	
989	9.383 341	31	9.396 416	33	0.603 584	9.986 925	2	011	
		30		32			2		30
.990	9.383 371	30	9.396 448	32	0.603 552	9.986 923	2	.010	1 3.0
991	9.383 401	31	9.396 480	33	0.603 520	9.986 921	2	009	2 6.0
992	9.383 432	30	9.396 513	32	0.603 487	9.986 919	2	008	3 9.0
993	9.383 462	31	9.396 545	33	0.603 455	9.986 917	2	007	4 12.0
		30		32			2		5 15.0
994	9.383 493	31	9.396 577	33	0.603 423	9.986 915	2	006	6 18.0
995	9.383 523	30	9.396 610	32	0.603 390	9.986 914	1	005	7 21.0
996	9.383 554	31	9.396 642	33	0.603 358	9.986 912	2	004	8 24.0
		30		32			2		9 27.0
997	9.383 584	31	9.396 674	33	0.603 326	9.986 910	2	003	
998	9.383 614	30	9.396 706	32	0.603 294	9.986 908	2	002	
999	9.383 645	31	9.396 739	33	0.603 261	9.986 906	2	001	
		30		32			2		
*.000	9.383 675	30	9.396 771	32	0.603 229	9.986 904	2	.000	
	cos	d	cotg	d	tang	sin	d	76°	P.P.

14°.000 — 14°.050

14°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.383 675		9.396 771		0.603 229	9.986 904		*.000	
001	9.383 706	31	9.396 803	32	0.603 197	9.986 902	2	999	
002	9.383 736	30	9.396 836	33	0.603 164	9.986 900	2	998	
003	9.383 766	30	9.396 868	32	0.603 132	9.986 898	2	997	
004	9.383 797	31	9.396 900	32	0.603 100	9.986 897	1	996	33
005	9.383 827	30	9.396 932	32	0.603 068	9.986 895	2	995	1 3.3
006	9.383 858	31	9.396 965	33	0.603 035	9.986 893	2	994	2 6.6
007	9.383 888	30	9.396 997	32	0.603 003	9.986 891	2	993	3 9.9
008	9.383 918	30	9.397 029	32	0.602 971	9.986 889	2	992	4 13.2
009	9.383 949	31	9.397 062	33	0.602 938	9.986 887	2	991	5 16.5
.010	9.383 979	30	9.397 094	32	0.602 906	9.986 885	2	.990	6 19.8
011	9.384 009	30	9.397 126	32	0.602 874	9.986 883	2	989	7 23.1
012	9.384 040	31	9.397 158	32	0.602 842	9.986 881	2	988	8 26.4
013	9.384 070	30	9.397 191	33	0.602 809	9.986 880	1	987	9 29.7
014	9.384 101	31	9.397 223	32	0.602 777	9.986 878	2	986	
015	9.384 131	30	9.397 255	32	0.602 745	9.986 876	2	985	
016	9.384 161	30	9.397 287	32	0.602 713	9.986 874	2	984	32
017	9.384 192	31	9.397 320	33	0.602 680	9.986 872	2	983	1 3.2
018	9.384 222	30	9.397 352	32	0.602 648	9.986 870	2	982	2 6.4
019	9.384 252	30	9.397 384	32	0.602 616	9.986 868	2	981	3 9.6
.020	9.384 283	31	9.397 416	32	0.602 584	9.986 866	2	.980	4 12.8
021	9.384 313	30	9.397 449	33	0.602 551	9.986 864	2	979	5 16.0
022	9.384 343	30	9.397 481	32	0.602 519	9.986 863	1	978	6 19.2
023	9.384 374	31	9.397 513	32	0.602 487	9.986 861	2	977	7 22.4
024	9.384 404	30	9.397 545	32	0.602 455	9.986 859	2	976	8 25.6
025	9.384 435	31	9.397 578	33	0.602 422	9.986 857	2	975	9 28.8
026	9.384 465	30	9.397 610	32	0.602 390	9.986 855	2	974	
027	9.384 495	30	9.397 642	32	0.602 358	9.986 853	2	973	
028	9.384 526	31	9.397 674	32	0.602 326	9.986 851	2	972	31
029	9.384 556	30	9.397 707	33	0.602 293	9.986 849	2	971	1 3.1
.030	9.384 586	30	9.397 739	32	0.602 261	9.986 847	2	.970	2 6.2
031	9.384 617	31	9.397 771	32	0.602 229	9.986 845	2	969	3 9.3
032	9.384 647	30	9.397 803	32	0.602 197	9.986 844	1	968	4 12.4
033	9.384 677	30	9.397 836	33	0.602 164	9.986 842	2	967	5 15.5
034	9.384 708	31	9.397 868	32	0.602 132	9.986 840	2	966	6 18.6
035	9.384 738	30	9.397 900	32	0.602 100	9.986 838	2	965	7 21.7
036	9.384 768	30	9.397 932	32	0.602 068	9.986 836	2	964	8 24.8
037	9.384 798	30	9.397 964	32	0.602 036	9.986 834	2	963	9 27.9
038	9.384 829	31	9.397 997	33	0.602 003	9.986 832	2	962	
039	9.384 859	30	9.398 029	32	0.601 971	9.986 830	2	961	
.040	9.384 889	30	9.398 061	32	0.601 939	9.986 828	2	.960	30
041	9.384 920	31	9.398 093	32	0.601 907	9.986 827	1	959	1 3.0
042	9.384 950	30	9.398 125	32	0.601 875	9.986 825	2	958	2 6.0
043	9.384 980	30	9.398 158	33	0.601 842	9.986 823	2	957	3 9.0
044	9.385 011	31	9.398 190	32	0.601 810	9.986 821	2	956	4 12.0
045	9.385 041	30	9.398 222	32	0.601 778	9.986 819	2	955	5 15.0
046	9.385 071	30	9.398 254	32	0.601 746	9.986 817	2	954	6 18.0
047	9.385 102	31	9.398 286	32	0.601 714	9.986 815	2	953	7 21.0
048	9.385 132	30	9.398 319	33	0.601 681	9.986 813	2	952	8 24.0
049	9.385 162	30	9.398 351	32	0.601 649	9.986 811	2	951	9 27.0
.050	9.385 192	30	9.398 383	32	0.601 617	9.986 809	2	.950	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

76°.000 — 75°.950

14°.050 — 14°.100

14°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.385 192		9.398 383		0.601 617	9.986 809		.950	
051	9.385 223	31	9.398 415	32	0.601 585	9.986 808	1	949	
052	9.385 253	30	9.398 447	32	0.601 553	9.986 806	2	948	
053	9.385 283	30	9.398 480	33	0.601 520	9.986 804	2	947	
		31		32			2		33
054	9.385 314	30	9.398 512	32	0.601 488	9.986 802	2	946	
055	9.385 344	30	9.398 544	32	0.601 456	9.986 800	2	945	1 3.3
056	9.385 374	30	9.398 576	32	0.601 424	9.986 798	2	944	2 6.6
		30		32			2		3 9.9
057	9.385 404	31	9.398 608	32	0.601 392	9.986 796	2	943	4 13.2
058	9.385 435	30	9.398 640	33	0.601 360	9.986 794	2	942	5 16.5
059	9.385 465	30	9.398 673	32	0.601 327	9.986 792	2	941	6 19.8
.060	9.385 495	30	9.398 705	32	0.601 295	9.986 790	2	.940	7 23.1
		30		32			1		8 26.4
061	9.385 525	31	9.398 737	32	0.601 263	9.986 789	2	939	9 29.7
062	9.385 556	30	9.398 769	32	0.601 231	9.986 787	2	938	
063	9.385 586	30	9.398 801	32	0.601 199	9.986 785	2	937	
		30		32			2		
064	9.385 616	30	9.398 833	33	0.601 167	9.986 783	2	936	
065	9.385 646	31	9.398 866	32	0.601 134	9.986 781	2	935	
066	9.385 677	30	9.398 898	32	0.601 102	9.986 779	2	934	32
		30		32			2		
067	9.385 707	30	9.398 930	32	0.601 070	9.986 777	2	933	1 3.2
068	9.385 737	30	9.398 962	32	0.601 038	9.986 775	2	932	2 6.4
069	9.385 767	31	9.398 994	32	0.601 006	9.986 773	2	931	3 9.6
.070	9.385 798	30	9.399 026	32	0.600 974	9.986 771	2	.930	4 12.8
		30		32			2		5 16.0
071	9.385 828	30	9.399 058	33	0.600 942	9.986 770	1	929	6 19.2
072	9.385 858	30	9.399 091	32	0.600 909	9.986 768	2	928	7 22.4
073	9.385 888	31	9.399 123	32	0.600 877	9.986 766	2	927	8 25.6
		30		32			2		9 28.8
074	9.385 919	30	9.399 155	32	0.600 845	9.986 764	2	926	
075	9.385 949	30	9.399 187	32	0.600 813	9.986 762	2	925	
076	9.385 979	30	9.399 219	32	0.600 781	9.986 760	2	924	
		30		32			2		
077	9.386 009	31	9.399 251	32	0.600 749	9.986 758	2	923	31
078	9.386 040	30	9.399 283	32	0.600 717	9.986 756	2	922	
079	9.386 070	30	9.399 315	32	0.600 685	9.986 754	2	921	
.080	9.386 100	30	9.399 348	33	0.600 652	9.986 752	2	.920	1 3.1
		30		32			2		2 6.2
081	9.386 130	31	9.399 380	32	0.600 620	9.986 751	1	919	3 9.3
082	9.386 161	30	9.399 412	32	0.600 588	9.986 749	2	918	4 12.4
083	9.386 191	30	9.399 444	32	0.600 556	9.986 747	2	917	5 15.5
		30		32			2		6 18.6
084	9.386 221	30	9.399 476	32	0.600 524	9.986 745	2	916	7 21.7
085	9.386 251	30	9.399 508	32	0.600 492	9.986 743	2	915	8 24.8
086	9.386 281	31	9.399 540	32	0.600 460	9.986 741	2	914	9 27.9
		30		32			2		
087	9.386 312	30	9.399 572	32	0.600 428	9.986 739	2	913	
088	9.386 342	30	9.399 604	33	0.600 396	9.986 737	2	912	
089	9.386 372	30	9.399 637	32	0.600 363	9.986 735	2	911	
.090	9.386 402	30	9.399 669	32	0.600 331	9.986 733	2	.910	30
		30		32			1		1 3.0
091	9.386 432	31	9.399 701	32	0.600 299	9.986 732	2	909	2 6.0
092	9.386 463	30	9.399 733	32	0.600 267	9.986 730	2	908	3 9.0
093	9.386 493	30	9.399 765	32	0.600 235	9.986 728	2	907	4 12.0
		30		32			2		5 15.0
094	9.386 523	30	9.399 797	32	0.600 203	9.986 726	2	906	6 18.0
095	9.386 553	30	9.399 829	32	0.600 171	9.986 724	2	905	7 21.0
096	9.386 583	30	9.399 861	32	0.600 139	9.986 722	2	904	8 24.0
		31		32			2		9 27.0
097	9.386 614	30	9.399 893	32	0.600 107	9.986 720	2	903	
098	9.386 644	30	9.399 925	32	0.600 075	9.986 718	2	902	
099	9.386 674	30	9.399 958	33	0.600 042	9.986 716	2	901	
.100	9.386 704	30	9.399 990	32	0.600 010	9.986 714	2	.900	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.950 — 75°.900

14°.100 — 14°.150

14°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.386 704		9.399 990		0.600 010	9.986 714		.900	
101	9.386 734	30	9.400 022	32	0.599 978	9.986 713	1	899	
102	9.386 764	30	9.400 054	32	0.599 946	9.986 711	2	898	
103	9.386 795	31	9.400 086	32	0.599 914	9.986 709	2	897	
104	9.386 825	30	9.400 118	32	0.599 882	9.986 707	2	896	33
105	9.386 855	30	9.400 150	32	0.599 850	9.986 705	2	895	1 3.3
106	9.386 885	30	9.400 182	32	0.599 818	9.986 703	2	894	2 6.6
107	9.386 915	30	9.400 214	32	0.599 786	9.986 701	2	893	3 9.9
108	9.386 945	30	9.400 246	32	0.599 754	9.986 699	2	892	4 13.2
109	9.386 976	31	9.400 278	32	0.599 722	9.986 697	2	891	5 16.5
.110	9.387 006	30	9.400 310	32	0.599 690	9.986 695	2	.890	6 19.8
111	9.387 036	30	9.400 342	32	0.599 658	9.986 693	2	889	7 23.1
112	9.387 066	30	9.400 374	32	0.599 626	9.986 692	1	888	8 26.4
113	9.387 096	30	9.400 406	32	0.599 594	9.986 690	2	887	9 29.7
114	9.387 126	30	9.400 439	33	0.599 561	9.986 688	2	886	
115	9.387 156	30	9.400 471	32	0.599 529	9.986 686	2	885	
116	9.387 187	31	9.400 503	32	0.599 497	9.986 684	2	884	32
117	9.387 217	30	9.400 535	32	0.599 465	9.986 682	2	883	1 3.2
118	9.387 247	30	9.400 567	32	0.599 433	9.986 680	2	882	2 6.4
119	9.387 277	30	9.400 599	32	0.599 401	9.986 678	2	881	3 9.6
.120	9.387 307	30	9.400 631	32	0.599 369	9.986 676	2	.880	4 12.8
121	9.387 337	30	9.400 663	32	0.599 337	9.986 674	2	879	5 16.0
122	9.387 367	30	9.400 695	32	0.599 305	9.986 673	1	878	6 19.2
123	9.387 398	31	9.400 727	32	0.599 273	9.986 671	2	877	7 22.4
124	9.387 428	30	9.400 759	32	0.599 241	9.986 669	2	876	8 25.6
125	9.387 458	30	9.400 791	32	0.599 209	9.986 667	2	875	9 28.8
126	9.387 488	30	9.400 823	32	0.599 177	9.986 665	2	874	
127	9.387 518	30	9.400 855	32	0.599 145	9.986 663	2	873	31
128	9.387 548	30	9.400 887	32	0.599 113	9.986 661	2	872	1 3.1
129	9.387 578	30	9.400 919	32	0.599 081	9.986 659	2	871	2 6.2
.130	9.387 608	30	9.400 951	32	0.599 049	9.986 657	2	.870	3 9.3
131	9.387 638	30	9.400 983	32	0.599 017	9.986 655	2	869	4 12.4
132	9.387 669	31	9.401 015	32	0.598 985	9.986 653	2	868	5 15.5
133	9.387 699	30	9.401 047	32	0.598 953	9.986 652	1	867	6 18.6
134	9.387 729	30	9.401 079	32	0.598 921	9.986 650	2	866	7 21.7
135	9.387 759	30	9.401 111	32	0.598 889	9.986 648	2	865	8 24.8
136	9.387 789	30	9.401 143	32	0.598 857	9.986 646	2	864	9 27.9
137	9.387 819	30	9.401 175	32	0.598 825	9.986 644	2	863	
138	9.387 849	30	9.401 207	32	0.598 793	9.986 642	2	862	
139	9.387 879	30	9.401 239	32	0.598 761	9.986 640	2	861	30
.140	9.387 909	30	9.401 271	32	0.598 729	9.986 638	2	.860	1 3.0
141	9.387 939	30	9.401 303	32	0.598 697	9.986 636	2	859	2 6.0
142	9.387 970	31	9.401 335	32	0.598 665	9.986 634	2	858	3 9.0
143	9.388 000	30	9.401 367	32	0.598 633	9.986 632	2	857	4 12.0
144	9.388 030	30	9.401 399	32	0.598 601	9.986 631	1	856	5 15.0
145	9.388 060	30	9.401 431	32	0.598 569	9.986 629	2	855	6 18.0
146	9.388 090	30	9.401 463	32	0.598 537	9.986 627	2	854	7 21.0
147	9.388 120	30	9.401 495	32	0.598 505	9.986 625	2	853	8 24.0
148	9.388 150	30	9.401 527	32	0.598 473	9.986 623	2	852	9 27.0
149	9.388 180	30	9.401 559	32	0.598 441	9.986 621	2	851	
.150	9.388 210	30	9.401 591	32	0.598 409	9.986 619	2	.850	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.900 — 75°.850

$14^{\circ}.150 - 14^{\circ}.200$

14°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.388 210		9.401 591		0.598 409	9.986 619		.850	
151	9.388 240	30	9.401 623	32	0.598 377	9.986 617	2	849	
152	9.388 270	30	9.401 655	32	0.598 345	9.986 615	2	848	
153	9.388 300	30	9.401 687	32	0.598 313	9.986 613	2	847	
154	9.388 330	30	9.401 719	32	0.598 281	9.986 611	2	846	
155	9.388 360	30	9.401 751	32	0.598 249	9.986 609	2	845	
156	9.388 390	30	9.401 783	32	0.598 217	9.986 608	1	844	
157	9.388 421	31	9.401 815	32	0.598 185	9.986 606	2	843	32
158	9.388 451	30	9.401 847	32	0.598 153	9.986 604	2	842	1 3.2
159	9.388 481	30	9.401 879	32	0.598 121	9.986 602	2	841	2 6.4
.160	9.388 511	30	9.401 911	32	0.598 089	9.986 600	2	.840	3 9.6
161	9.388 541	30	9.401 943	32	0.598 057	9.986 598	2	839	4 12.8
162	9.388 571	30	9.401 975	32	0.598 025	9.986 596	2	838	5 16.0
163	9.388 601	30	9.402 007	32	0.597 993	9.986 594	2	837	6 19.2
164	9.388 631	30	9.402 039	32	0.597 961	9.986 592	2	836	7 22.4
165	9.388 661	30	9.402 070	31	0.597 930	9.986 590	2	835	8 25.6
166	9.388 691	30	9.402 102	32	0.597 898	9.986 588	2	834	9 28.8
167	9.388 721	30	9.402 134	32	0.597 866	9.986 587	1	833	
168	9.388 751	30	9.402 166	32	0.597 834	9.986 585	2	832	
169	9.388 781	30	9.402 198	32	0.597 802	9.986 583	2	831	
.170	9.388 811	30	9.402 230	32	0.597 770	9.986 581	2	.830	
171	9.388 841	30	9.402 262	32	0.597 738	9.986 579	2	829	31
172	9.388 871	30	9.402 294	32	0.597 706	9.986 577	2	828	
173	9.388 901	30	9.402 326	32	0.597 674	9.986 575	2	827	1 3.1
174	9.388 931	30	9.402 358	32	0.597 642	9.986 573	2	826	2 6.2
175	9.388 961	30	9.402 390	32	0.597 610	9.986 571	2	825	3 9.3
176	9.388 991	30	9.402 422	32	0.597 578	9.986 569	2	824	4 12.4
177	9.389 021	30	9.402 454	32	0.597 546	9.986 567	2	823	5 15.5
178	9.389 051	30	9.402 486	32	0.597 514	9.986 565	2	822	6 18.6
179	9.389 081	30	9.402 517	31	0.597 483	9.986 564	1	821	7 21.7
.180	9.389 111	30	9.402 549	32	0.597 451	9.986 562	2	.820	8 24.8
181	9.389 141	30	9.402 581	32	0.597 419	9.986 560	2	819	9 27.9
182	9.389 171	30	9.402 613	32	0.597 387	9.986 558	2	818	
183	9.389 201	30	9.402 645	32	0.597 355	9.986 556	2	817	
184	9.389 231	30	9.402 677	32	0.597 323	9.986 554	2	816	
185	9.389 261	30	9.402 709	32	0.597 291	9.986 552	2	815	
186	9.389 291	30	9.402 741	32	0.597 259	9.986 550	2	814	30
187	9.389 321	30	9.402 773	32	0.597 227	9.986 548	2	813	1 3.0
188	9.389 351	30	9.402 805	32	0.597 195	9.986 546	2	812	2 6.0
189	9.389 381	30	9.402 837	32	0.597 163	9.986 544	2	811	3 9.0
.190	9.389 411	30	9.402 868	31	0.597 132	9.986 543	1	.810	4 12.0
191	9.389 441	30	9.402 900	32	0.597 100	9.986 541	2	809	5 15.0
192	9.389 471	30	9.402 932	32	0.597 068	9.986 539	2	808	6 18.0
193	9.389 501	30	9.402 964	32	0.597 036	9.986 537	2	807	7 21.0
194	9.389 531	30	9.402 996	32	0.597 004	9.986 535	2	806	8 24.0
195	9.389 561	30	9.403 028	32	0.596 972	9.986 533	2	805	9 27.0
196	9.389 591	30	9.403 060	32	0.596 940	9.986 531	2	804	
197	9.389 621	30	9.403 092	32	0.596 908	9.986 529	2	803	
198	9.389 651	30	9.403 124	32	0.596 876	9.986 527	2	802	
199	9.389 681	30	9.403 155	31	0.596 845	9.986 525	2	801	
.200	9.389 711	30	9.403 187	32	0.596 813	9.986 523	2	.800	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

$75^{\circ}.850 - 75^{\circ}.800$

14°.200 — 14°.250

14°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.389 711		9.403 187		0.596 813	9.986 523		.800	
201	9.389 741	30	9.403 219	32	0.596 781	9.986 521	2	799	
202	9.389 771	30	9.403 251	32	0.596 749	9.986 519	2	798	
203	9.389 800	29	9.403 283	32	0.596 717	9.986 518	1	797	
204	9.389 830	30	9.403 315	32	0.596 685	9.986 516	2	796	32
205	9.389 860	30	9.403 347	32	0.596 653	9.986 514	2	795	1 3.2
206	9.389 890	30	9.403 378	31	0.596 622	9.986 512	2	794	2 6.4
207	9.389 920	30	9.403 410	32	0.596 590	9.986 510	2	793	3 9.6
208	9.389 950	30	9.403 442	32	0.596 558	9.986 508	2	792	4 12.8
209	9.389 980	30	9.403 474	32	0.596 526	9.986 506	2	791	5 16.0
.210	9.390 010	30	9.403 506	32	0.596 494	9.986 504	2	.790	6 19.2
211	9.390 040	30	9.403 538	32	0.596 462	9.986 502	2	789	7 22.4
212	9.390 070	30	9.403 570	32	0.596 430	9.986 500	2	788	8 25.6
213	9.390 100	30	9.403 601	31	0.596 399	9.986 498	2	787	9 28.8
214	9.390 130	30	9.403 633	32	0.596 367	9.986 496	2	786	
215	9.390 160	30	9.403 665	32	0.596 335	9.986 495	1	785	31
216	9.390 190	30	9.403 697	32	0.596 303	9.986 493	2	784	
217	9.390 220	30	9.403 729	32	0.596 271	9.986 491	2	783	1 3.1
218	9.390 249	29	9.403 761	32	0.596 239	9.986 489	2	782	2 6.2
219	9.390 279	30	9.403 793	32	0.596 207	9.986 487	2	781	3 9.3
.220	9.390 309	30	9.403 824	31	0.596 176	9.986 485	2	.780	4 12.4
221	9.390 339	30	9.403 856	32	0.596 144	9.986 483	2	779	5 15.5
222	9.390 369	30	9.403 888	32	0.596 112	9.986 481	2	778	6 18.6
223	9.390 399	30	9.403 920	32	0.596 080	9.986 479	2	777	7 21.7
224	9.390 429	30	9.403 952	32	0.596 048	9.986 477	2	776	8 24.8
225	9.390 459	30	9.403 983	31	0.596 017	9.986 475	2	775	9 27.9
226	9.390 489	30	9.404 015	32	0.595 985	9.986 473	2	774	
227	9.390 519	30	9.404 047	32	0.595 953	9.986 471	2	773	30
228	9.390 549	30	9.404 079	32	0.595 921	9.986 470	1	772	
229	9.390 578	29	9.404 111	32	0.595 889	9.986 468	2	771	1 3.0
.230	9.390 608	30	9.404 143	32	0.595 857	9.986 466	2	.770	2 6.0
231	9.390 638	30	9.404 174	31	0.595 826	9.986 464	2	769	3 9.0
232	9.390 668	30	9.404 206	32	0.595 794	9.986 462	2	768	4 12.0
233	9.390 698	30	9.404 238	32	0.595 762	9.986 460	2	767	5 15.0
234	9.390 728	30	9.404 270	32	0.595 730	9.986 458	2	766	6 18.0
235	9.390 758	30	9.404 302	32	0.595 698	9.986 456	2	765	7 21.0
236	9.390 788	30	9.404 333	31	0.595 667	9.986 454	2	764	8 24.0
237	9.390 817	29	9.404 365	32	0.595 635	9.986 452	2	763	9 27.0
238	9.390 847	30	9.404 397	32	0.595 603	9.986 450	2	762	
239	9.390 877	30	9.404 429	32	0.595 571	9.986 448	2	761	29
.240	9.390 907	30	9.404 461	32	0.595 539	9.986 446	2	.760	
241	9.390 937	30	9.404 492	31	0.595 508	9.986 445	1	759	1 2.9
242	9.390 967	30	9.404 524	32	0.595 476	9.986 443	2	758	2 5.8
243	9.390 997	30	9.404 556	32	0.595 444	9.986 441	2	757	3 8.7
244	9.391 027	30	9.404 588	32	0.595 412	9.986 439	2	756	4 11.6
245	9.391 056	29	9.404 620	32	0.595 380	9.986 437	2	755	5 14.5
246	9.391 086	30	9.404 651	31	0.595 349	9.986 435	2	754	6 17.4
247	9.391 116	30	9.404 683	32	0.595 317	9.986 433	2	753	7 20.3
248	9.391 146	30	9.404 715	32	0.595 285	9.986 431	2	752	8 23.2
249	9.391 176	30	9.404 747	32	0.595 253	9.986 429	2	751	9 26.1
.250	9.391 206	30	9.404 778	31	0.595 222	9.986 427	2	.750	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.800 — 75°.750

14°.250 — 14°.300

14°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.391 206		9.404 778		0.595 222	9.986 427		.750	
251	9.391 235	29	9.404 810	32	0.595 190	9.986 425	2	749	
252	9.391 265	30	9.404 842	32	0.595 158	9.986 423	2	748	
253	9.391 295	30	9.404 874	32	0.595 126	9.986 421	2	747	
254	9.391 325	30	9.404 905	31	0.595 095	9.986 420	1	746	32
255	9.391 355	30	9.404 937	32	0.595 063	9.986 418	2	745	1 3.2
256	9.391 385	30	9.404 969	32	0.595 031	9.986 416	2	744	2 6.4
257	9.391 415	30	9.405 001	32	0.594 999	9.986 414	2	743	3 9.6
258	9.391 444	29	9.405 032	31	0.594 968	9.986 412	2	742	4 12.8
259	9.391 474	30	9.405 064	32	0.594 936	9.986 410	2	741	5 16.0
.260	9.391 504	30	9.405 096	32	0.594 904	9.986 408	2	.740	6 19.2
261	9.391 534	30	9.405 128	32	0.594 872	9.986 406	2	739	7 22.4
262	9.391 564	30	9.405 159	31	0.594 841	9.986 404	2	738	8 25.6
263	9.391 593	29	9.405 191	32	0.594 809	9.986 402	2	737	9 28.8
264	9.391 623	30	9.405 223	32	0.594 777	9.986 400	2	736	
265	9.391 653	30	9.405 255	32	0.594 745	9.986 398	2	735	
266	9.391 683	30	9.405 286	31	0.594 714	9.986 396	2	734	31
267	9.391 713	30	9.405 318	32	0.594 682	9.986 395	1	733	1 3.1
268	9.391 743	30	9.405 350	32	0.594 650	9.986 393	2	732	2 6.2
269	9.391 772	29	9.405 382	32	0.594 618	9.986 391	2	731	3 9.3
.270	9.391 802	30	9.405 413	31	0.594 587	9.986 389	2	.730	4 12.4
271	9.391 832	30	9.405 445	32	0.594 555	9.986 387	2	729	5 15.5
272	9.391 862	30	9.405 477	32	0.594 523	9.986 385	2	728	6 18.6
273	9.391 892	30	9.405 509	32	0.594 491	9.986 383	2	727	7 21.7
274	9.391 921	29	9.405 540	31	0.594 460	9.986 381	2	726	8 24.8
275	9.391 951	30	9.405 572	32	0.594 428	9.986 379	2	725	9 27.9
276	9.391 981	30	9.405 604	32	0.594 396	9.986 377	2	724	
277	9.392 011	30	9.405 635	31	0.594 365	9.986 375	2	723	
278	9.392 040	29	9.405 667	32	0.594 333	9.986 373	2	722	30
279	9.392 070	30	9.405 699	32	0.594 301	9.986 371	2	721	1 3.0
.280	9.392 100	30	9.405 731	32	0.594 269	9.986 369	2	.720	2 6.0
281	9.392 130	30	9.405 762	31	0.594 238	9.986 368	1	719	3 9.0
282	9.392 160	30	9.405 794	32	0.594 206	9.986 366	2	718	4 12.0
283	9.392 189	29	9.405 826	32	0.594 174	9.986 364	2	717	5 15.0
284	9.392 219	30	9.405 857	31	0.594 143	9.986 362	2	716	6 18.0
285	9.392 249	30	9.405 889	32	0.594 111	9.986 360	2	715	7 21.0
286	9.392 279	30	9.405 921	32	0.594 079	9.986 358	2	714	8 24.0
287	9.392 308	29	9.405 953	32	0.594 047	9.986 356	2	713	9 27.0
288	9.392 338	30	9.405 984	31	0.594 016	9.986 354	2	712	
289	9.392 368	30	9.406 016	32	0.593 984	9.986 352	2	711	
.290	9.392 398	30	9.406 048	32	0.593 952	9.986 350	2	.710	29
291	9.392 427	29	9.406 079	31	0.593 921	9.986 348	2	709	1 2.9
292	9.392 457	30	9.406 111	32	0.593 889	9.986 346	2	708	2 5.8
293	9.392 487	30	9.406 143	32	0.593 857	9.986 344	2	707	3 8.7
294	9.392 517	30	9.406 174	31	0.593 826	9.986 342	2	706	4 11.6
295	9.392 547	30	9.406 206	32	0.593 794	9.986 340	2	705	5 14.5
296	9.392 576	29	9.406 238	32	0.593 762	9.986 339	1	704	6 17.4
297	9.392 606	30	9.406 269	31	0.593 731	9.986 337	2	703	7 20.3
298	9.392 636	30	9.406 301	32	0.593 699	9.986 335	2	702	8 23.2
299	9.392 665	29	9.406 333	32	0.593 667	9.986 333	2	701	9 26.1
.300	9.392 695	30	9.406 364	31	0.593 636	9.986 331	2	.700	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.750 — 75°.700

14°.300 — 14°.350

14°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.392 695		9.406 364		0.593 636	9.986 331		.700	
301	9.392 725	30	9.406 396	32	0.593 604	9.986 329	2	699	
302	9.392 755	30	9.406 428	32	0.593 572	9.986 327	2	698	
303	9.392 784	29	9.406 459	31	0.593 541	9.986 325	2	697	
304	9.392 814	30	9.406 491	32	0.593 509	9.986 323	2	696	32
305	9.392 844	30	9.406 523	32	0.593 477	9.986 321	2	695	1 3.2
306	9.392 874	30	9.406 554	31	0.593 446	9.986 319	2	694	2 6.4
307	9.392 903	29	9.406 586	32	0.593 414	9.986 317	2	693	3 9.6
308	9.392 933	30	9.406 618	32	0.593 382	9.986 315	2	692	4 12.8
309	9.392 963	30	9.406 649	31	0.593 351	9.986 313	2	691	5 16.0
.310	9.392 992	29	9.406 681	32	0.593 319	9.986 311	2	.690	6 19.2
311	9.393 022	30	9.406 713	32	0.593 287	9.986 310	1	689	7 22.4
312	9.393 052	30	9.406 744	31	0.593 256	9.986 308	2	688	8 25.6
313	9.393 082	30	9.406 776	32	0.593 224	9.986 306	2	687	9 28.8
314	9.393 111	29	9.406 808	32	0.593 192	9.986 304	2	686	
315	9.393 141	30	9.406 839	31	0.593 161	9.986 302	2	685	
316	9.393 171	30	9.406 871	32	0.593 129	9.986 300	2	684	31
317	9.393 200	29	9.406 902	31	0.593 098	9.986 298	2	683	1 3.1
318	9.393 230	30	9.406 934	32	0.593 066	9.986 296	2	682	2 6.2
319	9.393 260	30	9.406 966	32	0.593 034	9.986 294	2	681	3 9.3
.320	9.393 290	30	9.406 997	31	0.593 003	9.986 292	2	.680	4 12.4
321	9.393 319	29	9.407 029	32	0.592 971	9.986 290	2	679	5 15.5
322	9.393 349	30	9.407 061	32	0.592 939	9.986 288	2	678	6 18.6
323	9.393 379	30	9.407 092	31	0.592 908	9.986 286	2	677	7 21.7
324	9.393 408	29	9.407 124	32	0.592 876	9.986 284	2	676	8 24.8
325	9.393 438	30	9.407 155	31	0.592 845	9.986 282	2	675	9 27.9
326	9.393 468	30	9.407 187	32	0.592 813	9.986 281	1	674	
327	9.393 497	29	9.407 219	32	0.592 781	9.986 279	2	673	
328	9.393 527	30	9.407 250	31	0.592 750	9.986 277	2	672	30
329	9.393 557	30	9.407 282	32	0.592 718	9.986 275	2	671	1 3.0
.330	9.393 586	29	9.407 314	32	0.592 686	9.986 273	2	.670	2 6.0
331	9.393 616	30	9.407 345	31	0.592 655	9.986 271	2	669	3 9.0
332	9.393 646	30	9.407 377	32	0.592 623	9.986 269	2	668	4 12.0
333	9.393 675	29	9.407 408	31	0.592 592	9.986 267	2	667	5 15.0
334	9.393 705	30	9.407 440	32	0.592 560	9.986 265	2	666	6 18.0
335	9.393 735	30	9.407 472	32	0.592 528	9.986 263	2	665	7 21.0
336	9.393 764	29	9.407 503	31	0.592 497	9.986 261	2	664	8 24.0
337	9.393 794	30	9.407 535	32	0.592 465	9.986 259	2	663	9 27.0
338	9.393 824	30	9.407 566	31	0.592 434	9.986 257	2	662	
339	9.393 853	29	9.407 598	32	0.592 402	9.986 255	2	661	
.340	9.393 883	30	9.407 630	32	0.592 370	9.986 253	2	.660	29
341	9.393 913	30	9.407 661	31	0.592 339	9.986 251	2	659	1 2.9
342	9.393 942	29	9.407 693	32	0.592 307	9.986 250	1	658	2 5.8
343	9.393 972	30	9.407 724	31	0.592 276	9.986 248	2	657	3 8.7
344	9.394 002	30	9.407 756	32	0.592 244	9.986 246	2	656	4 11.6
345	9.394 031	29	9.407 787	31	0.592 213	9.986 244	2	655	5 14.5
346	9.394 061	30	9.407 819	32	0.592 181	9.986 242	2	654	6 17.4
347	9.394 090	29	9.407 851	32	0.592 149	9.986 240	2	653	7 20.3
348	9.394 120	30	9.407 882	31	0.592 118	9.986 238	2	652	8 23.2
349	9.394 150	30	9.407 914	32	0.592 086	9.986 236	2	651	9 26.1
.350	9.394 179	29	9.407 945	31	0.592 055	9.986 234	2	.650	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.700 — 75°.650

14°.350 — 14°.400

14°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.394 179		9.407 945		0.592 055	9.986 234		.650	
351	9.394 209	30	9.407 977	32	0.592 023	9.986 232	2	649	
352	9.394 239	30	9.408 008	31	0.591 992	9.986 230	2	648	
353	9.394 268	29	9.408 040	32	0.591 960	9.986 228	2	647	
		30		32			2		32
354	9.394 298	30	9.408 072	32	0.591 928	9.986 226	2	646	
355	9.394 327	29	9.408 103	31	0.591 897	9.986 224	2	645	1 3.2
356	9.394 357	30	9.408 135	32	0.591 865	9.986 222	2	644	2 6.4
		30		31			2		3 9.6
357	9.394 387	30	9.408 166	31	0.591 834	9.986 220	2	643	4 12.8
358	9.394 416	29	9.408 198	32	0.591 802	9.986 219	1	642	5 16.0
359	9.394 446	30	9.408 229	31	0.591 771	9.986 217	2	641	6 19.2
		30		32			2		7 22.4
.360	9.394 476	29	9.408 261	31	0.591 739	9.986 215	2	.640	8 25.6
		30		32			2		9 28.8
361	9.394 505	30	9.408 292	32	0.591 708	9.986 213	2	639	
362	9.394 535	29	9.408 324	32	0.591 676	9.986 211	2	638	
363	9.394 564	29	9.408 356	32	0.591 644	9.986 209	2	637	
		30		31			2		
364	9.394 594	30	9.408 387	32	0.591 613	9.986 207	2	636	
365	9.394 624	30	9.408 419	32	0.591 581	9.986 205	2	635	
366	9.394 653	29	9.408 450	31	0.591 550	9.986 203	2	634	31
		30		32			2		1 3.1
367	9.394 683	29	9.408 482	31	0.591 518	9.986 201	2	633	2 6.2
368	9.394 712	30	9.408 513	32	0.591 487	9.986 199	2	632	3 9.3
369	9.394 742	30	9.408 545	32	0.591 455	9.986 197	2	631	4 12.4
		30		31			2		5 15.5
.370	9.394 772	29	9.408 576	32	0.591 424	9.986 195	2	.630	6 18.6
		30		31			2		7 21.7
371	9.394 801	30	9.408 608	31	0.591 392	9.986 193	2	629	8 24.8
372	9.394 831	29	9.408 639	32	0.591 361	9.986 191	2	628	9 27.9
373	9.394 860	29	9.408 671	32	0.591 329	9.986 189	2	627	
		30		31			2		
374	9.394 890	29	9.408 702	32	0.591 298	9.986 187	1	626	
375	9.394 919	30	9.408 734	31	0.591 266	9.986 186	2	625	
376	9.394 949	30	9.408 765	31	0.591 235	9.986 184	2	624	
		30		32			2		
377	9.394 979	29	9.408 797	31	0.591 203	9.986 182	2	623	30
378	9.395 008	30	9.408 828	32	0.591 172	9.986 180	2	622	1 3.0
379	9.395 038	30	9.408 860	32	0.591 140	9.986 178	2	621	2 6.0
		29		31			2		3 9.0
.380	9.395 067	30	9.408 891	32	0.591 109	9.986 176	2	.620	4 12.0
		30		31			2		5 15.0
381	9.395 097	29	9.408 923	31	0.591 077	9.986 174	2	619	6 18.0
382	9.395 126	30	9.408 954	32	0.591 046	9.986 172	2	618	7 21.0
383	9.395 156	30	9.408 986	31	0.591 014	9.986 170	2	617	8 24.0
		30		32			2		9 27.0
384	9.395 186	29	9.409 017	32	0.590 983	9.986 168	2	616	
385	9.395 215	30	9.409 049	31	0.590 951	9.986 166	2	615	
386	9.395 245	30	9.409 080	31	0.590 920	9.986 164	2	614	
		29		32			2		
387	9.395 274	30	9.409 112	31	0.590 888	9.986 162	2	613	
388	9.395 304	29	9.409 143	32	0.590 857	9.986 160	2	612	
389	9.395 333	30	9.409 175	32	0.590 825	9.986 158	2	611	
		30		31			2		29
.390	9.395 363	29	9.409 206	32	0.590 794	9.986 156	2	.610	1 2.9
		30		31			2		2 5.8
391	9.395 392	30	9.409 238	31	0.590 762	9.986 154	2	609	3 8.7
392	9.395 422	29	9.409 269	32	0.590 731	9.986 152	2	608	4 11.6
393	9.395 451	29	9.409 301	32	0.590 699	9.986 151	1	607	5 14.5
		30		31			2		6 17.4
394	9.395 481	29	9.409 332	32	0.590 668	9.986 149	2	606	7 20.3
395	9.395 510	30	9.409 364	31	0.590 636	9.986 147	2	605	8 23.2
396	9.395 540	30	9.409 395	31	0.590 605	9.986 145	2	604	9 26.1
		30		32			2		
397	9.395 570	29	9.409 427	32	0.590 573	9.986 143	2	603	
398	9.395 599	29	9.409 458	31	0.590 542	9.986 141	2	602	
399	9.395 629	30	9.409 490	32	0.590 510	9.986 139	2	601	
		29		31			2		
.400	9.395 658		9.409 521		0.590 479	9.986 137		.600	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.650 — 75°.600

14°.400 — 14°.450

14°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.395 658		9.409 521		0.590 479	9.986 137		.600	
401	9.395 688	30	9.409 553	32	0.590 447	9.986 135	2	599	
402	9.395 717	29	9.409 584	31	0.590 416	9.986 133	2	598	
403	9.395 747	30	9.409 616	32	0.590 384	9.986 131	2	597	
		29		31			2		32
404	9.395 776		9.409 647		0.590 353	9.986 129	2	596	
405	9.395 806	30	9.409 679	32	0.590 321	9.986 127	2	595	1 3.2
406	9.395 835	29	9.409 710	31	0.590 290	9.986 125	2	594	2 6.4
		30		31			2		3 9.6
407	9.395 865		9.409 741		0.590 259	9.986 123	2	593	4 12.8
408	9.395 894	29	9.409 773	32	0.590 227	9.986 121	2	592	5 16.0
409	9.395 924	30	9.409 804	31	0.590 196	9.986 119	2	591	6 19.2
		29		32			2		7 22.4
.410	9.395 953		9.409 836		0.590 164	9.986 117	2	.590	8 25.6
		30		31			2		9 28.8
411	9.395 983		9.409 867		0.590 133	9.986 115	2	589	
412	9.396 012	29	9.409 899	32	0.590 101	9.986 114	1	588	
413	9.396 042	30	9.409 930	31	0.590 070	9.986 112	2	587	
		29		32			2		
414	9.396 071		9.409 962		0.590 038	9.986 110	2	586	
415	9.396 101	30	9.409 993	31	0.590 007	9.986 108	2	585	
416	9.396 130	29	9.410 024	31	0.589 976	9.986 106	2	584	31
		30		32			2		1 3.1
417	9.396 160		9.410 056		0.589 944	9.986 104	2	583	2 6.2
418	9.396 189	29	9.410 087	31	0.589 913	9.986 102	2	582	3 9.3
419	9.396 219	30	9.410 119	32	0.589 881	9.986 100	2	581	4 12.4
		29		31			2		5 15.5
.420	9.396 248		9.410 150		0.589 850	9.986 098	2	.580	6 18.6
		30		32			2		7 21.7
421	9.396 278		9.410 182		0.589 818	9.986 096	2	579	8 24.8
422	9.396 307	29	9.410 213	31	0.589 787	9.986 094	2	578	9 27.9
423	9.396 337	30	9.410 244	31	0.589 756	9.986 092	2	577	
		29		32			2		
424	9.396 366		9.410 276		0.589 724	9.986 090	2	576	
425	9.396 395	29	9.410 307	31	0.589 693	9.986 088	2	575	
426	9.396 425	30	9.410 339	32	0.589 661	9.986 086	2	574	
		29		31			2		
427	9.396 454		9.410 370		0.589 630	9.986 084	2	573	30
428	9.396 484	30	9.410 402	32	0.589 598	9.986 082	2	572	1 3.0
429	9.396 513	29	9.410 433	31	0.589 567	9.986 080	2	571	2 6.0
		30		31			2		3 9.0
.430	9.396 543		9.410 464		0.589 536	9.986 078	2	.570	4 12.0
		29		32			1		5 15.0
431	9.396 572		9.410 496		0.589 504	9.986 077	2	569	6 18.0
432	9.396 602	30	9.410 527	31	0.589 473	9.986 075	2	568	7 21.0
433	9.396 631	29	9.410 559	32	0.589 441	9.986 073	2	567	8 24.0
		30		31			2		9 27.0
434	9.396 661		9.410 590		0.589 410	9.986 071	2	566	
435	9.396 690	29	9.410 621	31	0.589 379	9.986 069	2	565	
436	9.396 720	30	9.410 653	32	0.589 347	9.986 067	2	564	
		29		31			2		
437	9.396 749		9.410 684		0.589 316	9.986 065	2	563	
438	9.396 778	29	9.410 716	32	0.589 284	9.986 063	2	562	
439	9.396 808	30	9.410 747	31	0.589 253	9.986 061	2	561	
		29		31			2		29
.440	9.396 837		9.410 778		0.589 222	9.986 059	2	.560	1 2.9
		30		32			2		2 5.8
441	9.396 867		9.410 810		0.589 190	9.986 057	2	559	3 8.7
442	9.396 896	29	9.410 841	31	0.589 159	9.986 055	2	558	4 11.6
443	9.396 926	30	9.410 872	31	0.589 128	9.986 053	2	557	5 14.5
		29		32			2		6 17.4
444	9.396 955		9.410 904		0.589 096	9.986 051	2	556	7 20.3
445	9.396 984	29	9.410 935	31	0.589 065	9.986 049	2	555	8 23.2
446	9.397 014	30	9.410 967	32	0.589 033	9.986 047	2	554	9 26.1
		29		31			2		
447	9.397 043		9.410 998		0.589 002	9.986 045	2	553	
448	9.397 073	30	9.411 029	31	0.588 971	9.986 043	2	552	
449	9.397 102	29	9.411 061	32	0.588 939	9.986 041	2	551	
		30		31			2		
.450	9.397 132		9.411 092		0.588 908	9.986 039	2	.550	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.600 — 75°.550

14°.450 — 14°.500

14°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.397 132		9.411 092		0.588 908	9.986 039		.550	
451	9.397 161	29	9.411 123	31	0.588 877	9.986 037	2	549	
452	9.397 190	29	9.411 155	32	0.588 845	9.986 036	1	548	
453	9.397 220	30	9.411 186	31	0.588 814	9.986 034	2	547	
		29		32			2		32
454	9.397 249	29	9.411 218	32	0.588 782	9.986 032	2	546	
455	9.397 279	30	9.411 249	31	0.588 751	9.986 030	2	545	1 3.2
456	9.397 308	29	9.411 280	31	0.588 720	9.986 028	2	544	2 6.4
		29		32			2		3 9.6
457	9.397 337	29	9.411 312	32	0.588 688	9.986 026	2	543	4 12.8
458	9.397 367	30	9.411 343	31	0.588 657	9.986 024	2	542	5 16.0
459	9.397 396	29	9.411 374	31	0.588 626	9.986 022	2	541	6 19.2
		30		32			2		7 22.4
.460	9.397 426	29	9.411 406	31	0.588 594	9.986 020	2	.540	8 25.6
		29		31			2		9 28.8
461	9.397 455	29	9.411 437	31	0.588 563	9.986 018	2	539	
462	9.397 484	29	9.411 468	31	0.588 532	9.986 016	2	538	
463	9.397 514	30	9.411 500	32	0.588 500	9.986 014	2	537	
		29		31			2		
464	9.397 543	29	9.411 531	31	0.588 469	9.986 012	2	536	
465	9.397 573	30	9.411 562	31	0.588 438	9.986 010	2	535	
466	9.397 602	29	9.411 594	32	0.588 406	9.986 008	2	534	31
		29		31			2		1 3.1
467	9.397 631	29	9.411 625	31	0.588 375	9.986 006	2	533	2 6.2
468	9.397 661	30	9.411 656	31	0.588 344	9.986 004	2	532	3 9.3
469	9.397 690	29	9.411 688	32	0.588 312	9.986 002	2	531	4 12.4
		29		31			2		5 15.5
.470	9.397 719	30	9.411 719	31	0.588 281	9.986 000	2	.530	6 18.6
		30		31			2		7 21.7
471	9.397 749	29	9.411 750	32	0.588 250	9.985 998	2	529	8 24.8
472	9.397 778	29	9.411 782	32	0.588 218	9.985 996	2	528	9 27.9
473	9.397 808	30	9.411 813	31	0.588 187	9.985 994	2	527	
		29		31			1		
474	9.397 837	29	9.411 844	31	0.588 156	9.985 993	2	526	
475	9.397 866	29	9.411 876	32	0.588 124	9.985 991	2	525	
476	9.397 896	30	9.411 907	31	0.588 093	9.985 989	2	524	
		29		31			2		
477	9.397 925	29	9.411 938	31	0.588 062	9.985 987	2	523	30
478	9.397 954	29	9.411 970	32	0.588 030	9.985 985	2	522	1 3.0
479	9.397 984	30	9.412 001	31	0.587 999	9.985 983	2	521	2 6.0
		29		31			2		3 9.0
.480	9.398 013	29	9.412 032	31	0.587 968	9.985 981	2	.520	4 12.0
		29		32			2		5 15.0
481	9.398 042	30	9.412 064	31	0.587 936	9.985 979	2	519	6 18.0
482	9.398 072	29	9.412 095	31	0.587 905	9.985 977	2	518	7 21.0
483	9.398 101	29	9.412 126	31	0.587 874	9.985 975	2	517	8 24.0
		29		31			2		9 27.0
484	9.398 130	30	9.412 157	32	0.587 843	9.985 973	2	516	
485	9.398 160	30	9.412 189	32	0.587 811	9.985 971	2	515	
486	9.398 189	29	9.412 220	31	0.587 780	9.985 969	2	514	
		29		31			2		
487	9.398 218	29	9.412 251	31	0.587 749	9.985 967	2	513	
488	9.398 248	30	9.412 283	32	0.587 717	9.985 965	2	512	
489	9.398 277	29	9.412 314	31	0.587 686	9.985 963	2	511	
		29		31			2		29
.490	9.398 306	30	9.412 345	32	0.587 655	9.985 961	2	.510	1 2.9
		30		32			2		2 5.8
491	9.398 336	29	9.412 377	31	0.587 623	9.985 959	2	509	3 8.7
492	9.398 365	29	9.412 408	31	0.587 592	9.985 957	2	508	4 11.6
493	9.398 394	29	9.412 439	31	0.587 561	9.985 955	2	507	5 14.5
		30		31			2		6 17.4
494	9.398 424	29	9.412 470	32	0.587 530	9.985 953	2	506	7 20.3
495	9.398 453	29	9.412 502	32	0.587 498	9.985 951	2	505	8 23.2
496	9.398 482	29	9.412 533	31	0.587 467	9.985 949	2	504	9 26.1
		30		31			2		
497	9.398 512	29	9.412 564	31	0.587 436	9.985 947	2	503	
498	9.398 541	29	9.412 596	32	0.587 404	9.985 946	1	502	
499	9.398 570	29	9.412 627	31	0.587 373	9.985 944	2	501	
		30		31			2		
.500	9.398 600	30	9.412 658	31	0.587 342	9.985 942	2	.500	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.550 — 75°.500

14°.500 — 14°.550

14°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.398 600		9.412 658		0.587 342	9.985 942		.500	
501	9.398 629	29	9.412 689	31	0.587 311	9.985 940	2	499	
502	9.398 658	29	9.412 721	32	0.587 279	9.985 938	2	498	
503	9.398 688	30	9.412 752	31	0.587 248	9.985 936	2	497	
		29		31			2		32
504	9.398 717	29	9.412 783	31	0.587 217	9.985 934	2	496	
505	9.398 746	29	9.412 814	31	0.587 186	9.985 932	2	495	1 3.2
506	9.398 775	29	9.412 846	32	0.587 154	9.985 930	2	494	2 6.4
		30		31			2		3 9.6
507	9.398 805	30	9.412 877	31	0.587 123	9.985 928	2	493	4 12.8
508	9.398 834	29	9.412 908	31	0.587 092	9.985 926	2	492	5 16.0
509	9.398 863	29	9.412 939	31	0.587 061	9.985 924	2	491	6 19.2
		30		32			2		7 22.4
.510	9.398 893	29	9.412 971	31	0.587 029	9.985 922	2	.490	8 25.6
		29		31			2		9 28.8
511	9.398 922	29	9.413 002	31	0.586 998	9.985 920	2	489	
512	9.398 951	29	9.413 033	31	0.586 967	9.985 918	2	488	
513	9.398 980	29	9.413 064	31	0.586 936	9.985 916	2	487	
		30		32			2		31
514	9.399 010	29	9.413 096	31	0.586 904	9.985 914	2	486	
515	9.399 039	29	9.413 127	31	0.586 873	9.985 912	2	485	
516	9.399 068	29	9.413 158	31	0.586 842	9.985 910	2	484	
		30		31			2		1 3.1
517	9.399 098	29	9.413 189	32	0.586 811	9.985 908	2	483	2 6.2
518	9.399 127	29	9.413 221	31	0.586 779	9.985 906	2	482	3 9.3
519	9.399 156	29	9.413 252	31	0.586 748	9.985 904	2	481	4 12.4
		29		31			2		5 15.5
.520	9.399 185	30	9.413 283	31	0.586 717	9.985 902	2	.480	6 18.6
		29		32			2		7 21.7
521	9.399 215	29	9.413 314	31	0.586 686	9.985 900	2	479	8 24.8
522	9.399 244	29	9.413 346	31	0.586 654	9.985 898	2	478	9 27.9
523	9.399 273	29	9.413 377	31	0.586 623	9.985 896	2	477	
		29		31			1		
524	9.399 302	30	9.413 408	31	0.586 592	9.985 895	2	476	
525	9.399 332	29	9.413 439	31	0.586 561	9.985 893	2	475	
526	9.399 361	29	9.413 470	31	0.586 530	9.985 891	2	474	
		29		32			2		
527	9.399 390	29	9.413 502	31	0.586 498	9.985 889	2	473	30
528	9.399 419	29	9.413 533	31	0.586 467	9.985 887	2	472	
529	9.399 449	30	9.413 564	31	0.586 436	9.985 885	2	471	
		29		31			2		1 3.0
.530	9.399 478	29	9.413 595	31	0.586 405	9.985 883	2	.470	2 6.0
		29		31			2		3 9.0
531	9.399 507	29	9.413 626	32	0.586 374	9.985 881	2	469	4 12.0
532	9.399 536	30	9.413 658	31	0.586 342	9.985 879	2	468	5 15.0
533	9.399 566	29	9.413 689	31	0.586 311	9.985 877	2	467	6 18.0
		29		31			2		7 21.0
534	9.399 595	29	9.413 720	31	0.586 280	9.985 875	2	466	8 24.0
535	9.399 624	29	9.413 751	31	0.586 249	9.985 873	2	465	9 27.0
536	9.399 653	30	9.413 782	32	0.586 218	9.985 871	2	464	
		29		31			2		
537	9.399 683	29	9.413 814	31	0.586 186	9.985 869	2	463	
538	9.399 712	29	9.413 845	31	0.586 155	9.985 867	2	462	
539	9.399 741	29	9.413 876	31	0.586 124	9.985 865	2	461	
		29		31			2		29
.540	9.399 770	30	9.413 907	31	0.586 093	9.985 863	2	.460	1 2.9
		29		32			2		2 5.8
541	9.399 800	29	9.413 938	31	0.586 062	9.985 861	2	459	3 8.7
542	9.399 829	29	9.413 970	31	0.585 999	9.985 859	2	458	4 11.6
543	9.399 858	29	9.414 001	31	0.585 968	9.985 857	2	457	5 14.5
		29		31			2		6 17.4
544	9.399 887	29	9.414 032	31	0.585 937	9.985 855	2	456	7 20.3
545	9.399 916	30	9.414 063	31	0.585 906	9.985 853	2	455	8 23.2
546	9.399 946	29	9.414 094	32	0.585 874	9.985 851	2	454	9 26.1
		29		31			2		
547	9.399 975	29	9.414 126	31	0.585 843	9.985 849	2	453	
548	9.400 004	29	9.414 157	31	0.585 812	9.985 847	2	452	
549	9.400 033	29	9.414 188	31	0.585 781	9.985 845	2	451	
		29		31			2		
.550	9.400 062	30	9.414 219	31	0.585 750	9.985 843	2	.450	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.500 — 75°.450

14°.550 — 14°.600

14°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.400 062		9.414 219		0.585 781	9.985 843		.450	
551	9.400 092	30	9.414 250	31	0.585 750	9.985 841	2	449	
552	9.400 121	29	9.414 281	31	0.585 719	9.985 839	2	448	
553	9.400 150	29	9.414 313	32	0.585 687	9.985 837	2	447	
		29		31			1		32
554	9.400 179	29	9.414 344	31	0.585 656	9.985 836	2	446	
555	9.400 208	29	9.414 375	31	0.585 625	9.985 834	2	445	1 3.2
556	9.400 238	30	9.414 406	31	0.585 594	9.985 832	2	444	2 6.4
		29		31			2		3 9.6
557	9.400 267	29	9.414 437	31	0.585 563	9.985 830	2	443	4 12.8
558	9.400 296	29	9.414 468	31	0.585 532	9.985 828	2	442	5 16.0
559	9.400 325	29	9.414 500	32	0.585 500	9.985 826	2	441	6 19.2
		29		31			2		7 22.4
.560	9.400 354		9.414 531		0.585 469	9.985 824		.440	8 25.6
		30		31			2		9 28.8
561	9.400 384	29	9.414 562	31	0.585 438	9.985 822	2	439	
562	9.400 413	29	9.414 593	31	0.585 407	9.985 820	2	438	
563	9.400 442	29	9.414 624	31	0.585 376	9.985 818	2	437	
		29		31			2		31
564	9.400 471	29	9.414 655	31	0.585 345	9.985 816	2	436	
565	9.400 500	29	9.414 686	31	0.585 314	9.985 814	2	435	
566	9.400 529	29	9.414 718	32	0.585 282	9.985 812	2	434	
		30		31			2		1 3.1
567	9.400 559	29	9.414 749	31	0.585 251	9.985 810	2	433	2 6.2
568	9.400 588	29	9.414 780	31	0.585 220	9.985 808	2	432	3 9.3
569	9.400 617	29	9.414 811	31	0.585 189	9.985 806	2	431	4 12.4
		29		31			2		5 15.5
.570	9.400 646		9.414 842		0.585 158	9.985 804		.430	6 18.6
		29		31			2		7 21.7
571	9.400 675	29	9.414 873	31	0.585 127	9.985 802	2	429	8 24.8
572	9.400 704	29	9.414 904	31	0.585 096	9.985 800	2	428	9 27.9
573	9.400 734	30	9.414 935	31	0.585 065	9.985 798	2	427	
		29		32			2		
574	9.400 763	29	9.414 967	31	0.585 033	9.985 796	2	426	
575	9.400 792	29	9.414 998	31	0.585 002	9.985 794	2	425	
576	9.400 821	29	9.415 029	31	0.584 971	9.985 792	2	424	
		29		31			2		
577	9.400 850	29	9.415 060	31	0.584 940	9.985 790	2	423	30
578	9.400 879	29	9.415 091	31	0.584 909	9.985 788	2	422	
579	9.400 909	30	9.415 122	31	0.584 878	9.985 786	2	421	
		29		31			2		1 3.0
.580	9.400 938		9.415 153		0.584 847	9.985 784		.420	2 6.0
		29		31			2		3 9.0
581	9.400 967	29	9.415 184	31	0.584 816	9.985 782	2	419	4 12.0
582	9.400 996	29	9.415 216	32	0.584 784	9.985 780	2	418	5 15.0
583	9.401 025	29	9.415 247	31	0.584 753	9.985 778	2	417	6 18.0
		29		31			2		7 21.0
584	9.401 054	29	9.415 278	31	0.584 722	9.985 776	2	416	8 24.0
585	9.401 083	29	9.415 309	31	0.584 691	9.985 774	2	415	9 27.0
586	9.401 112	29	9.415 340	31	0.584 660	9.985 772	2	414	
		30		31			1		
587	9.401 142	29	9.415 371	31	0.584 629	9.985 771	2	413	
588	9.401 171	29	9.415 402	31	0.584 598	9.985 769	2	412	
589	9.401 200	29	9.415 433	31	0.584 567	9.985 767	2	411	
		29		31			2		29
.590	9.401 229		9.415 464		0.584 536	9.985 765		.410	1 2.9
		29		31			2		2 5.8
591	9.401 258	29	9.415 495	31	0.584 505	9.985 763	2	409	3 8.7
592	9.401 287	29	9.415 527	32	0.584 473	9.985 761	2	408	4 11.6
593	9.401 316	29	9.415 558	31	0.584 442	9.985 759	2	407	5 14.5
		29		31			2		6 17.4
594	9.401 345	29	9.415 589	31	0.584 411	9.985 757	2	406	7 20.3
595	9.401 375	30	9.415 620	31	0.584 380	9.985 755	2	405	8 23.2
596	9.401 404	29	9.415 651	31	0.584 349	9.985 753	2	404	9 26.1
		29		31			2		
597	9.401 433	29	9.415 682	31	0.584 318	9.985 751	2	403	
598	9.401 462	29	9.415 713	31	0.584 287	9.985 749	2	402	
599	9.401 491	29	9.415 744	31	0.584 256	9.985 747	2	401	
		29		31			2		
.600	9.401 520		9.415 775		0.584 225	9.985 745		.400	
		29		31			2		
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.450 — 75°.400

14°.600 — 14°.650

14°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.401 520		9.415 775		0.584 225	9.985 745		.400	
601	9.401 549	29	9.415 806	31	0.584 194	9.985 743	2	399	
602	9.401 578	29	9.415 837	31	0.584 163	9.985 741	2	398	
603	9.401 607	29	9.415 868	31	0.584 132	9.985 739	2	397	
604	9.401 636	29	9.415 899	31	0.584 101	9.985 737	2	396	32
605	9.401 666	30	9.415 931	32	0.584 069	9.985 735	2	395	1 3.2
606	9.401 695	29	9.415 962	31	0.584 038	9.985 733	2	394	2 6.4
607	9.401 724	29	9.415 993	31	0.584 007	9.985 731	2	393	3 9.6
608	9.401 753	29	9.416 024	31	0.583 976	9.985 729	2	392	4 12.8
609	9.401 782	29	9.416 055	31	0.583 945	9.985 727	2	391	5 16.0
.610	9.401 811	29	9.416 086	31	0.583 914	9.985 725	2	.390	6 19.2
611	9.401 840	29	9.416 117	31	0.583 883	9.985 723	2	389	7 22.4
612	9.401 869	29	9.416 148	31	0.583 852	9.985 721	2	388	8 25.6
613	9.401 898	29	9.416 179	31	0.583 821	9.985 719	2	387	9 28.8
614	9.401 927	29	9.416 210	31	0.583 790	9.985 717	2	386	
615	9.401 956	29	9.416 241	31	0.583 759	9.985 715	2	385	31
616	9.401 985	29	9.416 272	31	0.583 728	9.985 713	2	384	1 3.1
617	9.402 014	29	9.416 303	31	0.583 697	9.985 711	2	383	2 6.2
618	9.402 044	30	9.416 334	31	0.583 666	9.985 709	2	382	3 9.3
619	9.402 073	29	9.416 365	31	0.583 635	9.985 707	2	381	4 12.4
.620	9.402 102	29	9.416 396	31	0.583 604	9.985 705	2	.380	5 15.5
621	9.402 131	29	9.416 427	31	0.583 573	9.985 703	2	379	6 18.6
622	9.402 160	29	9.416 458	31	0.583 542	9.985 701	2	378	7 21.7
623	9.402 189	29	9.416 489	31	0.583 511	9.985 699	2	377	8 24.8
624	9.402 218	29	9.416 520	31	0.583 480	9.985 697	2	376	9 27.9
625	9.402 247	29	9.416 551	31	0.583 449	9.985 695	2	375	
626	9.402 276	29	9.416 582	31	0.583 418	9.985 693	2	374	
627	9.402 305	29	9.416 613	31	0.583 387	9.985 691	2	373	30
628	9.402 334	29	9.416 645	32	0.583 355	9.985 690	1	372	1 3.0
629	9.402 363	29	9.416 676	31	0.583 324	9.985 688	2	371	2 6.0
.630	9.402 392	29	9.416 707	31	0.583 293	9.985 686	2	.370	3 9.0
631	9.402 421	29	9.416 738	31	0.583 262	9.985 684	2	369	4 12.0
632	9.402 450	29	9.416 769	31	0.583 231	9.985 682	2	368	5 15.0
633	9.402 479	29	9.416 800	31	0.583 200	9.985 680	2	367	6 18.0
634	9.402 508	29	9.416 831	31	0.583 169	9.985 678	2	366	7 21.0
635	9.402 537	29	9.416 862	31	0.583 138	9.985 676	2	365	8 24.0
636	9.402 566	29	9.416 893	31	0.583 107	9.985 674	2	364	9 27.0
637	9.402 595	29	9.416 924	31	0.583 076	9.985 672	2	363	
638	9.402 624	29	9.416 955	31	0.583 045	9.985 670	2	362	
639	9.402 653	29	9.416 986	31	0.583 014	9.985 668	2	361	29
.640	9.402 682	29	9.417 017	31	0.582 983	9.985 666	2	.360	1 2.9
641	9.402 711	29	9.417 048	31	0.582 952	9.985 664	2	359	2 5.8
642	9.402 740	29	9.417 079	31	0.582 921	9.985 662	2	358	3 8.7
643	9.402 769	29	9.417 110	31	0.582 890	9.985 660	2	357	4 11.6
644	9.402 798	29	9.417 141	31	0.582 859	9.985 658	2	356	5 14.5
645	9.402 827	29	9.417 172	31	0.582 828	9.985 656	2	355	6 17.4
646	9.402 856	29	9.417 203	31	0.582 797	9.985 654	2	354	7 20.3
647	9.402 885	29	9.417 234	31	0.582 766	9.985 652	2	353	8 23.2
648	9.402 914	29	9.417 265	31	0.582 735	9.985 650	2	352	9 26.1
649	9.402 943	29	9.417 295	30	0.582 705	9.985 648	2	351	
.650	9.402 972	29	9.417 326	31	0.582 674	9.985 646	2	.350	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

$14^{\circ}.650 - 14^{\circ}.700$

14°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.402 972		9.417 326		0.582 674	9.985 646		.350	
651	9.403 001	29	9.417 357	31	0.582 643	9.985 644	2	349	
652	9.403 030	29	9.417 388	31	0.582 612	9.985 642	2	348	
653	9.403 059	29	9.417 419	31	0.582 581	9.985 640	2	347	
654	9.403 088	29	9.417 450	31	0.582 550	9.985 638	2	346	
655	9.403 117	29	9.417 481	31	0.582 519	9.985 636	2	345	
656	9.403 146	29	9.417 512	31	0.582 488	9.985 634	2	344	
657	9.403 175	29	9.417 543	31	0.582 457	9.985 632	2	343	
658	9.403 204	29	9.417 574	31	0.582 426	9.985 630	2	342	
659	9.403 233	29	9.417 605	31	0.582 395	9.985 628	2	341	
.660	9.403 262	29	9.417 636	31	0.582 364	9.985 626	2	.340	
661	9.403 291	29	9.417 667	31	0.582 333	9.985 624	2	339	
662	9.403 320	29	9.417 698	31	0.582 302	9.985 622	2	338	
663	9.403 349	29	9.417 729	31	0.582 271	9.985 620	2	337	
664	9.403 378	29	9.417 760	31	0.582 240	9.985 618	2	336	
665	9.403 407	29	9.417 791	31	0.582 209	9.985 616	2	335	
666	9.403 436	29	9.417 822	31	0.582 178	9.985 614	2	334	
667	9.403 465	29	9.417 853	31	0.582 147	9.985 612	2	333	
668	9.403 494	29	9.417 884	31	0.582 116	9.985 610	2	332	
669	9.403 523	29	9.417 915	31	0.582 085	9.985 608	2	331	
.670	9.403 552	29	9.417 946	31	0.582 054	9.985 606	2	.330	
671	9.403 581	29	9.417 977	31	0.582 023	9.985 604	2	329	
672	9.403 610	29	9.418 008	31	0.581 992	9.985 602	2	328	
673	9.403 639	29	9.418 038	30	0.581 962	9.985 600	2	327	
674	9.403 668	29	9.418 069	31	0.581 931	9.985 598	2	326	
675	9.403 697	29	9.418 100	31	0.581 900	9.985 596	2	325	
676	9.403 726	29	9.418 131	31	0.581 869	9.985 594	2	324	
677	9.403 755	29	9.418 162	31	0.581 838	9.985 592	2	323	
678	9.403 784	29	9.418 193	31	0.581 807	9.985 590	2	322	
679	9.403 812	28	9.418 224	31	0.581 776	9.985 588	2	321	
.680	9.403 841	29	9.418 255	31	0.581 745	9.985 586	2	.320	
681	9.403 870	29	9.418 286	31	0.581 714	9.985 584	2	319	
682	9.403 899	29	9.418 317	31	0.581 683	9.985 582	2	318	
683	9.403 928	29	9.418 348	31	0.581 652	9.985 580	2	317	
684	9.403 957	29	9.418 379	31	0.581 621	9.985 579	1	316	
685	9.403 986	29	9.418 410	31	0.581 590	9.985 577	2	315	
686	9.404 015	29	9.418 440	30	0.581 560	9.985 575	2	314	
687	9.404 044	29	9.418 471	31	0.581 529	9.985 573	2	313	
688	9.404 073	29	9.418 502	31	0.581 498	9.985 571	2	312	
689	9.404 102	29	9.418 533	31	0.581 467	9.985 569	2	311	
.690	9.404 131	29	9.418 564	31	0.581 436	9.985 567	2	.310	
691	9.404 160	29	9.418 595	31	0.581 405	9.985 565	2	309	
692	9.404 188	28	9.418 626	31	0.581 374	9.985 563	2	308	
693	9.404 217	29	9.418 657	31	0.581 343	9.985 561	2	307	
694	9.404 246	29	9.418 688	31	0.581 312	9.985 559	2	306	
695	9.404 275	29	9.418 719	31	0.581 281	9.985 557	2	305	
696	9.404 304	29	9.418 749	30	0.581 251	9.985 555	2	304	
697	9.404 333	29	9.418 780	31	0.581 220	9.985 553	2	303	
698	9.404 362	29	9.418 811	31	0.581 189	9.985 551	2	302	
699	9.404 391	29	9.418 842	31	0.581 158	9.985 549	2	301	
.700	9.404 420	29	9.418 873	31	0.581 127	9.985 547	2	.300	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

14°.700 — 14°.750

14°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.404 420		9.418 873		0.581 127	9.985 547		.300	
701	9.404 449	29	9.418 904	31	0.581 096	9.985 545	2	299	
702	9.404 477	28	9.418 935	31	0.581 065	9.985 543	2	298	
703	9.404 506	29	9.418 966	31	0.581 034	9.985 541	2	297	
704	9.404 535	29	9.418 996	30	0.581 004	9.985 539	2	296	31
705	9.404 564	29	9.419 027	31	0.580 973	9.985 537	2	295	1 3.1
706	9.404 593	29	9.419 058	31	0.580 942	9.985 535	2	294	2 6.2
707	9.404 622	29	9.419 089	31	0.580 911	9.985 533	2	293	3 9.3
708	9.404 651	29	9.419 120	31	0.580 880	9.985 531	2	292	4 12.4
709	9.404 680	29	9.419 151	31	0.580 849	9.985 529	2	291	5 15.5
		28		31			2		6 18.6
.710	9.404 708		9.419 182		0.580 818	9.985 527		.290	7 21.7
711	9.404 737	29	9.419 213	31	0.580 787	9.985 525	2	289	8 24.8
712	9.404 766	29	9.419 243	30	0.580 757	9.985 523	2	288	9 27.9
713	9.404 795	29	9.419 274	31	0.580 726	9.985 521	2	287	
714	9.404 824	29	9.419 305	31	0.580 695	9.985 519	2	286	
715	9.404 853	29	9.419 336	31	0.580 664	9.985 517	2	285	
716	9.404 882	29	9.419 367	31	0.580 633	9.985 515	2	284	30
717	9.404 911	29	9.419 398	31	0.580 602	9.985 513	2	283	1 3.0
718	9.404 939	28	9.419 428	30	0.580 572	9.985 511	2	282	2 6.0
719	9.404 968	29	9.419 459	31	0.580 541	9.985 509	2	281	3 9.0
		29		31			2		4 12.0
.720	9.404 997		9.419 490		0.580 510	9.985 507		.280	5 15.0
721	9.405 026	29	9.419 521	31	0.580 479	9.985 505	2	279	6 18.0
722	9.405 055	29	9.419 552	31	0.580 448	9.985 503	2	278	7 21.0
723	9.405 084	29	9.419 583	31	0.580 417	9.985 501	2	277	8 24.0
724	9.405 112	28	9.419 614	31	0.580 386	9.985 499	2	276	9 27.0
725	9.405 141	29	9.419 644	30	0.580 356	9.985 497	2	275	
726	9.405 170	29	9.419 675	31	0.580 325	9.985 495	2	274	
727	9.405 199	29	9.419 706	31	0.580 294	9.985 493	2	273	29
728	9.405 228	29	9.419 737	31	0.580 263	9.985 491	2	272	1 2.9
729	9.405 257	29	9.419 768	31	0.580 232	9.985 489	2	271	2 5.8
		29		31			2		3 8.7
.730	9.405 286		9.419 799		0.580 201	9.985 487		.270	4 11.6
731	9.405 314	28	9.419 829	30	0.580 171	9.985 485	2	269	5 14.5
732	9.405 343	29	9.419 860	31	0.580 140	9.985 483	2	268	6 17.4
733	9.405 372	29	9.419 891	31	0.580 109	9.985 481	2	267	7 20.3
734	9.405 401	29	9.419 922	31	0.580 078	9.985 479	2	266	8 23.2
735	9.405 430	29	9.419 953	31	0.580 047	9.985 477	2	265	9 26.1
736	9.405 458	28	9.419 983	30	0.580 017	9.985 475	2	264	
737	9.405 487	29	9.420 014	31	0.579 986	9.985 473	2	263	
738	9.405 516	29	9.420 045	31	0.579 955	9.985 471	2	262	
739	9.405 545	29	9.420 076	31	0.579 924	9.985 469	2	261	28
		29		31			2		
.740	9.405 574		9.420 107		0.579 893	9.985 467		.260	1 2.8
741	9.405 603	29	9.420 137	30	0.579 863	9.985 465	2	259	2 5.6
742	9.405 631	28	9.420 168	31	0.579 832	9.985 463	2	258	3 8.4
743	9.405 660	29	9.420 199	31	0.579 801	9.985 461	2	257	4 11.2
744	9.405 689	29	9.420 230	31	0.579 770	9.985 459	2	256	5 14.0
745	9.405 718	29	9.420 261	31	0.579 739	9.985 457	2	255	6 16.8
746	9.405 747	29	9.420 291	30	0.579 709	9.985 455	2	254	7 19.6
747	9.405 775	28	9.420 322	31	0.579 678	9.985 453	2	253	8 22.4
748	9.405 804	29	9.420 353	31	0.579 647	9.985 451	2	252	9 25.2
749	9.405 833	29	9.420 384	31	0.579 616	9.985 449	2	251	
		29		31			2		
.750	9.405 862		9.420 415		0.579 585	9.985 447		.250	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.300 — 75°.250

14°.750 — 14°.800

14°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.405 862		9.420 415		0.579 585	9.985 447		.250	
751	9.405 891	29	9.420 445	30	0.579 555	9.985 445	2	249	
752	9.405 919	28	9.420 476	31	0.579 524	9.985 443	2	248	
753	9.405 948	29	9.420 507	31	0.579 493	9.985 441	2	247	
		29		31			2		31
754	9.405 977	29	9.420 538	31	0.579 462	9.985 439	2	246	
755	9.406 006	29	9.420 569	31	0.579 431	9.985 437	2	245	1 3.1
756	9.406 034	28	9.420 599	30	0.579 401	9.985 435	2	244	2 6.2
		29		31			2		3 9.3
757	9.406 063	29	9.420 630	31	0.579 370	9.985 433	2	243	4 12.4
758	9.406 092	29	9.420 661	31	0.579 339	9.985 431	2	242	5 15.5
759	9.406 121	29	9.420 692	31	0.579 308	9.985 429	2	241	6 18.6
		29		30			2		7 21.7
.760	9.406 150	28	9.420 722	31	0.579 278	9.985 427	2	.240	8 24.8
		29		31			2		9 27.9
761	9.406 178	29	9.420 753	31	0.579 247	9.985 425	2	239	
762	9.406 207	29	9.420 784	31	0.579 216	9.985 423	2	238	
763	9.406 236	29	9.420 815	31	0.579 185	9.985 421	2	237	
		29		30			2		30
764	9.406 265	28	9.420 845	31	0.579 155	9.985 419	2	236	
765	9.406 293	29	9.420 876	31	0.579 124	9.985 417	2	235	
766	9.406 322	29	9.420 907	31	0.579 093	9.985 415	2	234	
		29		31			2		1 3.0
767	9.406 351	29	9.420 938	30	0.579 062	9.985 413	2	233	2 6.0
768	9.406 380	28	9.420 968	31	0.579 032	9.985 411	2	232	3 9.0
769	9.406 408	28	9.420 999	31	0.579 001	9.985 409	2	231	4 12.0
		29		31			2		5 15.0
.770	9.406 437	29	9.421 030	31	0.578 970	9.985 407	2	.230	6 18.0
		29		31			2		7 21.0
771	9.406 466	29	9.421 061	30	0.578 939	9.985 405	2	229	8 24.0
772	9.406 495	28	9.421 091	31	0.578 909	9.985 403	2	228	9 27.0
773	9.406 523	29	9.421 122	31	0.578 878	9.985 401	2	227	
		29		31			2		
774	9.406 552	29	9.421 153	31	0.578 847	9.985 399	2	226	
775	9.406 581	29	9.421 184	31	0.578 816	9.985 397	2	225	
776	9.406 610	29	9.421 214	30	0.578 786	9.985 395	2	224	
		28		31			2		29
777	9.406 638	29	9.421 245	31	0.578 755	9.985 393	2	223	
778	9.406 667	29	9.421 276	31	0.578 724	9.985 391	2	222	
779	9.406 696	29	9.421 307	31	0.578 693	9.985 389	2	221	
		29		30			2		1 2.9
.780	9.406 725	28	9.421 337	31	0.578 663	9.985 387	2	.220	2 5.8
		29		31			2		3 8.7
781	9.406 753	29	9.421 368	31	0.578 632	9.985 385	2	219	4 11.6
782	9.406 782	29	9.421 399	31	0.578 601	9.985 383	2	218	5 14.5
783	9.406 811	29	9.421 430	31	0.578 570	9.985 381	2	217	6 17.4
		28		30			2		7 20.3
784	9.406 839	29	9.421 460	31	0.578 540	9.985 379	2	216	8 23.2
785	9.406 868	29	9.421 491	31	0.578 509	9.985 377	2	215	9 26.1
786	9.406 897	29	9.421 522	31	0.578 478	9.985 375	2	214	
		29		30			2		
787	9.406 926	28	9.421 552	31	0.578 448	9.985 373	2	213	
788	9.406 954	29	9.421 583	31	0.578 417	9.985 371	2	212	
789	9.406 983	29	9.421 614	31	0.578 386	9.985 369	2	211	
		29		31			2		28
.790	9.407 012	28	9.421 645	30	0.578 355	9.985 367	2	.210	1 2.8
		29		31			2		2 5.6
791	9.407 040	29	9.421 675	31	0.578 325	9.985 365	2	209	3 8.4
792	9.407 069	29	9.421 706	31	0.578 294	9.985 363	2	208	4 11.2
793	9.407 098	29	9.421 737	31	0.578 263	9.985 361	2	207	5 14.0
		29		30			2		6 16.8
794	9.407 127	28	9.421 767	31	0.578 233	9.985 359	2	206	7 19.6
795	9.407 155	29	9.421 798	31	0.578 202	9.985 357	2	205	8 22.4
796	9.407 184	29	9.421 829	31	0.578 171	9.985 355	2	204	9 25.2
		29		30			2		
797	9.407 213	28	9.421 859	31	0.578 141	9.985 353	2	203	
798	9.407 241	29	9.421 890	31	0.578 110	9.985 351	2	202	
799	9.407 270	29	9.421 921	31	0.578 079	9.985 349	2	201	
		29		31			2		
.800	9.407 299		9.421 952		0.578 048	9.985 347		.200	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.250 — 75°.200

14°.800 — 14°.850

14°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.407 299	28	9.421 952	30	0.578 048	9.985 347	2	.200	
801	9.407 327	28	9.421 982	30	0.578 018	9.985 345	2	199	
802	9.407 356	29	9.422 013	31	0.577 987	9.985 343	2	198	
803	9.407 385	29	9.422 044	31	0.577 956	9.985 341	2	197	
		28		30			2		31
804	9.407 413	28	9.422 074	30	0.577 926	9.985 339	2	196	
805	9.407 442	29	9.422 105	31	0.577 895	9.985 337	2	195	1 3.1
806	9.407 471	29	9.422 136	31	0.577 864	9.985 335	2	194	2 6.2
		28		30			2		3 9.3
807	9.407 499	28	9.422 166	30	0.577 834	9.985 333	2	193	4 12.4
808	9.407 528	29	9.422 197	31	0.577 803	9.985 331	2	192	5 15.5
809	9.407 557	29	9.422 228	31	0.577 772	9.985 329	2	191	6 18.6
		28		30			2		7 21.7
.810	9.407 585	29	9.422 258	31	0.577 742	9.985 327	2	.190	8 24.8
		28		30			2		9 27.9
811	9.407 614	29	9.422 289	31	0.577 711	9.985 325	2	189	
812	9.407 643	29	9.422 320	31	0.577 680	9.985 323	2	188	
813	9.407 671	28	9.422 350	30	0.577 650	9.985 321	2	187	
		29		31			2		
814	9.407 700	29	9.422 381	31	0.577 619	9.985 319	2	186	
815	9.407 729	29	9.422 412	31	0.577 588	9.985 317	2	185	
816	9.407 757	28	9.422 442	30	0.577 558	9.985 315	2	184	30
		29		31			2		1 3.0
817	9.407 786	29	9.422 473	31	0.577 527	9.985 313	2	183	2 6.0
818	9.407 815	29	9.422 504	31	0.577 496	9.985 311	2	182	3 9.0
819	9.407 843	28	9.422 534	30	0.577 466	9.985 309	2	181	4 12.0
		29		31			2		5 15.0
.820	9.407 872	29	9.422 565	31	0.577 435	9.985 307	2	.180	6 18.0
		28		30			2		7 21.0
821	9.407 901	28	9.422 596	30	0.577 404	9.985 305	2	179	8 24.0
822	9.407 929	29	9.422 626	31	0.577 374	9.985 303	2	178	9 27.0
823	9.407 958	29	9.422 657	31	0.577 343	9.985 301	2	177	
		29		31			2		
824	9.407 987	28	9.422 688	30	0.577 312	9.985 299	2	176	
825	9.408 015	28	9.422 718	30	0.577 282	9.985 297	2	175	
826	9.408 044	29	9.422 749	31	0.577 251	9.985 295	2	174	
		29		31			2		
827	9.408 073	28	9.422 780	30	0.577 220	9.985 293	2	173	29
828	9.408 101	28	9.422 810	30	0.577 190	9.985 291	2	172	
829	9.408 130	29	9.422 841	31	0.577 159	9.985 289	2	171	1 2.9
		28		30			2		2 5.8
.830	9.408 158	29	9.422 871	31	0.577 129	9.985 287	2	.170	3 8.7
		28		30			2		4 11.6
831	9.408 187	29	9.422 902	31	0.577 098	9.985 285	2	169	5 14.5
832	9.408 216	28	9.422 933	30	0.577 067	9.985 283	2	168	6 17.4
833	9.408 244	29	9.422 963	31	0.577 037	9.985 281	2	167	7 20.3
		29		31			2		8 23.2
834	9.408 273	29	9.422 994	31	0.577 006	9.985 279	2	166	9 26.1
835	9.408 302	28	9.423 025	30	0.576 975	9.985 277	2	165	
836	9.408 330	29	9.423 055	31	0.576 945	9.985 275	2	164	
		28		30			2		
837	9.408 359	28	9.423 086	30	0.576 914	9.985 273	2	163	
838	9.408 387	29	9.423 116	31	0.576 884	9.985 271	2	162	
839	9.408 416	29	9.423 147	31	0.576 853	9.985 269	2	161	
		28		30			2		28
.840	9.408 445	28	9.423 178	30	0.576 822	9.985 267	2	.160	1 2.8
		29		31			2		2 5.6
841	9.408 473	29	9.423 208	31	0.576 792	9.985 265	2	159	3 8.4
842	9.408 502	28	9.423 239	30	0.576 761	9.985 263	2	158	4 11.2
843	9.408 530	28	9.423 270	31	0.576 730	9.985 261	2	157	5 14.0
		29		30			2		6 16.8
844	9.408 559	29	9.423 300	31	0.576 700	9.985 259	2	156	7 19.6
845	9.408 588	28	9.423 331	30	0.576 669	9.985 257	2	155	8 22.4
846	9.408 616	28	9.423 361	30	0.576 639	9.985 255	2	154	9 25.2
		29		31			2		
847	9.408 645	28	9.423 392	31	0.576 608	9.985 253	2	153	
848	9.408 673	28	9.423 423	31	0.576 577	9.985 251	2	152	
849	9.408 702	29	9.423 453	30	0.576 547	9.985 249	2	151	
		29		31			2		
.850	9.408 731	29	9.423 484	31	0.576 516	9.985 247	2	.150	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

14°.850 — 14°.900

14°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.408 731	28	9.423 484	30	0.576 516	9.985 247	2	.150	
851	9.408 759	29	9.423 514	31	0.576 486	9.985 245	2	149	
852	9.408 788	28	9.423 545	31	0.576 455	9.985 243	2	148	
853	9.408 816	28	9.423 576	31	0.576 424	9.985 241	2	147	
854	9.408 845	29	9.423 606	30	0.576 394	9.985 239	2	146	31
855	9.408 874	29	9.423 637	31	0.576 363	9.985 237	2	145	1 3.1
856	9.408 902	28	9.423 667	30	0.576 333	9.985 235	2	144	2 6.2
857	9.408 931	29	9.423 698	31	0.576 302	9.985 233	2	143	3 9.3
858	9.408 959	28	9.423 728	30	0.576 272	9.985 231	2	142	4 12.4
859	9.408 988	29	9.423 759	31	0.576 241	9.985 229	2	141	5 15.5
.860	9.409 016	28	9.423 790	31	0.576 210	9.985 227	2	.140	6 18.6
861	9.409 045	29	9.423 820	30	0.576 180	9.985 225	2	139	7 21.7
862	9.409 074	29	9.423 851	31	0.576 149	9.985 223	2	138	8 24.8
863	9.409 102	28	9.423 881	30	0.576 119	9.985 221	2	137	9 27.9
864	9.409 131	29	9.423 912	31	0.576 088	9.985 219	2	136	
865	9.409 159	28	9.423 943	31	0.576 057	9.985 217	2	135	30
866	9.409 188	29	9.423 973	30	0.576 027	9.985 215	2	134	1 3.0
867	9.409 216	28	9.424 004	31	0.575 996	9.985 213	2	133	2 6.0
868	9.409 245	29	9.424 034	30	0.575 966	9.985 211	2	132	3 9.0
869	9.409 273	28	9.424 065	31	0.575 935	9.985 209	2	131	4 12.0
.870	9.409 302	29	9.424 095	30	0.575 905	9.985 207	2	.130	5 15.0
871	9.409 330	28	9.424 126	31	0.575 874	9.985 205	2	129	6 18.0
872	9.409 359	29	9.424 156	30	0.575 844	9.985 203	2	128	7 21.0
873	9.409 388	29	9.424 187	31	0.575 813	9.985 201	2	127	8 24.0
874	9.409 416	28	9.424 218	31	0.575 782	9.985 199	2	126	9 27.0
875	9.409 445	29	9.424 248	30	0.575 752	9.985 197	2	125	
876	9.409 473	28	9.424 279	31	0.575 721	9.985 195	2	124	
877	9.409 502	29	9.424 309	30	0.575 691	9.985 193	2	123	29
878	9.409 530	28	9.424 340	31	0.575 660	9.985 191	2	122	1 2.9
879	9.409 559	29	9.424 370	30	0.575 630	9.985 188	3	121	2 5.8
.880	9.409 587	28	9.424 401	31	0.575 599	9.985 186	2	.120	3 8.7
881	9.409 616	29	9.424 431	30	0.575 569	9.985 184	2	119	4 11.6
882	9.409 644	28	9.424 462	31	0.575 538	9.985 182	2	118	5 14.5
883	9.409 673	29	9.424 492	30	0.575 508	9.985 180	2	117	6 17.4
884	9.409 701	28	9.424 523	31	0.575 477	9.985 178	2	116	7 20.3
885	9.409 730	29	9.424 554	31	0.575 446	9.985 176	2	115	8 23.2
886	9.409 758	28	9.424 584	30	0.575 416	9.985 174	2	114	9 26.1
887	9.409 787	29	9.424 615	31	0.575 385	9.985 172	2	113	
888	9.409 815	28	9.424 645	30	0.575 355	9.985 170	2	112	
889	9.409 844	29	9.424 676	31	0.575 324	9.985 168	2	111	28
.890	9.409 872	28	9.424 706	30	0.575 294	9.985 166	2	.110	1 2.8
891	9.409 901	29	9.424 737	31	0.575 263	9.985 164	2	109	2 5.6
892	9.409 930	29	9.424 767	30	0.575 233	9.985 162	2	108	3 8.4
893	9.409 958	28	9.424 798	31	0.575 202	9.985 160	2	107	4 11.2
894	9.409 987	29	9.424 828	30	0.575 172	9.985 158	2	106	5 14.0
895	9.410 015	28	9.424 859	31	0.575 141	9.985 156	2	105	6 16.8
896	9.410 044	29	9.424 889	30	0.575 111	9.985 154	2	104	7 19.6
897	9.410 072	28	9.424 920	31	0.575 080	9.985 152	2	103	8 22.4
898	9.410 100	28	9.424 950	30	0.575 050	9.985 150	2	102	9 25.2
899	9.410 129	29	9.424 981	31	0.575 019	9.985 148	2	101	
.900	9.410 157	28	9.425 011	30	0.574 989	9.985 146	2	.100	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.150 — 75°.100

14°.900 — 14°.950

14°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.410 157		9.425 011		0.574 989	9.985 146		.100	
901	9.410 186	29	9.425 042	31	0.574 958	9.985 144	2	099	
902	9.410 214	28	9.425 072	30	0.574 928	9.985 142	2	098	
903	9.410 243	29	9.425 103	31	0.574 897	9.985 140	2	097	
		28		30			2		31
904	9.410 271	29	9.425 133	31	0.574 867	9.985 138	2	096	
905	9.410 300	28	9.425 164	30	0.574 836	9.985 136	2	095	1 3.1
906	9.410 328	28	9.425 194	30	0.574 806	9.985 134	2	094	2 6.2
		29		31			2		3 9.3
907	9.410 357	28	9.425 225	30	0.574 775	9.985 132	2	093	4 12.4
908	9.410 385	29	9.425 255	31	0.574 745	9.985 130	2	092	5 15.5
909	9.410 414	28	9.425 286	30	0.574 714	9.985 128	2	091	6 18.6
		29		31			2		7 21.7
.910	9.410 442	28	9.425 316	30	0.574 684	9.985 126	2	.090	8 24.8
		29		31			2		9 27.9
911	9.410 471	28	9.425 347	30	0.574 653	9.985 124	2	089	
912	9.410 499	29	9.425 377	31	0.574 623	9.985 122	2	088	
913	9.410 528	28	9.425 408	30	0.574 592	9.985 120	2	087	
		29		31			2		
914	9.410 556	28	9.425 438	30	0.574 562	9.985 118	2	086	
915	9.410 585	29	9.425 469	31	0.574 531	9.985 116	2	085	
916	9.410 613	28	9.425 499	30	0.574 501	9.985 114	2	084	30
		28		31			2		1 3.0
917	9.410 641	29	9.425 530	30	0.574 470	9.985 112	2	083	2 6.0
918	9.410 670	28	9.425 560	30	0.574 440	9.985 110	2	082	3 9.0
919	9.410 698	28	9.425 591	31	0.574 409	9.985 108	2	081	4 12.0
		29		30			2		5 15.0
.920	9.410 727	28	9.425 621	30	0.574 379	9.985 106	2	.080	6 18.0
		29		31			2		7 21.0
921	9.410 755	28	9.425 651	30	0.574 349	9.985 104	2	079	8 24.0
922	9.410 784	28	9.425 682	30	0.574 318	9.985 102	2	078	9 27.0
923	9.410 812	29	9.425 712	31	0.574 288	9.985 100	2	077	
		28		30			2		
924	9.410 841	28	9.425 743	30	0.574 257	9.985 098	2	076	
925	9.410 869	28	9.425 773	31	0.574 227	9.985 096	2	075	
926	9.410 897	29	9.425 804	30	0.574 196	9.985 094	2	074	
		28		31			2		
927	9.410 926	28	9.425 834	30	0.574 166	9.985 092	2	073	29
928	9.410 954	29	9.425 865	31	0.574 135	9.985 090	2	072	
929	9.410 983	28	9.425 895	30	0.574 105	9.985 088	2	071	1 2.9
		29		31			2		2 5.8
.930	9.411 011	28	9.425 926	30	0.574 074	9.985 086	2	.070	3 8.7
		29		31			2		4 11.6
931	9.411 040	28	9.425 956	30	0.574 044	9.985 084	2	069	5 14.5
932	9.411 068	28	9.425 986	30	0.574 014	9.985 082	2	068	6 17.4
933	9.411 096	29	9.426 017	31	0.573 983	9.985 080	2	067	7 20.3
		28		30			2		8 23.2
934	9.411 125	28	9.426 047	31	0.573 953	9.985 078	3	066	9 26.1
935	9.411 153	29	9.426 078	30	0.573 922	9.985 075	2	065	
936	9.411 182	28	9.426 108	31	0.573 892	9.985 073	2	064	
		29		30			2		
937	9.411 210	28	9.426 139	31	0.573 861	9.985 071	2	063	
938	9.411 239	28	9.426 169	30	0.573 831	9.985 069	2	062	
939	9.411 267	28	9.426 200	31	0.573 800	9.985 067	2	061	
		29		30			2		28
.940	9.411 295	28	9.426 230	30	0.573 770	9.985 065	2	.060	1 2.8
		29		31			2		2 5.6
941	9.411 324	28	9.426 260	30	0.573 740	9.985 063	2	059	3 8.4
942	9.411 352	29	9.426 291	30	0.573 709	9.985 061	2	058	4 11.2
943	9.411 381	28	9.426 321	31	0.573 679	9.985 059	2	057	5 14.0
		28		30			2		6 16.8
944	9.411 409	28	9.426 352	30	0.573 648	9.985 057	2	056	7 19.6
945	9.411 437	29	9.426 382	31	0.573 618	9.985 055	2	055	8 22.4
946	9.411 466	28	9.426 413	30	0.573 587	9.985 053	2	054	9 25.2
		29		31			2		
947	9.411 494	28	9.426 443	30	0.573 557	9.985 051	2	053	
948	9.411 523	28	9.426 473	30	0.573 527	9.985 049	2	052	
949	9.411 551	28	9.426 504	31	0.573 496	9.985 047	2	051	
		29		30			2		
.950	9.411 579	28	9.426 534	30	0.573 466	9.985 045	2	.050	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

75°.100 — 75°.050

14°.950 — 15°.000

14°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.411 579		9.426 534		0.573 466	9.985 045		.050	
951	9.411 608	29	9.426 565	31	0.573 435	9.985 043	2	049	
952	9.411 636	28	9.426 595	30	0.573 405	9.985 041	2	048	
953	9.411 664	28	9.426 625	30	0.573 375	9.985 039	2	047	
954	9.411 693	29	9.426 656	31	0.573 344	9.985 037	2	046	31
955	9.411 721	28	9.426 686	30	0.573 314	9.985 035	2	045	1 3.1
956	9.411 750	29	9.426 717	31	0.573 283	9.985 033	2	044	2 6.2
957	9.411 778	28	9.426 747	30	0.573 253	9.985 031	2	043	3 9.3
958	9.411 806	28	9.426 777	30	0.573 223	9.985 029	2	042	4 12.4
959	9.411 835	29	9.426 808	31	0.573 192	9.985 027	2	041	5 15.5
.960	9.411 863	28	9.426 838	30	0.573 162	9.985 025	2	.040	6 18.6
961	9.411 891	28	9.426 869	31	0.573 131	9.985 023	2	039	7 21.7
962	9.411 920	29	9.426 899	30	0.573 101	9.985 021	2	038	8 24.8
963	9.411 948	28	9.426 929	30	0.573 071	9.985 019	2	037	9 27.9
964	9.411 977	29	9.426 960	31	0.573 040	9.985 017	2	036	
965	9.412 005	28	9.426 990	30	0.573 010	9.985 015	2	035	30
966	9.412 033	28	9.427 021	31	0.572 979	9.985 013	2	034	1 3.0
967	9.412 062	29	9.427 051	30	0.572 949	9.985 011	2	033	2 6.0
968	9.412 090	28	9.427 081	30	0.572 919	9.985 009	2	032	3 9.0
969	9.412 118	28	9.427 112	31	0.572 888	9.985 007	2	031	4 12.0
.970	9.412 147	29	9.427 142	30	0.572 858	9.985 005	2	.030	5 15.0
971	9.412 175	28	9.427 172	30	0.572 828	9.985 003	2	029	6 18.0
972	9.412 203	28	9.427 203	31	0.572 797	9.985 001	2	028	7 21.0
973	9.412 232	29	9.427 233	30	0.572 767	9.984 999	2	027	8 24.0
974	9.412 260	28	9.427 264	31	0.572 736	9.984 997	2	026	9 27.0
975	9.412 288	28	9.427 294	30	0.572 706	9.984 995	2	025	
976	9.412 317	29	9.427 324	30	0.572 676	9.984 992	3	024	
977	9.412 345	28	9.427 355	31	0.572 645	9.984 990	2	023	29
978	9.412 373	28	9.427 385	30	0.572 615	9.984 988	2	022	1 2.9
979	9.412 402	29	9.427 415	30	0.572 585	9.984 986	2	021	2 5.8
.980	9.412 430	28	9.427 446	31	0.572 554	9.984 984	2	.020	3 8.7
981	9.412 458	28	9.427 476	30	0.572 524	9.984 982	2	019	4 11.6
982	9.412 487	29	9.427 506	30	0.572 494	9.984 980	2	018	5 14.5
983	9.412 515	28	9.427 537	31	0.572 463	9.984 978	2	017	6 17.4
984	9.412 543	28	9.427 567	30	0.572 433	9.984 976	2	016	7 20.3
985	9.412 572	29	9.427 597	30	0.572 403	9.984 974	2	015	8 23.2
986	9.412 600	28	9.427 628	31	0.572 372	9.984 972	2	014	9 26.1
987	9.412 628	28	9.427 658	30	0.572 342	9.984 970	2	013	
988	9.412 657	29	9.427 688	30	0.572 312	9.984 968	2	012	
989	9.412 685	28	9.427 719	31	0.572 281	9.984 966	2	011	28
.990	9.412 713	28	9.427 749	30	0.572 251	9.984 964	2	.010	1 2.8
991	9.412 742	29	9.427 780	31	0.572 220	9.984 962	2	009	2 5.6
992	9.412 770	28	9.427 810	30	0.572 190	9.984 960	2	008	3 8.4
993	9.412 798	28	9.427 840	30	0.572 160	9.984 958	2	007	4 11.2
994	9.412 826	28	9.427 871	31	0.572 129	9.984 956	2	006	5 14.0
995	9.412 855	29	9.427 901	30	0.572 099	9.984 954	2	005	6 16.8
996	9.412 883	28	9.427 931	30	0.572 069	9.984 952	2	004	7 19.6
997	9.412 911	28	9.427 961	30	0.572 039	9.984 950	2	003	8 22.4
998	9.412 940	29	9.427 992	31	0.572 008	9.984 948	2	002	9 25.2
999	9.412 968	28	9.428 022	30	0.571 978	9.984 946	2	001	
*.000	9.412 996	28	9.428 052	30	0.571 948	9.984 944	2	.000	
	cos	d	cotg	d	tang	sin	d	75°	P.P.

15°.000 — 15°.050

15°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.412 996		9.428 052		0.571 948	9.984 944		*.000	
001	9.413 025	29	9.428 083	31	0.571 917	9.984 942	2	999	
002	9.413 053	28	9.428 113	30	0.571 887	9.984 940	2	998	
003	9.413 081	28	9.428 143	30	0.571 857	9.984 938	2	997	
004	9.413 109	28	9.428 174	31	0.571 826	9.984 936	2	996	31
005	9.413 138	29	9.428 204	30	0.571 796	9.984 934	2	995	1 3.1
006	9.413 166	28	9.428 234	30	0.571 766	9.984 932	2	994	2 6.2
007	9.413 194	28	9.428 265	31	0.571 735	9.984 930	2	993	3 9.3
008	9.413 222	28	9.428 295	30	0.571 705	9.984 928	2	992	4 12.4
009	9.413 251	29	9.428 325	30	0.571 675	9.984 925	3	991	5 15.5
		28		31			2		6 18.6
.010	9.413 279	28	9.428 356	30	0.571 644	9.984 923	2	.990	7 21.7
		28		30			2		8 24.8
011	9.413 307	29	9.428 386	30	0.571 614	9.984 921	2	989	9 27.9
012	9.413 336	28	9.428 416	30	0.571 584	9.984 919	2	988	
013	9.413 364	28	9.428 446	30	0.571 554	9.984 917	2	987	
014	9.413 392	28	9.428 477	31	0.571 523	9.984 915	2	986	
015	9.413 420	28	9.428 507	30	0.571 493	9.984 913	2	985	
016	9.413 449	29	9.428 537	30	0.571 463	9.984 911	2	984	30
		28		31			2		1 3.0
017	9.413 477	28	9.428 568	30	0.571 432	9.984 909	2	983	2 6.0
018	9.413 505	28	9.428 598	30	0.571 402	9.984 907	2	982	3 9.0
019	9.413 533	28	9.428 628	30	0.571 372	9.984 905	2	981	4 12.0
		29		30			2		5 15.0
.020	9.413 562	28	9.428 658	31	0.571 342	9.984 903	2	.980	6 18.0
		28		30			2		7 21.0
021	9.413 590	28	9.428 689	30	0.571 311	9.984 901	2	979	8 24.0
022	9.413 618	28	9.428 719	30	0.571 281	9.984 899	2	978	9 27.0
023	9.413 646	28	9.428 749	30	0.571 251	9.984 897	2	977	
024	9.413 675	29	9.428 780	31	0.571 220	9.984 895	2	976	
025	9.413 703	28	9.428 810	30	0.571 190	9.984 893	2	975	
026	9.413 731	28	9.428 840	30	0.571 160	9.984 891	2	974	
027	9.413 759	28	9.428 870	30	0.571 130	9.984 889	2	973	
028	9.413 788	29	9.428 901	31	0.571 099	9.984 887	2	972	29
029	9.413 816	28	9.428 931	30	0.571 069	9.984 885	2	971	1 2.9
		28		30			2		2 5.8
.030	9.413 844	28	9.428 961	30	0.571 039	9.984 883	2	.970	3 8.7
		28		30			2		4 11.6
031	9.413 872	28	9.428 991	31	0.571 009	9.984 881	2	969	5 14.5
032	9.413 900	29	9.429 022	30	0.570 978	9.984 879	2	968	6 17.4
033	9.413 929	28	9.429 052	30	0.570 948	9.984 877	2	967	7 20.3
034	9.413 957	28	9.429 082	30	0.570 918	9.984 875	2	966	8 23.2
035	9.413 985	28	9.429 113	31	0.570 887	9.984 873	2	965	9 26.1
036	9.414 013	29	9.429 143	30	0.570 857	9.984 871	2	964	
037	9.414 042	28	9.429 173	30	0.570 827	9.984 869	2	963	
038	9.414 070	28	9.429 203	30	0.570 797	9.984 866	3	962	
039	9.414 098	28	9.429 234	31	0.570 766	9.984 864	2	961	
		28		30			2		28
.040	9.414 126	28	9.429 264	30	0.570 736	9.984 862	2	.960	1 2.8
		28		30			2		2 5.6
041	9.414 154	29	9.429 294	30	0.570 706	9.984 860	2	959	3 8.4
042	9.414 183	28	9.429 324	30	0.570 676	9.984 858	2	958	4 11.2
043	9.414 211	28	9.429 354	30	0.570 646	9.984 856	2	957	5 14.0
044	9.414 239	28	9.429 385	31	0.570 615	9.984 854	2	956	6 16.8
045	9.414 267	28	9.429 415	30	0.570 585	9.984 852	2	955	7 19.6
046	9.414 295	28	9.429 445	30	0.570 555	9.984 850	2	954	8 22.4
047	9.414 324	29	9.429 475	30	0.570 525	9.984 848	2	953	9 25.2
048	9.414 352	28	9.429 506	31	0.570 494	9.984 846	2	952	
049	9.414 380	28	9.429 536	30	0.570 464	9.984 844	2	951	
		28		30			2		
.050	9.414 408		9.429 566		0.570 434	9.984 842		.950	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

15°.050 — 15°.100

15°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.414 408	28	9.429 566	30	0.570 434	9.984 842	2	.950	
051	9.414 436	29	9.429 596	31	0.570 404	9.984 840	2	949	
052	9.414 465	28	9.429 627	30	0.570 373	9.984 838	2	948	
053	9.414 493	28	9.429 657	30	0.570 343	9.984 836	2	947	
054	9.414 521	28	9.429 687	30	0.570 313	9.984 834	2	946	31
055	9.414 549	28	9.429 717	30	0.570 283	9.984 832	2	945	1 3.1
056	9.414 577	28	9.429 747	30	0.570 253	9.984 830	2	944	2 6.2
057	9.414 605	29	9.429 778	31	0.570 222	9.984 828	2	943	3 9.3
058	9.414 634	28	9.429 808	30	0.570 192	9.984 826	2	942	4 12.4
059	9.414 662	28	9.429 838	30	0.570 162	9.984 824	2	941	5 15.5
.060	9.414 690	28	9.429 868	30	0.570 132	9.984 822	2	.940	6 18.6
061	9.414 718	28	9.429 899	31	0.570 101	9.984 820	2	939	7 21.7
062	9.414 746	28	9.429 929	30	0.570 071	9.984 818	2	938	8 24.8
063	9.414 774	28	9.429 959	30	0.570 041	9.984 816	2	937	9 27.9
064	9.414 803	29	9.429 989	30	0.570 011	9.984 814	2	936	
065	9.414 831	28	9.430 019	30	0.569 981	9.984 811	3	935	30
066	9.414 859	28	9.430 050	31	0.569 950	9.984 809	2	934	1 3.0
067	9.414 887	28	9.430 080	30	0.569 920	9.984 807	2	933	2 6.0
068	9.414 915	28	9.430 110	30	0.569 890	9.984 805	2	932	3 9.0
069	9.414 943	28	9.430 140	30	0.569 860	9.984 803	2	931	4 12.0
.070	9.414 972	29	9.430 170	30	0.569 830	9.984 801	2	.930	5 15.0
071	9.415 000	28	9.430 201	31	0.569 799	9.984 799	2	929	6 18.0
072	9.415 028	28	9.430 231	30	0.569 769	9.984 797	2	928	7 21.0
073	9.415 056	28	9.430 261	30	0.569 739	9.984 795	2	927	8 24.0
074	9.415 084	28	9.430 291	30	0.569 709	9.984 793	2	926	9 27.0
075	9.415 112	28	9.430 321	30	0.569 679	9.984 791	2	925	
076	9.415 140	28	9.430 351	30	0.569 649	9.984 789	2	924	
077	9.415 169	29	9.430 382	31	0.569 618	9.984 787	2	923	29
078	9.415 197	28	9.430 412	30	0.569 588	9.984 785	2	922	1 2.9
079	9.415 225	28	9.430 442	30	0.569 558	9.984 783	2	921	2 5.8
.080	9.415 253	28	9.430 472	30	0.569 528	9.984 781	2	.920	3 8.7
081	9.415 281	28	9.430 502	30	0.569 498	9.984 779	2	919	4 11.6
082	9.415 309	28	9.430 533	31	0.569 467	9.984 777	2	918	5 14.5
083	9.415 337	28	9.430 563	30	0.569 437	9.984 775	2	917	6 17.4
084	9.415 366	29	9.430 593	30	0.569 407	9.984 773	2	916	7 20.3
085	9.415 394	28	9.430 623	30	0.569 377	9.984 771	2	915	8 23.2
086	9.415 422	28	9.430 653	30	0.569 347	9.984 769	2	914	9 26.1
087	9.415 450	28	9.430 683	30	0.569 317	9.984 767	2	913	
088	9.415 478	28	9.430 713	30	0.569 287	9.984 764	3	912	
089	9.415 506	28	9.430 744	31	0.569 256	9.984 762	2	911	28
.090	9.415 534	28	9.430 774	30	0.569 226	9.984 760	2	.910	1 2.8
091	9.415 562	28	9.430 804	30	0.569 196	9.984 758	2	909	2 5.6
092	9.415 590	28	9.430 834	30	0.569 166	9.984 756	2	908	3 8.4
093	9.415 619	29	9.430 864	30	0.569 136	9.984 754	2	907	4 11.2
094	9.415 647	28	9.430 894	30	0.569 106	9.984 752	2	906	5 14.0
095	9.415 675	28	9.430 925	31	0.569 075	9.984 750	2	905	6 16.8
096	9.415 703	28	9.430 955	30	0.569 045	9.984 748	2	904	7 19.6
097	9.415 731	28	9.430 985	30	0.569 015	9.984 746	2	903	8 22.4
098	9.415 759	28	9.431 015	30	0.568 985	9.984 744	2	902	9 25.2
099	9.415 787	28	9.431 045	30	0.568 955	9.984 742	2	901	
.100	9.415 815	28	9.431 075	30	0.568 925	9.984 740	2	.900	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

15°.100 — 15°.150

15°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.415 815	28	9.431 075	30	0.568 925	9.984 740	2	.900	
101	9.415 843	28	9.431 105	30	0.568 895	9.984 738	2	899	
102	9.415 871	29	9.431 136	31	0.568 864	9.984 736	2	898	
103	9.415 900	28	9.431 166	30	0.568 834	9.984 734	2	897	
104	9.415 928	28	9.431 196	30	0.568 804	9.984 732	2	896	31
105	9.415 956	28	9.431 226	30	0.568 774	9.984 730	2	895	1 3.1
106	9.415 984	28	9.431 256	30	0.568 744	9.984 728	2	894	2 6.2
107	9.416 012	28	9.431 286	30	0.568 714	9.984 726	2	893	3 9.3
108	9.416 040	28	9.431 316	30	0.568 684	9.984 724	2	892	4 12.4
109	9.416 068	28	9.431 346	30	0.568 654	9.984 722	2	891	5 15.5
.110	9.416 096	28	9.431 377	31	0.568 623	9.984 720	2	.890	6 18.6
111	9.416 124	28	9.431 407	30	0.568 593	9.984 717	3	889	7 21.7
112	9.416 152	28	9.431 437	30	0.568 563	9.984 715	2	888	8 24.8
113	9.416 180	28	9.431 467	30	0.568 533	9.984 713	2	887	9 27.9
114	9.416 208	28	9.431 497	30	0.568 503	9.984 711	2	886	
115	9.416 236	28	9.431 527	30	0.568 473	9.984 709	2	885	
116	9.416 264	28	9.431 557	30	0.568 443	9.984 707	2	884	30
117	9.416 293	29	9.431 587	30	0.568 413	9.984 705	2	883	1 3.0
118	9.416 321	28	9.431 617	30	0.568 383	9.984 703	2	882	2 6.0
119	9.416 349	28	9.431 648	31	0.568 352	9.984 701	2	881	3 9.0
.120	9.416 377	28	9.431 678	30	0.568 322	9.984 699	2	.880	4 12.0
121	9.416 405	28	9.431 708	30	0.568 292	9.984 697	2	879	5 15.0
122	9.416 433	28	9.431 738	30	0.568 262	9.984 695	2	878	6 18.0
123	9.416 461	28	9.431 768	30	0.568 232	9.984 693	2	877	7 21.0
124	9.416 489	28	9.431 798	30	0.568 202	9.984 691	2	876	8 24.0
125	9.416 517	28	9.431 828	30	0.568 172	9.984 689	2	875	9 27.0
126	9.416 545	28	9.431 858	30	0.568 142	9.984 687	2	874	
127	9.416 573	28	9.431 888	30	0.568 112	9.984 685	2	873	29
128	9.416 601	28	9.431 918	30	0.568 082	9.984 683	2	872	1 2.9
129	9.416 629	28	9.431 949	31	0.568 051	9.984 681	2	871	2 5.8
.130	9.416 657	28	9.431 979	30	0.568 021	9.984 679	2	.870	3 8.7
131	9.416 685	28	9.432 009	30	0.567 991	9.984 676	3	869	4 11.6
132	9.416 713	28	9.432 039	30	0.567 961	9.984 674	2	868	5 14.5
133	9.416 741	28	9.432 069	30	0.567 931	9.984 672	2	867	6 17.4
134	9.416 769	28	9.432 099	30	0.567 901	9.984 670	2	866	7 20.3
135	9.416 797	28	9.432 129	30	0.567 871	9.984 668	2	865	8 23.2
136	9.416 825	28	9.432 159	30	0.567 841	9.984 666	2	864	9 26.1
137	9.416 853	28	9.432 189	30	0.567 811	9.984 664	2	863	
138	9.416 881	28	9.432 219	30	0.567 781	9.984 662	2	862	
139	9.416 909	28	9.432 249	30	0.567 751	9.984 660	2	861	28
.140	9.416 937	28	9.432 279	30	0.567 721	9.984 658	2	.860	1 2.8
141	9.416 965	28	9.432 309	30	0.567 691	9.984 656	2	859	2 5.6
142	9.416 993	28	9.432 339	30	0.567 661	9.984 654	2	858	3 8.4
143	9.417 021	28	9.432 370	31	0.567 630	9.984 652	2	857	4 11.2
144	9.417 049	28	9.432 400	30	0.567 600	9.984 650	2	856	5 14.0
145	9.417 077	28	9.432 430	30	0.567 570	9.984 648	2	855	6 16.8
146	9.417 105	28	9.432 460	30	0.567 540	9.984 646	2	854	7 19.6
147	9.417 133	28	9.432 490	30	0.567 510	9.984 644	2	853	8 22.4
148	9.417 161	28	9.432 520	30	0.567 480	9.984 642	2	852	9 25.2
149	9.417 189	28	9.432 550	30	0.567 450	9.984 640	2	851	
.150	9.417 217	28	9.432 580	30	0.567 420	9.984 638	2	.850	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.900 — 74°.850

15°.150 — 15°.200

15°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.417 217	28	9.432 580	30	0.567 420	9.984 638	3	.850	
151	9.417 245	28	9.432 610	30	0.567 390	9.984 635	2	849	
152	9.417 273	28	9.432 640	30	0.567 360	9.984 633	2	848	31
153	9.417 301	28	9.432 670	30	0.567 330	9.984 631	2	847	1 3.1
		28		30			2		2 6.2
154	9.417 329	28	9.432 700	30	0.567 300	9.984 629	2	846	3 9.3
155	9.417 357	28	9.432 730	30	0.567 270	9.984 627	2	845	4 12.4
156	9.417 385	28	9.432 760	30	0.567 240	9.984 625	2	844	5 15.5
		28		30			2		6 18.6
157	9.417 413	28	9.432 790	30	0.567 210	9.984 623	2	843	7 21.7
158	9.417 441	28	9.432 820	30	0.567 180	9.984 621	2	842	8 24.8
159	9.417 469	28	9.432 850	30	0.567 150	9.984 619	2	841	9 27.9
.160	9.417 497	28	9.432 880	30	0.567 120	9.984 617	2	.840	
		28		30			2		
161	9.417 525	28	9.432 910	30	0.567 090	9.984 615	2	839	30
162	9.417 553	28	9.432 940	30	0.567 060	9.984 613	2	838	
163	9.417 581	28	9.432 970	30	0.567 030	9.984 611	2	837	1 3.0
		28		30			2		2 6.0
164	9.417 609	28	9.433 000	30	0.567 000	9.984 609	2	836	3 9.0
165	9.417 637	28	9.433 030	30	0.566 970	9.984 607	2	835	4 12.0
166	9.417 665	28	9.433 060	30	0.566 940	9.984 605	2	834	5 15.0
		28		30			2		6 18.0
167	9.417 693	28	9.433 090	30	0.566 910	9.984 603	2	833	7 21.0
168	9.417 721	28	9.433 120	30	0.566 880	9.984 601	2	832	8 24.0
169	9.417 749	28	9.433 150	30	0.566 850	9.984 599	2	831	9 27.0
.170	9.417 777	28	9.433 180	30	0.566 820	9.984 596	3	.830	
		28		30			2		
171	9.417 805	28	9.433 210	31	0.566 790	9.984 594	2	829	29
172	9.417 833	28	9.433 241	30	0.566 759	9.984 592	2	828	
173	9.417 861	28	9.433 271	30	0.566 729	9.984 590	2	827	1 2.9
		28		30			2		2 5.8
174	9.417 889	28	9.433 301	30	0.566 699	9.984 588	2	826	3 8.7
175	9.417 917	28	9.433 331	30	0.566 669	9.984 586	2	825	4 11.6
176	9.417 945	28	9.433 361	30	0.566 639	9.984 584	2	824	5 14.5
		28		30			2		6 17.4
177	9.417 973	28	9.433 391	30	0.566 609	9.984 582	2	823	7 20.3
178	9.418 001	28	9.433 421	30	0.566 579	9.984 580	2	822	8 23.2
179	9.418 028	27	9.433 451	30	0.566 549	9.984 578	2	821	9 26.1
.180	9.418 056	28	9.433 481	30	0.566 519	9.984 576	2	.820	
		28		30			2		
181	9.418 084	28	9.433 511	29	0.566 489	9.984 574	2	819	28
182	9.418 112	28	9.433 540	30	0.566 460	9.984 572	2	818	1 2.8
183	9.418 140	28	9.433 570	30	0.566 430	9.984 570	2	817	2 5.6
		28		30			2		3 8.4
184	9.418 168	28	9.433 600	30	0.566 400	9.984 568	2	816	4 11.2
185	9.418 196	28	9.433 630	30	0.566 370	9.984 566	2	815	5 14.0
186	9.418 224	28	9.433 660	30	0.566 340	9.984 564	2	814	6 16.8
		28		30			3		7 19.6
187	9.418 252	28	9.433 690	30	0.566 310	9.984 561	2	813	8 22.4
188	9.418 280	28	9.433 720	30	0.566 280	9.984 559	2	812	9 25.2
189	9.418 308	28	9.433 750	30	0.566 250	9.984 557	2	811	
.190	9.418 336	28	9.433 780	30	0.566 220	9.984 555	2	.810	
		28		30			2		
191	9.418 364	28	9.433 810	30	0.566 190	9.984 553	2	809	27
192	9.418 392	27	9.433 840	30	0.566 160	9.984 551	2	808	1 2.7
193	9.418 419	28	9.433 870	30	0.566 130	9.984 549	2	807	2 5.4
		28		30			2		3 8.1
194	9.418 447	28	9.433 900	30	0.566 100	9.984 547	2	806	4 10.8
195	9.418 475	28	9.433 930	30	0.566 070	9.984 545	2	805	5 13.5
196	9.418 503	28	9.433 960	30	0.566 040	9.984 543	2	804	6 16.2
		28		30			2		7 18.9
197	9.418 531	28	9.433 990	30	0.566 010	9.984 541	2	803	8 21.6
198	9.418 559	28	9.434 020	30	0.565 980	9.984 539	2	802	9 24.3
199	9.418 587	28	9.434 050	30	0.565 950	9.984 537	2	801	
.200	9.418 615	28	9.434 080	30	0.565 920	9.984 535	2	.800	
		28		30			2		
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.850 — 74°.800

15°.200 — 15°.250

15°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.418 615	28	9.434 080	30	0.565 920	9.984 535	2	.800	
201	9.418 643	28	9.434 110	30	0.565 890	9.984 533	2	799	
202	9.418 671	27	9.434 140	30	0.565 860	9.984 531	2	798	
203	9.418 698	28	9.434 170	30	0.565 830	9.984 529	2	797	
204	9.418 726	28	9.434 200	30	0.565 800	9.984 526	3	796	30
205	9.418 754	28	9.434 230	30	0.565 770	9.984 524	2	795	1 3.0
206	9.418 782	28	9.434 260	30	0.565 740	9.984 522	2	794	2 6.0
207	9.418 810	28	9.434 290	30	0.565 710	9.984 520	2	793	3 9.0
208	9.418 838	28	9.434 320	30	0.565 680	9.984 518	2	792	4 12.0
209	9.418 866	28	9.434 350	30	0.565 650	9.984 516	2	791	5 15.0
.210	9.418 894	28	9.434 380	30	0.565 620	9.984 514	2	.790	6 18.0
211	9.418 922	28	9.434 409	29	0.565 591	9.984 512	2	789	7 21.0
212	9.418 949	27	9.434 439	30	0.565 561	9.984 510	2	788	8 24.0
213	9.418 977	28	9.434 469	30	0.565 531	9.984 508	2	787	9 27.0
214	9.419 005	28	9.434 499	30	0.565 501	9.984 506	2	786	
215	9.419 033	28	9.434 529	30	0.565 471	9.984 504	2	785	
216	9.419 061	28	9.434 559	30	0.565 441	9.984 502	2	784	29
217	9.419 089	28	9.434 589	30	0.565 411	9.984 500	2	783	1 2.9
218	9.419 117	28	9.434 619	30	0.565 381	9.984 498	2	782	2 5.8
219	9.419 144	27	9.434 649	30	0.565 351	9.984 496	2	781	3 8.7
.220	9.419 172	28	9.434 679	30	0.565 321	9.984 494	2	.780	4 11.6
221	9.419 200	28	9.434 709	30	0.565 291	9.984 491	3	779	5 14.5
222	9.419 228	28	9.434 739	30	0.565 261	9.984 489	2	778	6 17.4
223	9.419 256	28	9.434 769	30	0.565 231	9.984 487	2	777	7 20.3
224	9.419 284	28	9.434 799	30	0.565 201	9.984 485	2	776	8 23.2
225	9.419 312	28	9.434 828	29	0.565 172	9.984 483	2	775	9 26.1
226	9.419 339	27	9.434 858	30	0.565 142	9.984 481	2	774	
227	9.419 367	28	9.434 888	30	0.565 112	9.984 479	2	773	
228	9.419 395	28	9.434 918	30	0.565 082	9.984 477	2	772	28
229	9.419 423	28	9.434 948	30	0.565 052	9.984 475	2	771	1 2.8
.230	9.419 451	28	9.434 978	30	0.565 022	9.984 473	2	.770	2 5.6
231	9.419 479	28	9.435 008	30	0.564 992	9.984 471	2	769	3 8.4
232	9.419 507	27	9.435 038	30	0.564 962	9.984 469	2	768	4 11.2
233	9.419 534	28	9.435 068	30	0.564 932	9.984 467	2	767	5 14.0
234	9.419 562	28	9.435 098	30	0.564 902	9.984 465	2	766	6 16.8
235	9.419 590	28	9.435 127	29	0.564 873	9.984 463	2	765	7 19.6
236	9.419 618	28	9.435 157	30	0.564 843	9.984 461	2	764	8 22.4
237	9.419 646	28	9.435 187	30	0.564 813	9.984 458	3	763	9 25.2
238	9.419 674	28	9.435 217	30	0.564 783	9.984 456	2	762	
239	9.419 701	27	9.435 247	30	0.564 753	9.984 454	2	761	
.240	9.419 729	28	9.435 277	30	0.564 723	9.984 452	2	.760	27
241	9.419 757	28	9.435 307	30	0.564 693	9.984 450	2	759	1 2.7
242	9.419 785	28	9.435 337	30	0.564 663	9.984 448	2	758	2 5.4
243	9.419 813	28	9.435 367	30	0.564 633	9.984 446	2	757	3 8.1
244	9.419 840	27	9.435 396	29	0.564 604	9.984 444	2	756	4 10.8
245	9.419 868	28	9.435 426	30	0.564 574	9.984 442	2	755	5 13.5
246	9.419 896	28	9.435 456	30	0.564 544	9.984 440	2	754	6 16.2
247	9.419 924	28	9.435 486	30	0.564 514	9.984 438	2	753	7 18.9
248	9.419 952	28	9.435 516	30	0.564 484	9.984 436	2	752	8 21.6
249	9.419 979	27	9.435 546	30	0.564 454	9.984 434	2	751	9 24.3
.250	9.420 007	28	9.435 576	30	0.564 424	9.984 432	2	.750	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

15°.250 — 15°.300

15°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.420 007	28	9.435 576	30	0.564 424	9.984 432	2	.750	
251	9.420 035	28	9.435 606	30	0.564 394	9.984 430	2	749	
252	9.420 063	28	9.435 635	29	0.564 365	9.984 427	3	748	
253	9.420 091	28	9.435 665	30	0.564 335	9.984 425	2	747	
		27		30			2		30
254	9.420 118	27	9.435 695	30	0.564 305	9.984 423	2	746	
255	9.420 146	28	9.435 725	30	0.564 275	9.984 421	2	745	1 3.0
256	9.420 174	28	9.435 755	30	0.564 245	9.984 419	2	744	2 6.0
		28		30			2		3 9.0
257	9.420 202	28	9.435 785	30	0.564 215	9.984 417	2	743	4 12.0
258	9.420 230	28	9.435 815	30	0.564 185	9.984 415	2	742	5 15.0
259	9.420 257	27	9.435 844	29	0.564 156	9.984 413	2	741	6 18.0
		28		30			2		7 21.0
.260	9.420 285	28	9.435 874	30	0.564 126	9.984 411	2	.740	8 24.0
		28		30			2		9 27.0
261	9.420 313	28	9.435 904	30	0.564 096	9.984 409	2	739	
262	9.420 341	28	9.435 934	30	0.564 066	9.984 407	2	738	
263	9.420 369	28	9.435 964	30	0.564 036	9.984 405	2	737	
		27		30			2		
264	9.420 396	27	9.435 994	30	0.564 006	9.984 403	2	736	
265	9.420 424	28	9.436 024	30	0.563 976	9.984 401	2	735	
266	9.420 452	28	9.436 053	29	0.563 947	9.984 399	2	734	29
		28		30			3		1 2.9
267	9.420 480	28	9.436 083	30	0.563 917	9.984 396	2	733	2 5.8
268	9.420 507	27	9.436 113	30	0.563 887	9.984 394	2	732	3 8.7
269	9.420 535	28	9.436 143	30	0.563 857	9.984 392	2	731	4 11.6
		28		30			2		5 14.5
.270	9.420 563	28	9.436 173	30	0.563 827	9.984 390	2	.730	6 17.4
		28		30			2		7 20.3
271	9.420 591	27	9.436 203	29	0.563 797	9.984 388	2	729	8 23.2
272	9.420 618	28	9.436 232	30	0.563 768	9.984 386	2	728	9 26.1
273	9.420 646	28	9.436 262	30	0.563 738	9.984 384	2	727	
		28		30			2		
274	9.420 674	28	9.436 292	30	0.563 708	9.984 382	2	726	
275	9.420 702	28	9.436 322	30	0.563 678	9.984 380	2	725	
276	9.420 730	28	9.436 352	30	0.563 648	9.984 378	2	724	
		27		30			2		
277	9.420 757	27	9.436 382	30	0.563 618	9.984 376	2	723	28
278	9.420 785	28	9.436 411	29	0.563 589	9.984 374	2	722	1 2.8
279	9.420 813	28	9.436 441	30	0.563 559	9.984 372	2	721	2 5.6
		28		30			2		3 8.4
.280	9.420 841	28	9.436 471	30	0.563 529	9.984 370	2	.720	4 11.2
		27		30			3		5 14.0
281	9.420 868	28	9.436 501	30	0.563 499	9.984 367	2	719	6 16.8
282	9.420 896	28	9.436 531	30	0.563 469	9.984 365	2	718	7 19.6
283	9.420 924	28	9.436 560	29	0.563 440	9.984 363	2	717	8 22.4
		27		30			2		9 25.2
284	9.420 951	27	9.436 590	30	0.563 410	9.984 361	2	716	
285	9.420 979	28	9.436 620	30	0.563 380	9.984 359	2	715	
286	9.421 007	28	9.436 650	30	0.563 350	9.984 357	2	714	
		28		30			2		
287	9.421 035	28	9.436 680	30	0.563 320	9.984 355	2	713	
288	9.421 062	27	9.436 709	29	0.563 291	9.984 353	2	712	
289	9.421 090	28	9.436 739	30	0.563 261	9.984 351	2	711	
		28		30			2		27
.290	9.421 118	28	9.436 769	30	0.563 231	9.984 349	2	.710	1 2.7
		28		30			2		2 5.4
291	9.421 146	27	9.436 799	30	0.563 201	9.984 347	2	709	3 8.1
292	9.421 173	27	9.436 829	30	0.563 171	9.984 345	2	708	4 10.8
293	9.421 201	28	9.436 858	29	0.563 142	9.984 343	2	707	5 13.5
		28		30			2		6 16.2
294	9.421 229	28	9.436 888	30	0.563 112	9.984 341	2	706	7 18.9
295	9.421 256	27	9.436 918	30	0.563 082	9.984 338	3	705	8 21.6
296	9.421 284	28	9.436 948	30	0.563 052	9.984 336	2	704	9 24.3
		28		30			2		
297	9.421 312	28	9.436 978	30	0.563 022	9.984 334	2	703	
298	9.421 340	28	9.437 007	29	0.562 993	9.984 332	2	702	
299	9.421 367	27	9.437 037	30	0.562 963	9.984 330	2	701	
		28		30			2		
.300	9.421 395	28	9.437 067	30	0.562 933	9.984 328	2	.700	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.750 — 74°.700

15°.300 — 15°.350

15°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.421 395	28	9.437 067	30	0.562 933	9.984 328	2	.700	
301	9.421 423	27	9.437 097	30	0.562 903	9.984 326	2	699	
302	9.421 450	28	9.437 127	30	0.562 873	9.984 324	2	698	
303	9.421 478	28	9.437 156	29	0.562 844	9.984 322	2	697	
304	9.421 506	28	9.437 186	30	0.562 814	9.984 320	2	696	30
305	9.421 534	28	9.437 216	30	0.562 784	9.984 318	2	695	1 3.0
306	9.421 561	27	9.437 246	30	0.562 754	9.984 316	2	694	2 6.0
307	9.421 589	28	9.437 275	29	0.562 725	9.984 314	2	693	3 9.0
308	9.421 617	28	9.437 305	30	0.562 695	9.984 311	3	692	4 12.0
309	9.421 644	27	9.437 335	30	0.562 665	9.984 309	2	691	5 15.0
.310	9.421 672	28	9.437 365	30	0.562 635	9.984 307	2	.690	6 18.0
311	9.421 700	28	9.437 394	29	0.562 606	9.984 305	2	689	7 21.0
312	9.421 727	27	9.437 424	30	0.562 576	9.984 303	2	688	8 24.0
313	9.421 755	28	9.437 454	30	0.562 546	9.984 301	2	687	9 27.0
314	9.421 783	28	9.437 484	30	0.562 516	9.984 299	2	686	
315	9.421 810	27	9.437 513	29	0.562 487	9.984 297	2	685	
316	9.421 838	28	9.437 543	30	0.562 457	9.984 295	2	684	29
317	9.421 866	28	9.437 573	30	0.562 427	9.984 293	2	683	1 2.9
318	9.421 893	27	9.437 603	30	0.562 397	9.984 291	2	682	2 5.8
319	9.421 921	28	9.437 632	29	0.562 368	9.984 289	2	681	3 8.7
.320	9.421 949	28	9.437 662	30	0.562 338	9.984 287	2	.680	4 11.6
321	9.421 976	27	9.437 692	30	0.562 308	9.984 285	2	679	5 14.5
322	9.422 004	28	9.437 722	30	0.562 278	9.984 282	3	678	6 17.4
323	9.422 032	28	9.437 751	29	0.562 249	9.984 280	2	677	7 20.3
324	9.422 059	27	9.437 781	30	0.562 219	9.984 278	2	676	8 23.2
325	9.422 087	28	9.437 811	30	0.562 189	9.984 276	2	675	9 26.1
326	9.422 115	28	9.437 841	30	0.562 159	9.984 274	2	674	
327	9.422 142	27	9.437 870	29	0.562 130	9.984 272	2	673	
328	9.422 170	28	9.437 900	30	0.562 100	9.984 270	2	672	28
329	9.422 198	28	9.437 930	30	0.562 070	9.984 268	2	671	1 2.8
.330	9.422 225	27	9.437 960	30	0.562 040	9.984 266	2	.670	2 5.6
331	9.422 253	28	9.437 989	29	0.562 011	9.984 264	2	669	3 8.4
332	9.422 281	28	9.438 019	30	0.561 981	9.984 262	2	668	4 11.2
333	9.422 308	27	9.438 049	30	0.561 951	9.984 260	2	667	5 14.0
334	9.422 336	28	9.438 078	29	0.561 922	9.984 258	2	666	6 16.8
335	9.422 364	28	9.438 108	30	0.561 892	9.984 255	3	665	7 19.6
336	9.422 391	27	9.438 138	30	0.561 862	9.984 253	2	664	8 22.4
337	9.422 419	28	9.438 168	30	0.561 832	9.984 251	2	663	9 25.2
338	9.422 447	28	9.438 197	29	0.561 803	9.984 249	2	662	
339	9.422 474	27	9.438 227	30	0.561 773	9.984 247	2	661	
.340	9.422 502	28	9.438 257	30	0.561 743	9.984 245	2	.660	27
341	9.422 529	27	9.438 286	29	0.561 714	9.984 243	2	659	1 2.7
342	9.422 557	28	9.438 316	30	0.561 684	9.984 241	2	658	2 5.4
343	9.422 585	28	9.438 346	30	0.561 654	9.984 239	2	657	3 8.1
344	9.422 612	27	9.438 376	30	0.561 624	9.984 237	2	656	4 10.8
345	9.422 640	28	9.438 405	29	0.561 595	9.984 235	2	655	5 13.5
346	9.422 668	28	9.438 435	30	0.561 565	9.984 233	2	654	6 16.2
347	9.422 695	27	9.438 465	30	0.561 535	9.984 230	3	653	7 18.9
348	9.422 723	28	9.438 494	29	0.561 506	9.984 228	2	652	8 21.6
349	9.422 750	27	9.438 524	30	0.561 476	9.984 226	2	651	9 24.3
.350	9.422 778	28	9.438 554	30	0.561 446	9.984 224	2	.650	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.700 — 74°.650

15°.350 — 15°.400

15°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.422 778	28	9.438 554	29	0.561 446	9.984 224	2	.650	
351	9.422 806	27	9.438 583	30	0.561 417	9.984 222	2	649	
352	9.422 833	28	9.438 613	30	0.561 387	9.984 220	2	648	
353	9.422 861	28	9.438 643	30	0.561 357	9.984 218	2	647	
354	9.422 888	27	9.438 673	30	0.561 327	9.984 216	2	646	30
355	9.422 916	28	9.438 702	29	0.561 298	9.984 214	2	645	1 3.0
356	9.422 944	28	9.438 732	30	0.561 268	9.984 212	2	644	2 6.0
357	9.422 971	27	9.438 762	30	0.561 238	9.984 210	2	643	3 9.0
358	9.422 999	28	9.438 791	29	0.561 209	9.984 208	2	642	4 12.0
359	9.423 026	27	9.438 821	30	0.561 179	9.984 205	3	641	5 15.0
.360	9.423 054	28	9.438 851	30	0.561 149	9.984 203	2	.640	6 18.0
361	9.423 082	28	9.438 880	29	0.561 120	9.984 201	2	639	7 21.0
362	9.423 109	27	9.438 910	30	0.561 090	9.984 199	2	638	8 24.0
363	9.423 137	28	9.438 940	30	0.561 060	9.984 197	2	637	9 27.0
364	9.423 164	27	9.438 969	29	0.561 031	9.984 195	2	636	
365	9.423 192	28	9.438 999	30	0.561 001	9.984 193	2	635	29
366	9.423 220	28	9.439 029	30	0.560 971	9.984 191	2	634	
367	9.423 247	27	9.439 058	29	0.560 942	9.984 189	2	633	1 2.9
368	9.423 275	28	9.439 088	30	0.560 912	9.984 187	2	632	2 5.8
369	9.423 302	27	9.439 118	30	0.560 882	9.984 185	2	631	3 8.7
.370	9.423 330	28	9.439 147	29	0.560 853	9.984 183	2	.630	4 11.6
371	9.423 357	27	9.439 177	30	0.560 823	9.984 181	2	629	5 14.5
372	9.423 385	28	9.439 207	30	0.560 793	9.984 178	3	628	6 17.4
373	9.423 413	28	9.439 236	29	0.560 764	9.984 176	2	627	7 20.3
374	9.423 440	27	9.439 266	30	0.560 734	9.984 174	2	626	8 23.2
375	9.423 468	28	9.439 296	30	0.560 704	9.984 172	2	625	9 26.1
376	9.423 495	27	9.439 325	29	0.560 675	9.984 170	2	624	
377	9.423 523	28	9.439 355	30	0.560 645	9.984 168	2	623	28
378	9.423 550	27	9.439 385	30	0.560 615	9.984 166	2	622	
379	9.423 578	28	9.439 414	29	0.560 586	9.984 164	2	621	1 2.8
.380	9.423 606	28	9.439 444	30	0.560 556	9.984 162	2	.620	2 5.6
381	9.423 633	27	9.439 473	29	0.560 527	9.984 160	2	619	3 8.4
382	9.423 661	28	9.439 503	30	0.560 497	9.984 158	2	618	4 11.2
383	9.423 688	27	9.439 533	30	0.560 467	9.984 155	3	617	5 14.0
384	9.423 716	28	9.439 562	29	0.560 438	9.984 153	2	616	6 16.8
385	9.423 743	27	9.439 592	30	0.560 408	9.984 151	2	615	7 19.6
386	9.423 771	28	9.439 622	30	0.560 378	9.984 149	2	614	8 22.4
387	9.423 798	27	9.439 651	29	0.560 349	9.984 147	2	613	9 25.2
388	9.423 826	28	9.439 681	30	0.560 319	9.984 145	2	612	
389	9.423 853	27	9.439 711	30	0.560 289	9.984 143	2	611	27
.390	9.423 881	28	9.439 740	29	0.560 260	9.984 141	2	.610	
391	9.423 909	28	9.439 770	30	0.560 230	9.984 139	2	609	1 2.7
392	9.423 936	27	9.439 799	29	0.560 201	9.984 137	2	608	2 5.4
393	9.423 964	28	9.439 829	30	0.560 171	9.984 135	2	607	3 8.1
394	9.423 991	27	9.439 859	30	0.560 141	9.984 133	2	606	4 10.8
395	9.424 019	28	9.439 888	29	0.560 112	9.984 130	3	605	5 13.5
396	9.424 046	27	9.439 918	30	0.560 082	9.984 128	2	604	6 16.2
397	9.424 074	28	9.439 947	29	0.560 053	9.984 126	2	603	7 18.9
398	9.424 101	27	9.439 977	30	0.560 023	9.984 124	2	602	8 21.6
399	9.424 129	28	9.440 007	30	0.559 993	9.984 122	2	601	9 24.3
.400	9.424 156	27	9.440 036	29	0.559 964	9.984 120	2	.600	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.650 — 74°.600

15°.400 — 15°.450

15°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.424 156	28	9.440 036	30	0.559 964	9.984 120	2	.600	
401	9.424 184	27	9.440 066	30	0.559 934	9.984 118	2	599	
402	9.424 211	28	9.440 096	30	0.559 904	9.984 116	2	598	
403	9.424 239	27	9.440 125	29	0.559 875	9.984 114	2	597	
404	9.424 266	27	9.440 155	30	0.559 845	9.984 112	2	596	30
405	9.424 294	28	9.440 184	29	0.559 816	9.984 110	2	595	1 3.0
406	9.424 321	27	9.440 214	30	0.559 786	9.984 107	3	594	2 6.0
407	9.424 349	28	9.440 244	30	0.559 756	9.984 105	2	593	3 9.0
408	9.424 376	27	9.440 273	29	0.559 727	9.984 103	2	592	4 12.0
409	9.424 404	28	9.440 303	30	0.559 697	9.984 101	2	591	5 15.0
.410	9.424 431	27	9.440 332	29	0.559 668	9.984 099	2	.590	6 18.0
411	9.424 459	28	9.440 362	30	0.559 638	9.984 097	2	589	7 21.0
412	9.424 486	27	9.440 391	29	0.559 609	9.984 095	2	588	8 24.0
413	9.424 514	28	9.440 421	30	0.559 579	9.984 093	2	587	9 27.0
414	9.424 541	27	9.440 451	30	0.559 549	9.984 091	2	586	
415	9.424 569	28	9.440 480	29	0.559 520	9.984 089	2	585	29
416	9.424 596	27	9.440 510	30	0.559 490	9.984 087	2	584	
417	9.424 624	28	9.440 539	29	0.559 461	9.984 084	3	583	1 2.9
418	9.424 651	27	9.440 569	30	0.559 431	9.984 082	2	582	2 5.8
419	9.424 679	28	9.440 599	30	0.559 401	9.984 080	2	581	3 8.7
.420	9.424 706	27	9.440 628	29	0.559 372	9.984 078	2	.580	4 11.6
421	9.424 734	28	9.440 658	30	0.559 342	9.984 076	2	579	5 14.5
422	9.424 761	27	9.440 687	29	0.559 313	9.984 074	2	578	6 17.4
423	9.424 789	28	9.440 717	30	0.559 283	9.984 072	2	577	7 20.3
424	9.424 816	27	9.440 746	29	0.559 254	9.984 070	2	576	8 23.2
425	9.424 844	28	9.440 776	30	0.559 224	9.984 068	2	575	9 26.1
426	9.424 871	27	9.440 805	29	0.559 195	9.984 066	2	574	
427	9.424 899	28	9.440 835	30	0.559 165	9.984 064	2	573	28
428	9.424 926	27	9.440 865	30	0.559 135	9.984 061	3	572	
429	9.424 954	28	9.440 894	29	0.559 106	9.984 059	2	571	1 2.8
.430	9.424 981	27	9.440 924	30	0.559 076	9.984 057	2	.570	2 5.6
431	9.425 008	28	9.440 953	29	0.559 047	9.984 055	2	569	3 8.4
432	9.425 036	27	9.440 983	30	0.559 017	9.984 053	2	568	4 11.2
433	9.425 063	28	9.441 012	29	0.558 988	9.984 051	2	567	5 14.0
434	9.425 091	27	9.441 042	30	0.558 958	9.984 049	2	566	6 16.8
435	9.425 118	28	9.441 071	29	0.558 929	9.984 047	2	565	7 19.6
436	9.425 146	27	9.441 101	30	0.558 899	9.984 045	2	564	8 22.4
437	9.425 173	28	9.441 131	30	0.558 869	9.984 043	2	563	9 25.2
438	9.425 201	27	9.441 160	29	0.558 840	9.984 041	2	562	
439	9.425 228	28	9.441 190	30	0.558 810	9.984 038	3	561	27
.440	9.425 256	27	9.441 219	29	0.558 781	9.984 036	2	.560	
441	9.425 283	28	9.441 249	30	0.558 751	9.984 034	2	559	1 2.7
442	9.425 310	27	9.441 278	29	0.558 722	9.984 032	2	558	2 5.4
443	9.425 338	28	9.441 308	30	0.558 692	9.984 030	2	557	3 8.1
444	9.425 365	27	9.441 337	29	0.558 663	9.984 028	2	556	4 10.8
445	9.425 393	28	9.441 367	30	0.558 633	9.984 026	2	555	5 13.5
446	9.425 420	27	9.441 396	29	0.558 604	9.984 024	2	554	6 16.2
447	9.425 448	28	9.441 426	30	0.558 574	9.984 022	2	553	7 18.9
448	9.425 475	27	9.441 455	29	0.558 545	9.984 020	2	552	8 21.6
449	9.425 502	28	9.441 485	30	0.558 515	9.984 018	2	551	9 24.3
.450	9.425 530	27	9.441 514	29	0.558 486	9.984 015	3	.550	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.600 — 74°.550

15°.450 — 15°.500

15°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.425 530		9.441 514		0.558 486	9.984 015		.550	
451	9.425 557	27	9.441 544	30	0.558 456	9.984 013	2	549	
452	9.425 585	28	9.441 573	29	0.558 427	9.984 011	2	548	
453	9.425 612	27	9.441 603	30	0.558 397	9.984 009	2	547	
		28		30			2		30
454	9.425 640		9.441 633	30	0.558 367	9.984 007	2	546	
455	9.425 667	27	9.441 662	29	0.558 338	9.984 005	2	545	1 3.0
456	9.425 694	27	9.441 692	30	0.558 308	9.984 003	2	544	2 6.0
		28		29			2		3 9.0
457	9.425 722		9.441 721	30	0.558 279	9.984 001	2	543	4 12.0
458	9.425 749	27	9.441 751	30	0.558 249	9.983 999	2	542	5 15.0
459	9.425 777	28	9.441 780	29	0.558 220	9.983 997	2	541	6 18.0
		27		30			3		7 21.0
.460	9.425 804		9.441 810		0.558 190	9.983 994		.540	8 24.0
		27		29			2		9 27.0
461	9.425 831	28	9.441 839	30	0.558 161	9.983 992	2	539	
462	9.425 859	27	9.441 869	30	0.558 131	9.983 990	2	538	
463	9.425 886	27	9.441 898	29	0.558 102	9.983 988	2	537	
		28		30			2		
464	9.425 914		9.441 928	30	0.558 072	9.983 986	2	536	
465	9.425 941	27	9.441 957	29	0.558 043	9.983 984	2	535	
466	9.425 968	27	9.441 987	30	0.558 013	9.983 982	2	534	29
		28		29			2		1 2.9
467	9.425 996		9.442 016	30	0.557 984	9.983 980	2	533	2 5.8
468	9.426 023	27	9.442 046	30	0.557 954	9.983 978	2	532	3 8.7
469	9.426 051	28	9.442 075	29	0.557 925	9.983 976	2	531	4 11.6
		27		30			2		5 14.5
.470	9.426 078		9.442 105		0.557 895	9.983 974		.530	6 17.4
		27		29			3		7 20.3
471	9.426 105	28	9.442 134	29	0.557 866	9.983 971	2	529	8 23.2
472	9.426 133	27	9.442 163	30	0.557 837	9.983 969	2	528	9 26.1
473	9.426 160	27	9.442 193	30	0.557 807	9.983 967	2	527	
		28		29			2		
474	9.426 188		9.442 222	30	0.557 778	9.983 965	2	526	
475	9.426 215	27	9.442 252	30	0.557 748	9.983 963	2	525	
476	9.426 242	27	9.442 281	29	0.557 719	9.983 961	2	524	
		28		30			2		
477	9.426 270		9.442 311	30	0.557 689	9.983 959	2	523	28
478	9.426 297	27	9.442 340	29	0.557 660	9.983 957	2	522	1 2.8
479	9.426 324	27	9.442 370	30	0.557 630	9.983 955	2	521	2 5.6
		28		29			2		3 8.4
.480	9.426 352		9.442 399		0.557 601	9.983 953		.520	4 11.2
		27		30			3		5 14.0
481	9.426 379	28	9.442 429	29	0.557 571	9.983 950	2	519	6 16.8
482	9.426 407	27	9.442 458	30	0.557 542	9.983 948	2	518	7 19.6
483	9.426 434	27	9.442 488	30	0.557 512	9.983 946	2	517	8 22.4
		27		29			2		9 25.2
484	9.426 461		9.442 517	30	0.557 483	9.983 944	2	516	
485	9.426 489	28	9.442 547	30	0.557 453	9.983 942	2	515	
486	9.426 516	27	9.442 576	29	0.557 424	9.983 940	2	514	
		27		30			2		
487	9.426 543		9.442 606	30	0.557 394	9.983 938	2	513	
488	9.426 571	28	9.442 635	29	0.557 365	9.983 936	2	512	
489	9.426 598	27	9.442 664	29	0.557 336	9.983 934	2	511	
		27		30			2		27
.490	9.426 625		9.442 694		0.557 306	9.983 932		.510	1 2.7
		28		29			3		2 5.4
491	9.426 653	27	9.442 723	30	0.557 277	9.983 929	2	509	3 8.1
492	9.426 680	27	9.442 753	30	0.557 247	9.983 927	2	508	4 10.8
493	9.426 707	27	9.442 782	29	0.557 218	9.983 925	2	507	5 13.5
		28		30			2		6 16.2
494	9.426 735		9.442 812	30	0.557 188	9.983 923	2	506	7 18.9
495	9.426 762	27	9.442 841	29	0.557 159	9.983 921	2	505	8 21.6
496	9.426 789	27	9.442 871	30	0.557 129	9.983 919	2	504	9 24.3
		28		29			2		
497	9.426 817		9.442 900	29	0.557 100	9.983 917	2	503	
498	9.426 844	27	9.442 929	29	0.557 071	9.983 915	2	502	
499	9.426 871	27	9.442 959	30	0.557 041	9.983 913	2	501	
		28		29			2		
.500	9.426 899		9.442 988		0.557 012	9.983 911		.500	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.550 — 74°.500

15°.500 — 15°.550

15°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.426 899		9.442 988		0.557 012	9.983 911		.500	
501	9.426 926	27	9.443 018	30	0.556 982	9.983 908	3	499	
502	9.426 953	27	9.443 047	29	0.556 953	9.983 906	2	498	
503	9.426 981	28	9.443 077	30	0.556 923	9.983 904	2	497	
504	9.427 008	27	9.443 106	29	0.556 894	9.983 902	2	496	30
505	9.427 035	27	9.443 135	29	0.556 865	9.983 900	2	495	1 3.0
506	9.427 063	28	9.443 165	30	0.556 835	9.983 898	2	494	2 6.0
507	9.427 090	27	9.443 194	29	0.556 806	9.983 896	2	493	3 9.0
508	9.427 117	27	9.443 224	30	0.556 776	9.983 894	2	492	4 12.0
509	9.427 145	28	9.443 253	29	0.556 747	9.983 892	2	491	5 15.0
.510	9.427 172	27	9.443 283	30	0.556 717	9.983 889	3	.490	6 18.0
511	9.427 199	27	9.443 312	29	0.556 688	9.983 887	2	489	7 21.0
512	9.427 227	28	9.443 341	29	0.556 659	9.983 885	2	488	8 24.0
513	9.427 254	27	9.443 371	30	0.556 629	9.983 883	2	487	9 27.0
514	9.427 281	27	9.443 400	29	0.556 600	9.983 881	2	486	
515	9.427 309	28	9.443 430	30	0.556 570	9.983 879	2	485	29
516	9.427 336	27	9.443 459	29	0.556 541	9.983 877	2	484	
517	9.427 363	27	9.443 488	29	0.556 512	9.983 875	2	483	1 2.9
518	9.427 391	28	9.443 518	30	0.556 482	9.983 873	2	482	2 5.8
519	9.427 418	27	9.443 547	29	0.556 453	9.983 871	2	481	3 8.7
.520	9.427 445	27	9.443 577	30	0.556 423	9.983 868	3	.480	4 11.6
521	9.427 472	27	9.443 606	29	0.556 394	9.983 866	2	479	5 14.5
522	9.427 500	28	9.443 635	29	0.556 365	9.983 864	2	478	6 17.4
523	9.427 527	27	9.443 665	30	0.556 335	9.983 862	2	477	7 20.3
524	9.427 554	27	9.443 694	29	0.556 306	9.983 860	2	476	8 23.2
525	9.427 582	28	9.443 724	30	0.556 276	9.983 858	2	475	9 26.1
526	9.427 609	27	9.443 753	29	0.556 247	9.983 856	2	474	
527	9.427 636	27	9.443 782	29	0.556 218	9.983 854	2	473	28
528	9.427 663	27	9.443 812	30	0.556 188	9.983 852	2	472	
529	9.427 691	28	9.443 841	29	0.556 159	9.983 849	3	471	1 2.8
.530	9.427 718	27	9.443 871	30	0.556 129	9.983 847	2	.470	2 5.6
531	9.427 745	27	9.443 900	29	0.556 100	9.983 845	2	469	3 8.4
532	9.427 773	28	9.443 929	29	0.556 071	9.983 843	2	468	4 11.2
533	9.427 800	27	9.443 959	30	0.556 041	9.983 841	2	467	5 14.0
534	9.427 827	27	9.443 988	29	0.556 012	9.983 839	2	466	6 16.8
535	9.427 854	27	9.444 017	29	0.555 983	9.983 837	2	465	7 19.6
536	9.427 882	28	9.444 047	30	0.555 953	9.983 835	2	464	8 22.4
537	9.427 909	27	9.444 076	29	0.555 924	9.983 833	2	463	9 25.2
538	9.427 936	27	9.444 106	30	0.555 894	9.983 831	2	462	
539	9.427 963	27	9.444 135	29	0.555 865	9.983 828	3	461	
.540	9.427 991	28	9.444 164	29	0.555 836	9.983 826	2	.460	27
541	9.428 018	27	9.444 194	30	0.555 806	9.983 824	2	459	1 2.7
542	9.428 045	27	9.444 223	29	0.555 777	9.983 822	2	458	2 5.4
543	9.428 072	27	9.444 252	29	0.555 748	9.983 820	2	457	3 8.1
544	9.428 100	28	9.444 282	30	0.555 718	9.983 818	2	456	4 10.8
545	9.428 127	27	9.444 311	29	0.555 689	9.983 816	2	455	5 13.5
546	9.428 154	27	9.444 340	29	0.555 660	9.983 814	2	454	6 16.2
547	9.428 181	27	9.444 370	30	0.555 630	9.983 812	2	453	7 18.9
548	9.428 209	28	9.444 399	29	0.555 601	9.983 809	3	452	8 21.6
549	9.428 236	27	9.444 429	30	0.555 571	9.983 807	2	451	9 24.3
.550	9.428 263	27	9.444 458	29	0.555 542	9.983 805	2	.450	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.500 — 74°.450

15°.550 — 15°.600

15°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.428 263		9.444 458		0.555 542	9.983 805		.450	
551	9.428 290	27	9.444 487	29	0.555 513	9.983 803	2	449	
552	9.428 318	28	9.444 517	30	0.555 483	9.983 801	2	448	
553	9.428 345	27	9.444 546	29	0.555 454	9.983 799	2	447	
		27		29			2		30
554	9.428 372	27	9.444 575	29	0.555 425	9.983 797	2	446	
555	9.428 399	27	9.444 605	30	0.555 395	9.983 795	2	445	1 3.0
556	9.428 427	28	9.444 634	29	0.555 366	9.983 793	2	444	2 6.0
		27		29			3		3 9.0
557	9.428 454	27	9.444 663	29	0.555 337	9.983 790	2	443	4 12.0
558	9.428 481	27	9.444 693	30	0.555 307	9.983 788	2	442	5 15.0
559	9.428 508	27	9.444 722	29	0.555 278	9.983 786	2	441	6 18.0
		27		29			2		7 21.0
.560	9.428 535	28	9.444 751	30	0.555 249	9.983 784	2	.440	8 24.0
							2		9 27.0
561	9.428 563	27	9.444 781	29	0.555 219	9.983 782	2	439	
562	9.428 590	27	9.444 810	29	0.555 190	9.983 780	2	438	
563	9.428 617	27	9.444 839	29	0.555 161	9.983 778	2	437	
		27		30			2		29
564	9.428 644	27	9.444 869	30	0.555 131	9.983 776	2	436	
565	9.428 672	28	9.444 898	29	0.555 102	9.983 774	2	435	
566	9.428 699	27	9.444 927	29	0.555 073	9.983 771	3	434	
		27		30			2		1 2.9
567	9.428 726	27	9.444 957	29	0.555 043	9.983 769	2	433	2 5.8
568	9.428 753	27	9.444 986	29	0.555 014	9.983 767	2	432	3 8.7
569	9.428 780	27	9.445 015	29	0.554 985	9.983 765	2	431	4 11.6
		28		30			2		5 14.5
.570	9.428 808	27	9.445 045	29	0.554 955	9.983 763	2	.430	6 17.4
							2		7 20.3
571	9.428 835	27	9.445 074	29	0.554 926	9.983 761	2	429	8 23.2
572	9.428 862	27	9.445 103	29	0.554 897	9.983 759	2	428	9 26.1
573	9.428 889	27	9.445 132	29	0.554 868	9.983 757	2	427	
		27		30			2		
574	9.428 916	27	9.445 162	30	0.554 838	9.983 755	2	426	
575	9.428 944	28	9.445 191	29	0.554 809	9.983 752	3	425	
576	9.428 971	27	9.445 220	29	0.554 780	9.983 750	2	424	
		27		30			2		
577	9.428 998	27	9.445 250	30	0.554 750	9.983 748	2	423	28
578	9.429 025	27	9.445 279	29	0.554 721	9.983 746	2	422	
579	9.429 052	27	9.445 308	29	0.554 692	9.983 744	2	421	
		27		30			2		1 2.8
.580	9.429 079	28	9.445 338	29	0.554 662	9.983 742	2	.420	2 5.6
							2		3 8.4
581	9.429 107	27	9.445 367	29	0.554 633	9.983 740	2	419	4 11.2
582	9.429 134	27	9.445 396	29	0.554 604	9.983 738	2	418	5 14.0
583	9.429 161	27	9.445 425	29	0.554 575	9.983 736	2	417	6 16.8
		27		30			3		7 19.6
584	9.429 188	27	9.445 455	30	0.554 545	9.983 733	2	416	8 22.4
585	9.429 215	27	9.445 484	29	0.554 516	9.983 731	2	415	9 25.2
586	9.429 243	28	9.445 513	29	0.554 487	9.983 729	2	414	
		27		30			2		
587	9.429 270	27	9.445 543	30	0.554 457	9.983 727	2	413	
588	9.429 297	27	9.445 572	29	0.554 428	9.983 725	2	412	
589	9.429 324	27	9.445 601	29	0.554 399	9.983 723	2	411	
		27		29			2		27
.590	9.429 351	27	9.445 630	29	0.554 370	9.983 721	2	.410	1 2.7
							2		2 5.4
591	9.429 378	27	9.445 660	30	0.554 340	9.983 719	2	409	3 8.1
592	9.429 406	28	9.445 689	29	0.554 311	9.983 717	2	408	4 10.8
593	9.429 433	27	9.445 718	29	0.554 282	9.983 714	3	407	5 13.5
		27		30			2		6 16.2
594	9.429 460	27	9.445 748	30	0.554 252	9.983 712	2	406	7 18.9
595	9.429 487	27	9.445 777	29	0.554 223	9.983 710	2	405	8 21.6
596	9.429 514	27	9.445 806	29	0.554 194	9.983 708	2	404	9 24.3
		27		29			2		
597	9.429 541	27	9.445 835	29	0.554 165	9.983 706	2	403	
598	9.429 569	28	9.445 865	30	0.554 135	9.983 704	2	402	
599	9.429 596	27	9.445 894	29	0.554 106	9.983 702	2	401	
		27		29			2		
.600	9.429 623	27	9.445 923	29	0.554 077	9.983 700	2	.400	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.450 — 74°.400

15°.600 — 15°.650

15°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.429 623		9.445 923		0.554 077	9.983 700		.400	
601	9.429 650	27	9.445 952	29	0.554 048	9.983 697	3	399	
602	9.429 677	27	9.445 982	30	0.554 018	9.983 695	2	398	
603	9.429 704	27	9.446 011	29	0.553 989	9.983 693	2	397	
604	9.429 731	27	9.446 040	29	0.553 960	9.983 691	2	396	30
605	9.429 759	28	9.446 070	30	0.553 930	9.983 689	2	395	1 3.0
606	9.429 786	27	9.446 099	29	0.553 901	9.983 687	2	394	2 6.0
607	9.429 813	27	9.446 128	29	0.553 872	9.983 685	2	393	3 9.0
608	9.429 840	27	9.446 157	29	0.553 843	9.983 683	2	392	4 12.0
609	9.429 867	27	9.446 187	30	0.553 813	9.983 681	2	391	5 15.0
.610	9.429 894	27	9.446 216	29	0.553 784	9.983 678	3	.390	6 18.0
		27		29			2		7 21.0
611	9.429 921	27	9.446 245	29	0.553 755	9.983 676	2	389	8 24.0
612	9.429 948	27	9.446 274	29	0.553 726	9.983 674	2	388	9 27.0
613	9.429 976	28	9.446 304	30	0.553 696	9.983 672	2	387	
614	9.430 003	27	9.446 333	29	0.553 667	9.983 670	2	386	
615	9.430 030	27	9.446 362	29	0.553 638	9.983 668	2	385	29
616	9.430 057	27	9.446 391	29	0.553 609	9.983 666	2	384	1 2.9
617	9.430 084	27	9.446 420	29	0.553 580	9.983 664	2	383	2 5.8
618	9.430 111	27	9.446 450	30	0.553 550	9.983 661	3	382	3 8.7
619	9.430 138	27	9.446 479	29	0.553 521	9.983 659	2	381	4 11.6
.620	9.430 165	27	9.446 508	29	0.553 492	9.983 657	2	.380	5 14.5
		28		29			2		6 17.4
621	9.430 193	27	9.446 537	30	0.553 463	9.983 655	2	379	7 20.3
622	9.430 220	27	9.446 567	29	0.553 433	9.983 653	2	378	8 23.2
623	9.430 247	27	9.446 596	29	0.553 404	9.983 651	2	377	9 26.1
624	9.430 274	27	9.446 625	29	0.553 375	9.983 649	2	376	
625	9.430 301	27	9.446 654	29	0.553 346	9.983 647	2	375	
626	9.430 328	27	9.446 684	30	0.553 316	9.983 645	2	374	
627	9.430 355	27	9.446 713	29	0.553 287	9.983 642	3	373	28
628	9.430 382	27	9.446 742	29	0.553 258	9.983 640	2	372	1 2.8
629	9.430 409	27	9.446 771	29	0.553 229	9.983 638	2	371	2 5.6
.630	9.430 436	27	9.446 800	29	0.553 200	9.983 636	2	.370	3 8.4
		28		30			2		4 11.2
631	9.430 464	27	9.446 830	29	0.553 170	9.983 634	2	369	5 14.0
632	9.430 491	27	9.446 859	29	0.553 141	9.983 632	2	368	6 16.8
633	9.430 518	27	9.446 888	29	0.553 112	9.983 630	2	367	7 19.6
634	9.430 545	27	9.446 917	29	0.553 083	9.983 628	2	366	8 22.4
635	9.430 572	27	9.446 946	29	0.553 054	9.983 625	3	365	9 25.2
636	9.430 599	27	9.446 976	30	0.553 024	9.983 623	2	364	
637	9.430 626	27	9.447 005	29	0.552 995	9.983 621	2	363	
638	9.430 653	27	9.447 034	29	0.552 966	9.983 619	2	362	
639	9.430 680	27	9.447 063	29	0.552 937	9.983 617	2	361	
.640	9.430 707	27	9.447 092	29	0.552 908	9.983 615	2	.360	27
		27		30			2		1 2.7
641	9.430 734	27	9.447 122	29	0.552 878	9.983 613	2	359	2 5.4
642	9.430 761	27	9.447 151	29	0.552 849	9.983 611	2	358	3 8.1
643	9.430 788	27	9.447 180	29	0.552 820	9.983 608	3	357	4 10.8
644	9.430 816	28	9.447 209	29	0.552 791	9.983 606	2	356	5 13.5
645	9.430 843	27	9.447 238	29	0.552 762	9.983 604	2	355	6 16.2
646	9.430 870	27	9.447 268	30	0.552 732	9.983 602	2	354	7 18.9
647	9.430 897	27	9.447 297	29	0.552 703	9.983 600	2	353	8 21.6
648	9.430 924	27	9.447 326	29	0.552 674	9.983 598	2	352	9 24.3
649	9.430 951	27	9.447 355	29	0.552 645	9.983 596	2	351	
.650	9.430 978	27	9.447 384	29	0.552 616	9.983 594	2	.350	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.400 — 74°.350

15°.650 — 15°.700

15°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.430 978		9.447 384		0.552 616	9.983 594		.350	
651	9.431 005	27	9.447 414	30	0.552 586	9.983 591	3	349	
652	9.431 032	27	9.447 443	29	0.552 557	9.983 589	2	348	
653	9.431 059	27	9.447 472	29	0.552 528	9.983 587	2	347	
654	9.431 086	27	9.447 501	29	0.552 499	9.983 585	2	346	30
655	9.431 113	27	9.447 530	29	0.552 470	9.983 583	2	345	1 3.0
656	9.431 140	27	9.447 559	29	0.552 441	9.983 581	2	344	2 6.0
657	9.431 167	27	9.447 589	30	0.552 411	9.983 579	2	343	3 9.0
658	9.431 194	27	9.447 618	29	0.552 382	9.983 577	2	342	4 12.0
659	9.431 221	27	9.447 647	29	0.552 353	9.983 574	3	341	5 15.0
.660	9.431 248	27	9.447 676	29	0.552 324	9.983 572	2	.340	6 18.0
661	9.431 275	27	9.447 705	29	0.552 295	9.983 570	2	339	7 21.0
662	9.431 302	27	9.447 734	29	0.552 266	9.983 568	2	338	8 24.0
663	9.431 330	28	9.447 764	30	0.552 236	9.983 566	2	337	9 27.0
664	9.431 357	27	9.447 793	29	0.552 207	9.983 564	2	336	
665	9.431 384	27	9.447 822	29	0.552 178	9.983 562	2	335	29
666	9.431 411	27	9.447 851	29	0.552 149	9.983 560	2	334	
667	9.431 438	27	9.447 880	29	0.552 120	9.983 557	3	333	1 2.9
668	9.431 465	27	9.447 909	29	0.552 091	9.983 555	2	332	2 5.8
669	9.431 492	27	9.447 938	29	0.552 062	9.983 553	2	331	3 8.7
.670	9.431 519	27	9.447 968	30	0.552 032	9.983 551	2	.330	4 11.6
671	9.431 546	27	9.447 997	29	0.552 003	9.983 549	2	329	5 14.5
672	9.431 573	27	9.448 026	29	0.551 974	9.983 547	2	328	6 17.4
673	9.431 600	27	9.448 055	29	0.551 945	9.983 545	2	327	7 20.3
674	9.431 627	27	9.448 084	29	0.551 916	9.983 543	2	326	8 23.2
675	9.431 654	27	9.448 113	29	0.551 887	9.983 540	2	325	9 26.1
676	9.431 681	27	9.448 142	29	0.551 858	9.983 538	2	324	
677	9.431 708	27	9.448 172	30	0.551 828	9.983 536	2	323	28
678	9.431 735	27	9.448 201	29	0.551 799	9.983 534	2	322	
679	9.431 762	27	9.448 230	29	0.551 770	9.983 532	2	321	1 2.8
.680	9.431 789	27	9.448 259	29	0.551 741	9.983 530	2	.320	2 5.6
681	9.431 816	27	9.448 288	29	0.551 712	9.983 528	2	319	3 8.4
682	9.431 843	27	9.448 317	29	0.551 683	9.983 526	2	318	4 11.2
683	9.431 870	27	9.448 346	29	0.551 654	9.983 523	3	317	5 14.0
684	9.431 897	27	9.448 375	29	0.551 625	9.983 521	2	316	6 16.8
685	9.431 924	27	9.448 405	30	0.551 595	9.983 519	2	315	7 19.6
686	9.431 951	27	9.448 434	29	0.551 566	9.983 517	2	314	8 22.4
687	9.431 978	27	9.448 463	29	0.551 537	9.983 515	2	313	9 25.2
688	9.432 005	27	9.448 492	29	0.551 508	9.983 513	2	312	
689	9.432 032	27	9.448 521	29	0.551 479	9.983 511	2	311	27
.690	9.432 059	27	9.448 550	29	0.551 450	9.983 509	2	.310	1 2.7
691	9.432 086	27	9.448 579	29	0.551 421	9.983 506	3	309	2 5.4
692	9.432 113	27	9.448 608	29	0.551 392	9.983 504	2	308	3 8.1
693	9.432 140	27	9.448 638	30	0.551 362	9.983 502	2	307	4 10.8
694	9.432 167	27	9.448 667	29	0.551 333	9.983 500	2	306	5 13.5
695	9.432 194	27	9.448 696	29	0.551 304	9.983 498	2	305	6 16.2
696	9.432 221	27	9.448 725	29	0.551 275	9.983 496	2	304	7 18.9
697	9.432 248	27	9.448 754	29	0.551 246	9.983 494	2	303	8 21.6
698	9.432 275	27	9.448 783	29	0.551 217	9.983 492	2	302	9 24.3
699	9.432 302	27	9.448 812	29	0.551 188	9.983 489	3	301	
.700	9.432 329	27	9.448 841	29	0.551 159	9.983 487	2	.300	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.350 — 74°.300

15°.700 — 15°.750

15°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.432 329	26	9.448 841	29	0.551 159	9.983 487	2	.300	
701	9.432 355	27	9.448 870	29	0.551 130	9.983 485	2	299	
702	9.432 382	27	9.448 899	29	0.551 101	9.983 483	2	298	
703	9.432 409	27	9.448 929	30	0.551 071	9.983 481	2	297	
704	9.432 436	27	9.448 958	29	0.551 042	9.983 479	2	296	30
705	9.432 463	27	9.448 987	29	0.551 013	9.983 477	2	295	1 3.0
706	9.432 490	27	9.449 016	29	0.550 984	9.983 474	3	294	2 6.0
707	9.432 517	27	9.449 045	29	0.550 955	9.983 472	2	293	3 9.0
708	9.432 544	27	9.449 074	29	0.550 926	9.983 470	2	292	4 12.0
709	9.432 571	27	9.449 103	29	0.550 897	9.983 468	2	291	5 15.0
.710	9.432 598	27	9.449 132	29	0.550 868	9.983 466	2	.290	6 18.0
711	9.432 625	27	9.449 161	29	0.550 839	9.983 464	2	289	7 21.0
712	9.432 652	27	9.449 190	29	0.550 810	9.983 462	2	288	8 24.0
713	9.432 679	27	9.449 219	29	0.550 781	9.983 460	2	287	9 27.0
714	9.432 706	27	9.449 248	29	0.550 752	9.983 457	3	286	
715	9.432 733	27	9.449 278	30	0.550 722	9.983 455	2	285	29
716	9.432 760	27	9.449 307	29	0.550 693	9.983 453	2	284	1 2.9
717	9.432 787	27	9.449 336	29	0.550 664	9.983 451	2	283	2 5.8
718	9.432 814	27	9.449 365	29	0.550 635	9.983 449	2	282	3 8.7
719	9.432 841	27	9.449 394	29	0.550 606	9.983 447	2	281	4 11.6
.720	9.432 867	26	9.449 423	29	0.550 577	9.983 445	2	.280	5 14.5
721	9.432 894	27	9.449 452	29	0.550 548	9.983 442	3	279	6 17.4
722	9.432 921	27	9.449 481	29	0.550 519	9.983 440	2	278	7 20.3
723	9.432 948	27	9.449 510	29	0.550 490	9.983 438	2	277	8 23.2
724	9.432 975	27	9.449 539	29	0.550 461	9.983 436	2	276	9 26.1
725	9.433 002	27	9.449 568	29	0.550 432	9.983 434	2	275	
726	9.433 029	27	9.449 597	29	0.550 403	9.983 432	2	274	
727	9.433 056	27	9.449 626	29	0.550 374	9.983 430	2	273	27
728	9.433 083	27	9.449 655	29	0.550 345	9.983 428	2	272	1 2.7
729	9.433 110	27	9.449 684	29	0.550 316	9.983 425	3	271	2 5.4
.730	9.433 137	27	9.449 713	29	0.550 287	9.983 423	2	.270	3 8.1
731	9.433 164	27	9.449 742	29	0.550 258	9.983 421	2	269	4 10.8
732	9.433 191	27	9.449 772	30	0.550 228	9.983 419	2	268	5 13.5
733	9.433 217	26	9.449 801	29	0.550 199	9.983 417	2	267	6 16.2
734	9.433 244	27	9.449 830	29	0.550 170	9.983 415	2	266	7 18.9
735	9.433 271	27	9.449 859	29	0.550 141	9.983 413	2	265	8 21.6
736	9.433 298	27	9.449 888	29	0.550 112	9.983 410	3	264	9 24.3
737	9.433 325	27	9.449 917	29	0.550 083	9.983 408	2	263	
738	9.433 352	27	9.449 946	29	0.550 054	9.983 406	2	262	
739	9.433 379	27	9.449 975	29	0.550 025	9.983 404	2	261	26
.740	9.433 406	27	9.450 004	29	0.549 996	9.983 402	2	.260	1 2.6
741	9.433 433	27	9.450 033	29	0.549 967	9.983 400	2	259	2 5.2
742	9.433 459	26	9.450 062	29	0.549 938	9.983 398	2	258	3 7.8
743	9.433 486	27	9.450 091	29	0.549 909	9.983 396	2	257	4 10.4
744	9.433 513	27	9.450 120	29	0.549 880	9.983 393	3	256	5 13.0
745	9.433 540	27	9.450 149	29	0.549 851	9.983 391	2	255	6 15.6
746	9.433 567	27	9.450 178	29	0.549 822	9.983 389	2	254	7 18.2
747	9.433 594	27	9.450 207	29	0.549 793	9.983 387	2	253	8 20.8
748	9.433 621	27	9.450 236	29	0.549 764	9.983 385	2	252	9 23.4
749	9.433 648	27	9.450 265	29	0.549 735	9.983 383	2	251	
.750	9.433 675	27	9.450 294	29	0.549 706	9.983 381	2	.250	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.300 — 74°.250

15°.750 — 15°.800

15°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.433 675	26	9.450 294	29	0.549 706	9.983 381	3	.250	
751	9.433 701	27	9.450 323	29	0.549 677	9.983 378	2	249	
752	9.433 728	27	9.450 352	29	0.549 648	9.983 376	2	248	
753	9.433 755	27	9.450 381	29	0.549 619	9.983 374	2	247	
754	9.433 782	27	9.450 410	29	0.549 590	9.983 372	2	246	29
755	9.433 809	27	9.450 439	29	0.549 561	9.983 370	2	245	1 2.9
756	9.433 836	27	9.450 468	29	0.549 532	9.983 368	2	244	2 5.8
757	9.433 863	27	9.450 497	29	0.549 503	9.983 366	2	243	3 8.7
758	9.433 890	26	9.450 526	29	0.549 474	9.983 363	3	242	4 11.6
759	9.433 916	27	9.450 555	29	0.549 445	9.983 361	2	241	5 14.5
.760	9.433 943	27	9.450 584	29	0.549 416	9.983 359	2	.240	6 17.4
761	9.433 970	27	9.450 613	29	0.549 387	9.983 357	2	239	7 20.3
762	9.433 997	27	9.450 642	29	0.549 358	9.983 355	2	238	8 23.2
763	9.434 024	27	9.450 671	29	0.549 329	9.983 353	2	237	9 26.1
764	9.434 051	27	9.450 700	29	0.549 300	9.983 351	2	236	
765	9.434 078	26	9.450 729	29	0.549 271	9.983 348	3	235	
766	9.434 104	27	9.450 758	29	0.549 242	9.983 346	2	234	28
767	9.434 131	27	9.450 787	29	0.549 213	9.983 344	2	233	1 2.8
768	9.434 158	27	9.450 816	29	0.549 184	9.983 342	2	232	2 5.6
769	9.434 185	27	9.450 845	29	0.549 155	9.983 340	2	231	3 8.4
.770	9.434 212	27	9.450 874	29	0.549 126	9.983 338	2	.230	4 11.2
771	9.434 239	26	9.450 903	29	0.549 097	9.983 336	2	229	5 14.0
772	9.434 265	27	9.450 932	29	0.549 068	9.983 333	3	228	6 16.8
773	9.434 292	27	9.450 961	29	0.549 039	9.983 331	2	227	7 19.6
774	9.434 319	27	9.450 990	29	0.549 010	9.983 329	2	226	8 22.4
775	9.434 346	27	9.451 019	29	0.548 981	9.983 327	2	225	9 25.2
776	9.434 373	27	9.451 048	29	0.548 952	9.983 325	2	224	
777	9.434 400	26	9.451 077	29	0.548 923	9.983 323	2	223	27
778	9.434 426	27	9.451 106	29	0.548 894	9.983 321	2	222	1 2.7
779	9.434 453	27	9.451 135	29	0.548 865	9.983 318	3	221	2 5.4
.780	9.434 480	27	9.451 164	29	0.548 836	9.983 316	2	.220	3 8.1
781	9.434 507	27	9.451 193	29	0.548 807	9.983 314	2	219	4 10.8
782	9.434 534	27	9.451 222	29	0.548 778	9.983 312	2	218	5 13.5
783	9.434 561	26	9.451 251	29	0.548 749	9.983 310	2	217	6 16.2
784	9.434 587	27	9.451 280	29	0.548 720	9.983 308	2	216	7 18.9
785	9.434 614	27	9.451 309	28	0.548 691	9.983 306	2	215	8 21.6
786	9.434 641	27	9.451 337	29	0.548 663	9.983 303	3	214	9 24.3
787	9.434 668	27	9.451 366	29	0.548 634	9.983 301	2	213	
788	9.434 695	26	9.451 395	29	0.548 605	9.983 299	2	212	
789	9.434 721	27	9.451 424	29	0.548 576	9.983 297	2	211	26
.790	9.434 748	27	9.451 453	29	0.548 547	9.983 295	2	.210	1 2.6
791	9.434 775	27	9.451 482	29	0.548 518	9.983 293	2	209	2 5.2
792	9.434 802	27	9.451 511	29	0.548 489	9.983 291	2	208	3 7.8
793	9.434 829	26	9.451 540	29	0.548 460	9.983 288	3	207	4 10.4
794	9.434 855	27	9.451 569	29	0.548 431	9.983 286	2	206	5 13.0
795	9.434 882	27	9.451 598	29	0.548 402	9.983 284	2	205	6 15.6
796	9.434 909	27	9.451 627	29	0.548 373	9.983 282	2	204	7 18.2
797	9.434 936	27	9.451 656	29	0.548 344	9.983 280	2	203	8 20.8
798	9.434 963	26	9.451 685	29	0.548 315	9.983 278	2	202	9 23.4
799	9.434 989	27	9.451 714	29	0.548 286	9.983 276	3	201	
.800	9.435 016	27	9.451 743	29	0.548 257	9.983 273	2	.200	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.250 — 74°.200

15°.800 — 15°.850

15°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.435 016		9.451 743		0.548 257	9.983 273		.200	
801	9.435 043	27	9.451 772	29	0.548 228	9.983 271	2	199	
802	9.435 070	27	9.451 801	29	0.548 199	9.983 269	2	198	
803	9.435 096	26	9.451 829	28	0.548 171	9.983 267	2	197	
804	9.435 123	27	9.451 858	29	0.548 142	9.983 265	2	196	29
805	9.435 150	27	9.451 887	29	0.548 113	9.983 263	2	195	1 2.9
806	9.435 177	27	9.451 916	29	0.548 084	9.983 261	2	194	2 5.8
807	9.435 204	27	9.451 945	29	0.548 055	9.983 258	3	193	3 8.7
808	9.435 230	26	9.451 974	29	0.548 026	9.983 256	2	192	4 11.6
809	9.435 257	27	9.452 003	29	0.547 997	9.983 254	2	191	5 14.5
.810	9.435 284	27	9.452 032	29	0.547 968	9.983 252	2	.190	6 17.4
811	9.435 311	27	9.452 061	29	0.547 939	9.983 250	2	189	7 20.3
812	9.435 337	26	9.452 090	29	0.547 910	9.983 248	2	188	8 23.2
813	9.435 364	27	9.452 119	29	0.547 881	9.983 246	2	187	9 26.1
814	9.435 391	27	9.452 148	29	0.547 852	9.983 243	3	186	
815	9.435 418	27	9.452 176	28	0.547 824	9.983 241	2	185	
816	9.435 444	26	9.452 205	29	0.547 795	9.983 239	2	184	28
817	9.435 471	27	9.452 234	29	0.547 766	9.983 237	2	183	1 2.8
818	9.435 498	27	9.452 263	29	0.547 737	9.983 235	2	182	2 5.6
819	9.435 525	27	9.452 292	29	0.547 708	9.983 233	2	181	3 8.4
.820	9.435 552	27	9.452 321	29	0.547 679	9.983 231	2	.180	4 11.2
821	9.435 578	26	9.452 350	29	0.547 650	9.983 228	3	179	5 14.0
822	9.435 605	27	9.452 379	29	0.547 621	9.983 226	2	178	6 16.8
823	9.435 632	27	9.452 408	29	0.547 592	9.983 224	2	177	7 19.6
824	9.435 659	27	9.452 437	29	0.547 563	9.983 222	2	176	8 22.4
825	9.435 685	26	9.452 465	28	0.547 535	9.983 220	2	175	9 25.2
826	9.435 712	27	9.452 494	29	0.547 506	9.983 218	2	174	
827	9.435 739	27	9.452 523	29	0.547 477	9.983 216	2	173	
828	9.435 765	26	9.452 552	29	0.547 448	9.983 213	3	172	27
829	9.435 792	27	9.452 581	29	0.547 419	9.983 211	2	171	1 2.7
.830	9.435 819	27	9.452 610	29	0.547 390	9.983 209	2	.170	2 5.4
831	9.435 846	27	9.452 639	29	0.547 361	9.983 207	2	169	3 8.1
832	9.435 872	26	9.452 668	29	0.547 332	9.983 205	2	168	4 10.8
833	9.435 899	27	9.452 697	29	0.547 303	9.983 203	2	167	5 13.5
834	9.435 926	27	9.452 725	28	0.547 275	9.983 200	3	166	6 16.2
835	9.435 953	27	9.452 754	29	0.547 246	9.983 198	2	165	7 18.9
836	9.435 979	26	9.452 783	29	0.547 217	9.983 196	2	164	8 21.6
837	9.436 006	27	9.452 812	29	0.547 188	9.983 194	2	163	9 24.3
838	9.436 033	27	9.452 841	29	0.547 159	9.983 192	2	162	
839	9.436 059	26	9.452 870	29	0.547 130	9.983 190	2	161	
.840	9.436 086	27	9.452 899	29	0.547 101	9.983 188	2	.160	26
841	9.436 113	27	9.452 927	28	0.547 073	9.983 185	3	159	1 2.6
842	9.436 140	27	9.452 956	29	0.547 044	9.983 183	2	158	2 5.2
843	9.436 166	26	9.452 985	29	0.547 015	9.983 181	2	157	3 7.8
844	9.436 193	27	9.453 014	29	0.546 986	9.983 179	2	156	4 10.4
845	9.436 220	27	9.453 043	29	0.546 957	9.983 177	2	155	5 13.0
846	9.436 246	26	9.453 072	29	0.546 928	9.983 175	2	154	6 15.6
847	9.436 273	27	9.453 101	29	0.546 899	9.983 173	2	153	7 18.2
848	9.436 300	27	9.453 129	28	0.546 871	9.983 170	3	152	8 20.8
849	9.436 327	27	9.453 158	29	0.546 842	9.983 168	2	151	9 23.4
.850	9.436 353	26	9.453 187	29	0.546 813	9.983 166	2	.150	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.200 — 74°.150

15°.850 — 15°.900

15°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.436 353		9.453 187		0.546 813	9.983 166		.150	
851	9.436 380	27	9.453 216	29	0.546 784	9.983 164	2	149	
852	9.436 407	27	9.453 245	29	0.546 755	9.983 162	2	148	
853	9.436 433	26	9.453 274	29	0.546 726	9.983 160	2	147	
854	9.436 460	27	9.453 303	29	0.546 697	9.983 157	3	146	29
855	9.436 487	27	9.453 331	28	0.546 669	9.983 155	2	145	1 2.9
856	9.436 513	26	9.453 360	29	0.546 640	9.983 153	2	144	2 5.8
857	9.436 540	27	9.453 389	29	0.546 611	9.983 151	2	143	3 8.7
858	9.436 567	27	9.453 418	29	0.546 582	9.983 149	2	142	4 11.6
859	9.436 593	26	9.453 447	29	0.546 553	9.983 147	2	141	5 14.5
.860	9.436 620	27	9.453 476	29	0.546 524	9.983 145	2	.140	6 17.4
861	9.436 647	27	9.453 504	28	0.546 496	9.983 142	3	139	7 20.3
862	9.436 673	26	9.453 533	29	0.546 467	9.983 140	2	138	8 23.2
863	9.436 700	27	9.453 562	29	0.546 438	9.983 138	2	137	9 26.1
864	9.436 727	27	9.453 591	29	0.546 409	9.983 136	2	136	
865	9.436 754	27	9.453 620	29	0.546 380	9.983 134	2	135	28
866	9.436 780	26	9.453 649	29	0.546 351	9.983 132	2	134	
867	9.436 807	27	9.453 677	28	0.546 323	9.983 129	3	133	1 2.8
868	9.436 834	27	9.453 706	29	0.546 294	9.983 127	2	132	2 5.6
869	9.436 860	26	9.453 735	29	0.546 265	9.983 125	2	131	3 8.4
.870	9.436 887	27	9.453 764	29	0.546 236	9.983 123	2	.130	4 11.2
871	9.436 914	27	9.453 793	29	0.546 207	9.983 121	2	129	5 14.0
872	9.436 940	26	9.453 821	28	0.546 179	9.983 119	2	128	6 16.8
873	9.436 967	27	9.453 850	29	0.546 150	9.983 117	2	127	7 19.6
874	9.436 993	26	9.453 879	29	0.546 121	9.983 114	3	126	8 22.4
875	9.437 020	27	9.453 908	29	0.546 092	9.983 112	2	125	9 25.2
876	9.437 047	27	9.453 937	29	0.546 063	9.983 110	2	124	
877	9.437 073	26	9.453 966	29	0.546 034	9.983 108	2	123	27
878	9.437 100	27	9.453 994	28	0.546 006	9.983 106	2	122	
879	9.437 127	27	9.454 023	29	0.545 977	9.983 104	2	121	1 2.7
.880	9.437 153	26	9.454 052	29	0.545 948	9.983 101	3	.120	2 5.4
881	9.437 180	27	9.454 081	29	0.545 919	9.983 099	2	119	3 8.1
882	9.437 207	27	9.454 110	29	0.545 890	9.983 097	2	118	4 10.8
883	9.437 233	26	9.454 138	28	0.545 862	9.983 095	2	117	5 13.5
884	9.437 260	27	9.454 167	29	0.545 833	9.983 093	2	116	6 16.2
885	9.437 287	27	9.454 196	29	0.545 804	9.983 091	2	115	7 18.9
886	9.437 313	26	9.454 225	29	0.545 775	9.983 088	2	114	8 21.6
887	9.437 340	27	9.454 254	29	0.545 746	9.983 086	3	113	9 24.3
888	9.437 366	26	9.454 282	28	0.545 718	9.983 084	2	112	
889	9.437 393	27	9.454 311	29	0.545 689	9.983 082	2	111	26
.890	9.437 420	27	9.454 340	29	0.545 660	9.983 080	2	.110	
891	9.437 446	26	9.454 369	29	0.545 631	9.983 078	2	109	1 2.6
892	9.437 473	27	9.454 397	28	0.545 603	9.983 076	2	108	2 5.2
893	9.437 500	27	9.454 426	29	0.545 574	9.983 073	3	107	3 7.8
894	9.437 526	26	9.454 455	29	0.545 545	9.983 071	2	106	4 10.4
895	9.437 553	27	9.454 484	29	0.545 516	9.983 069	2	105	5 13.0
896	9.437 579	26	9.454 513	29	0.545 487	9.983 067	2	104	6 15.6
897	9.437 606	27	9.454 541	28	0.545 459	9.983 065	2	103	7 18.2
898	9.437 633	27	9.454 570	29	0.545 430	9.983 063	2	102	8 20.8
899	9.437 659	26	9.454 599	29	0.545 401	9.983 060	3	101	9 23.4
.900	9.437 686	27	9.454 628	29	0.545 372	9.983 058	2	.100	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.150 — 74°.100

15°.900 — 15°.950

15°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.437 686		9.454 628		0.545 372	9.983 058		.100	
901	9.437 713	27	9.454 656	28	0.545 344	9.983 056	2	099	
902	9.437 739	26	9.454 685	29	0.545 315	9.983 054	2	098	
903	9.437 766	27	9.454 714	29	0.545 286	9.983 052	2	097	
		26		29			2		29
904	9.437 792	27	9.454 743	28	0.545 257	9.983 050	3	096	1 2.9
905	9.437 819	27	9.454 771	29	0.545 229	9.983 047	2	095	2 5.8
906	9.437 846	27	9.454 800	29	0.545 200	9.983 045	2	094	3 8.7
		26		29			2		4 11.6
907	9.437 872	27	9.454 829	29	0.545 171	9.983 043	2	093	5 14.5
908	9.437 899	26	9.454 858	28	0.545 142	9.983 041	2	092	6 17.4
909	9.437 925	27	9.454 886	29	0.545 114	9.983 039	2	091	7 20.3
		27		29			2		8 23.2
.910	9.437 952	27	9.454 915	29	0.545 085	9.983 037	2	.090	9 26.1
		26		29			2		
911	9.437 979	26	9.454 944	29	0.545 056	9.983 035	3	089	
912	9.438 005	27	9.454 973	29	0.545 027	9.983 032	2	088	
913	9.438 032	26	9.455 002	28	0.544 998	9.983 030	2	087	
		27		29			2		28
914	9.438 058	27	9.455 030	29	0.544 970	9.983 028	2	086	1 2.8
915	9.438 085	26	9.455 059	29	0.544 941	9.983 026	2	085	2 5.6
916	9.438 111	27	9.455 088	29	0.544 912	9.983 024	2	084	3 8.4
		27		28			2		4 11.2
917	9.438 138	27	9.455 116	29	0.544 884	9.983 022	3	083	5 14.0
918	9.438 165	26	9.455 145	29	0.544 855	9.983 019	2	082	6 16.8
919	9.438 191	27	9.455 174	29	0.544 826	9.983 017	2	081	7 19.6
		27		29			2		8 22.4
.920	9.438 218	26	9.455 203	28	0.544 797	9.983 015	2	.080	9 25.2
		27		29			2		
921	9.438 244	27	9.455 231	29	0.544 769	9.983 013	3	079	
922	9.438 271	26	9.455 260	29	0.544 740	9.983 011	2	078	
923	9.438 297	27	9.455 289	29	0.544 711	9.983 009	2	077	
		27		29			3		
924	9.438 324	27	9.455 318	28	0.544 682	9.983 006	2	076	
925	9.438 351	26	9.455 346	29	0.544 654	9.983 004	2	075	
926	9.438 377	27	9.455 375	29	0.544 625	9.983 002	2	074	
		27		29			2		
927	9.438 404	26	9.455 404	29	0.544 596	9.983 000	2	073	27
928	9.438 430	27	9.455 433	28	0.544 567	9.982 998	2	072	1 2.7
929	9.438 457	26	9.455 461	29	0.544 539	9.982 996	2	071	2 5.4
		27		29			3		3 8.1
.930	9.438 483	27	9.455 490	29	0.544 510	9.982 993	2	.070	4 10.8
		27		28			2		5 13.5
931	9.438 510	26	9.455 519	29	0.544 481	9.982 991	2	069	6 16.2
932	9.438 537	27	9.455 547	29	0.544 453	9.982 989	2	068	7 18.9
933	9.438 563	27	9.455 576	29	0.544 424	9.982 987	2	067	8 21.6
		26		29			2		9 24.3
934	9.438 590	27	9.455 605	29	0.544 395	9.982 985	2	066	
935	9.438 616	27	9.455 634	28	0.544 366	9.982 983	3	065	
936	9.438 643	26	9.455 662	29	0.544 338	9.982 980	2	064	
		27		29			2		
937	9.438 669	27	9.455 691	29	0.544 309	9.982 978	2	063	
938	9.438 696	26	9.455 720	28	0.544 280	9.982 976	2	062	
939	9.438 722	27	9.455 748	29	0.544 252	9.982 974	2	061	
		27		29			2		26
.940	9.438 749	26	9.455 777	29	0.544 223	9.982 972	2	.060	1 2.6
		27		29			2		2 5.2
941	9.438 775	27	9.455 806	29	0.544 194	9.982 970	3	059	3 7.8
942	9.438 802	26	9.455 835	28	0.544 165	9.982 967	2	058	4 10.4
943	9.438 828	27	9.455 863	29	0.544 137	9.982 965	2	057	5 13.0
		27		29			2		6 15.6
944	9.438 855	27	9.455 892	29	0.544 108	9.982 963	2	056	7 18.2
945	9.438 882	26	9.455 921	28	0.544 079	9.982 961	2	055	8 20.8
946	9.438 908	27	9.455 949	29	0.544 051	9.982 959	2	054	9 23.4
		27		29			2		
947	9.438 935	26	9.455 978	29	0.544 022	9.982 957	3	053	
948	9.438 961	27	9.456 007	28	0.543 993	9.982 954	2	052	
949	9.438 988	26	9.456 035	29	0.543 965	9.982 952	2	051	
		27		29			2		
.950	9.439 014	27	9.456 064	29	0.543 936	9.982 950	2	.050	
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.100 — 74°.050

15°.950 — 16°.000

15°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.439 014		9.456 064		0.543 936	9.982 950		.050	
951	9.439 041	27	9.456 093	29	0.543 907	9.982 948	2	049	
952	9.439 067	26	9.456 121	28	0.543 879	9.982 946	2	048	
953	9.439 094	27	9.456 150	29	0.543 850	9.982 944	2	047	
		26		29			3	046	29
954	9.439 120	27	9.456 179	28	0.543 821	9.982 941	2	045	1 2.9
955	9.439 147	26	9.456 207	29	0.543 793	9.982 939	2	044	2 5.8
956	9.439 173	27	9.456 236	29	0.543 764	9.982 937	2	043	3 8.7
		26		29			2	042	4 11.6
957	9.439 200	27	9.456 265	28	0.543 735	9.982 935	2	041	5 14.5
958	9.439 226	27	9.456 294	28	0.543 706	9.982 933	2		6 17.4
959	9.439 253	26	9.456 322	29	0.543 678	9.982 931	3		7 20.3
.960	9.439 279	27	9.456 351	29	0.543 649	9.982 928	2	.040	8 23.2
		26		28			2	039	9 26.1
961	9.439 306	27	9.456 380	28	0.543 620	9.982 926	2	038	
962	9.439 332	27	9.456 408	29	0.543 592	9.982 924	2	037	
963	9.439 359	26	9.456 437	29	0.543 563	9.982 922	2	036	
		27		28			2	035	28
964	9.439 385	27	9.456 466	28	0.543 534	9.982 920	2	034	1 2.8
965	9.439 412	26	9.456 494	29	0.543 506	9.982 918	2	033	2 5.6
966	9.439 438	27	9.456 523	29	0.543 477	9.982 915	3	032	3 8.4
		26		28			2	031	4 11.2
967	9.439 465	27	9.456 552	28	0.543 448	9.982 913	2		5 14.0
968	9.439 491	27	9.456 580	29	0.543 420	9.982 911	2		6 16.8
969	9.439 518	26	9.456 609	28	0.543 391	9.982 909	2	.030	7 19.6
		27		29			2	029	8 22.4
.970	9.439 544	27	9.456 637	29	0.543 363	9.982 907	2	027	9 25.2
		26		28			2	026	
971	9.439 571	26	9.456 666	29	0.543 334	9.982 905	3	025	
972	9.439 597	27	9.456 695	28	0.543 305	9.982 902	2	024	
973	9.439 624	26	9.456 723	29	0.543 277	9.982 900	2	023	
		27		29			2	022	27
974	9.439 650	27	9.456 752	29	0.543 248	9.982 898	2	021	1 2.7
975	9.439 677	26	9.456 781	28	0.543 219	9.982 896	2		2 5.4
976	9.439 703	27	9.456 809	29	0.543 191	9.982 894	2		3 8.1
		26		29			2	019	4 10.8
977	9.439 730	27	9.456 838	28	0.543 162	9.982 892	2	018	5 13.5
978	9.439 756	27	9.456 867	29	0.543 133	9.982 889	2	017	6 16.2
979	9.439 783	26	9.456 895	28	0.543 105	9.982 887	3	016	7 18.9
		27		29			2	015	8 21.6
.980	9.439 809	27	9.456 924	29	0.543 076	9.982 885	2	014	9 24.3
		26		28			2	013	
981	9.439 836	26	9.456 953	29	0.543 047	9.982 883	2	012	
982	9.439 862	26	9.456 981	29	0.543 019	9.982 881	2	011	26
983	9.439 888	27	9.457 010	29	0.542 990	9.982 879	3		1 2.6
		26		28			2	009	2 5.2
984	9.439 915	27	9.457 039	29	0.542 961	9.982 876	2	008	3 7.8
985	9.439 941	27	9.457 067	29	0.542 933	9.982 874	2	007	4 10.4
986	9.439 968	26	9.457 096	28	0.542 904	9.982 872	2	006	5 13.0
		27		29			2	005	6 15.6
987	9.439 994	27	9.457 124	29	0.542 876	9.982 870	2	004	7 18.2
988	9.440 021	26	9.457 153	29	0.542 847	9.982 868	3		8 20.8
989	9.440 047	27	9.457 182	28	0.542 818	9.982 866	2	003	9 23.4
		26		29			2	002	
.990	9.440 074	27	9.457 210	29	0.542 790	9.982 863	3	.010	
		26		28			2	001	
991	9.440 100	27	9.457 239	29	0.542 761	9.982 861	2		
992	9.440 127	26	9.457 268	28	0.542 732	9.982 859	2		
993	9.440 153	26	9.457 296	29	0.542 704	9.982 857	2		
		27		28			2		
994	9.440 179	27	9.457 325	28	0.542 675	9.982 855	2		
995	9.440 206	26	9.457 353	29	0.542 647	9.982 853	2		
996	9.440 232	27	9.457 382	29	0.542 618	9.982 850	3		
		26		29			2		
997	9.440 259	27	9.457 411	28	0.542 589	9.982 848	2		
998	9.440 285	27	9.457 439	29	0.542 561	9.982 846	2		
999	9.440 312	26	9.457 468	28	0.542 532	9.982 844	2		
		27		29			2		
*.000	9.440 338	27	9.457 496	28	0.542 504	9.982 842	2	.000	
		26		29			2		
	cos	d	cotg	d	tang	sin	d	74°	P.P.

74°.050 — 74°.000

16°.000 — 16°.050

16°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.440 338		9.457 496		0.542 504	9.982 842		*.000	
001	9.440 365	27	9.457 525	29	0.542 475	9.982 839	3	999	
002	9.440 391	26	9.457 554	29	0.542 446	9.982 837	2	998	
003	9.440 417	26	9.457 582	28	0.542 418	9.982 835	2	997	
004	9.440 444	27	9.457 611	29	0.542 389	9.982 833	2	996	29
005	9.440 470	26	9.457 639	28	0.542 361	9.982 831	2	995	1 2.9
006	9.440 497	27	9.457 668	29	0.542 332	9.982 829	2	994	2 5.8
007	9.440 523	26	9.457 697	29	0.542 303	9.982 826	3	993	3 8.7
008	9.440 549	26	9.457 725	28	0.542 275	9.982 824	2	992	4 11.6
009	9.440 576	27	9.457 754	29	0.542 246	9.982 822	2	991	5 14.5
.010	9.440 602	26	9.457 782	28	0.542 218	9.982 820	2	.990	6 17.4
011	9.440 629	27	9.457 811	29	0.542 189	9.982 818	2	989	7 20.3
012	9.440 655	26	9.457 840	29	0.542 160	9.982 816	2	988	8 23.2
013	9.440 682	27	9.457 868	28	0.542 132	9.982 813	3	987	9 26.1
014	9.440 708	26	9.457 897	29	0.542 103	9.982 811	2	986	
015	9.440 734	26	9.457 925	28	0.542 075	9.982 809	2	985	
016	9.440 761	27	9.457 954	29	0.542 046	9.982 807	2	984	28
017	9.440 787	26	9.457 983	29	0.542 017	9.982 805	2	983	1 2.8
018	9.440 814	27	9.458 011	28	0.541 989	9.982 802	3	982	2 5.6
019	9.440 840	26	9.458 040	29	0.541 960	9.982 800	2	981	3 8.4
.020	9.440 866	26	9.458 068	28	0.541 932	9.982 798	2	.980	4 11.2
021	9.440 893	27	9.458 097	29	0.541 903	9.982 796	2	979	5 14.0
022	9.440 919	26	9.458 125	28	0.541 875	9.982 794	2	978	6 16.8
023	9.440 946	27	9.458 154	29	0.541 846	9.982 792	2	977	7 19.6
024	9.440 972	26	9.458 183	29	0.541 817	9.982 789	3	976	8 22.4
025	9.440 998	26	9.458 211	28	0.541 789	9.982 787	2	975	9 25.2
026	9.441 025	27	9.458 240	29	0.541 760	9.982 785	2	974	
027	9.441 051	26	9.458 268	28	0.541 732	9.982 783	2	973	27
028	9.441 078	27	9.458 297	29	0.541 703	9.982 781	2	972	1 2.7
029	9.441 104	26	9.458 325	28	0.541 675	9.982 779	2	971	2 5.4
.030	9.441 130	26	9.458 354	29	0.541 646	9.982 776	3	.970	3 8.1
031	9.441 157	27	9.458 383	29	0.541 617	9.982 774	2	969	4 10.8
032	9.441 183	26	9.458 411	28	0.541 589	9.982 772	2	968	5 13.5
033	9.441 209	26	9.458 440	29	0.541 560	9.982 770	2	967	6 16.2
034	9.441 236	27	9.458 468	28	0.541 532	9.982 768	2	966	7 18.9
035	9.441 262	26	9.458 497	29	0.541 503	9.982 765	3	965	8 21.6
036	9.441 289	27	9.458 525	28	0.541 475	9.982 763	2	964	9 24.3
037	9.441 315	26	9.458 554	29	0.541 446	9.982 761	2	963	
038	9.441 341	26	9.458 582	28	0.541 418	9.982 759	2	962	
039	9.441 368	27	9.458 611	29	0.541 389	9.982 757	2	961	26
.040	9.441 394	26	9.458 639	28	0.541 361	9.982 755	2	.960	1 2.6
041	9.441 420	26	9.458 668	29	0.541 332	9.982 752	3	959	2 5.2
042	9.441 447	27	9.458 697	29	0.541 303	9.982 750	2	958	3 7.8
043	9.441 473	26	9.458 725	28	0.541 275	9.982 748	2	957	4 10.4
044	9.441 499	26	9.458 754	29	0.541 246	9.982 746	2	956	5 13.0
045	9.441 526	27	9.458 782	28	0.541 218	9.982 744	2	955	6 15.6
046	9.441 552	26	9.458 811	29	0.541 189	9.982 742	2	954	7 18.2
047	9.441 579	27	9.458 839	28	0.541 161	9.982 739	3	953	8 20.8
048	9.441 605	26	9.458 868	29	0.541 132	9.982 737	2	952	9 23.4
049	9.441 631	26	9.458 896	28	0.541 104	9.982 735	2	951	
.050	9.441 658	27	9.458 925	29	0.541 075	9.982 733	2	.950	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

74°.000 — 73°.950

16°.050 — 16°.100

16°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.441 658	26	9.458 925	28	0.541 075	9.982 733	2	.950	
051	9.441 684	26	9.458 953	29	0.541 047	9.982 731	3	949	
052	9.441 710	27	9.458 982	28	0.541 018	9.982 728	2	948	
053	9.441 737	26	9.459 010	29	0.540 990	9.982 726	2	947	
054	9.441 763	26	9.459 039	28	0.540 961	9.982 724	2	946	29
055	9.441 789	27	9.459 067	29	0.540 933	9.982 722	2	945	1 2.9
056	9.441 816	26	9.459 096	28	0.540 904	9.982 720	2	944	2 5.8
057	9.441 842	26	9.459 124	29	0.540 876	9.982 718	2	943	3 8.7
058	9.441 868	27	9.459 153	29	0.540 847	9.982 715	3	942	4 11.6
059	9.441 895	26	9.459 182	28	0.540 818	9.982 713	2	941	5 14.5
.060	9.441 921	26	9.459 210	29	0.540 790	9.982 711	2	.940	6 17.4
061	9.441 947	27	9.459 239	28	0.540 761	9.982 709	2	939	7 20.3
062	9.441 974	26	9.459 267	29	0.540 733	9.982 707	2	938	8 23.2
063	9.442 000	26	9.459 296	28	0.540 704	9.982 704	3	937	9 26.1
064	9.442 026	27	9.459 324	29	0.540 676	9.982 702	2	936	
065	9.442 053	26	9.459 353	28	0.540 647	9.982 700	2	935	28
066	9.442 079	26	9.459 381	29	0.540 619	9.982 698	2	934	
067	9.442 105	27	9.459 410	28	0.540 590	9.982 696	2	933	1 2.8
068	9.442 132	26	9.459 438	29	0.540 562	9.982 694	2	932	2 5.6
069	9.442 158	26	9.459 467	28	0.540 533	9.982 691	3	931	3 8.4
.070	9.442 184	27	9.459 495	29	0.540 505	9.982 689	2	.930	4 11.2
071	9.442 211	26	9.459 524	28	0.540 476	9.982 687	2	929	5 14.0
072	9.442 237	26	9.459 552	29	0.540 448	9.982 685	2	928	6 16.8
073	9.442 263	26	9.459 581	28	0.540 419	9.982 683	2	927	7 19.6
074	9.442 289	27	9.459 609	29	0.540 391	9.982 680	3	926	8 22.4
075	9.442 316	26	9.459 638	28	0.540 362	9.982 678	2	925	9 25.2
076	9.442 342	26	9.459 666	29	0.540 334	9.982 676	2	924	
077	9.442 368	27	9.459 695	28	0.540 305	9.982 674	2	923	27
078	9.442 395	26	9.459 723	28	0.540 277	9.982 672	2	922	
079	9.442 421	26	9.459 751	29	0.540 249	9.982 669	3	921	1 2.7
.080	9.442 447	27	9.459 780	28	0.540 220	9.982 667	2	.920	2 5.4
081	9.442 474	26	9.459 808	29	0.540 192	9.982 665	2	919	3 8.1
082	9.442 500	26	9.459 837	28	0.540 163	9.982 663	2	918	4 10.8
083	9.442 526	26	9.459 865	29	0.540 135	9.982 661	2	917	5 13.5
084	9.442 552	27	9.459 894	28	0.540 106	9.982 659	2	916	6 16.2
085	9.442 579	26	9.459 922	29	0.540 078	9.982 656	3	915	7 18.9
086	9.442 605	26	9.459 951	28	0.540 049	9.982 654	2	914	8 21.6
087	9.442 631	27	9.459 979	29	0.540 021	9.982 652	2	913	9 24.3
088	9.442 658	26	9.460 008	28	0.539 992	9.982 650	2	912	
089	9.442 684	26	9.460 036	29	0.539 964	9.982 648	2	911	26
.090	9.442 710	26	9.460 065	28	0.539 935	9.982 645	3	.910	
091	9.442 736	27	9.460 093	29	0.539 907	9.982 643	2	909	1 2.6
092	9.442 763	26	9.460 122	28	0.539 878	9.982 641	2	908	2 5.2
093	9.442 789	26	9.460 150	29	0.539 850	9.982 639	2	907	3 7.8
094	9.442 815	26	9.460 179	28	0.539 821	9.982 637	2	906	4 10.4
095	9.442 841	26	9.460 207	29	0.539 793	9.982 635	2	905	5 13.0
096	9.442 868	27	9.460 235	28	0.539 765	9.982 632	3	904	6 15.6
097	9.442 894	26	9.460 264	29	0.539 736	9.982 630	2	903	7 18.2
098	9.442 920	26	9.460 292	28	0.539 708	9.982 628	2	902	8 20.8
099	9.442 947	27	9.460 321	29	0.539 679	9.982 626	2	901	9 23.4
.100	9.442 973	26	9.460 349	28	0.539 651	9.982 624	2	.900	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.950 — 73°.900

16°.100 — 16°.150

16°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.442 973	26	9.460 349	29	0.539 651	9.982 624	3	.900	
101	9.442 999	26	9.460 378	29	0.539 622	9.982 621	3	899	
102	9.443 025	26	9.460 406	28	0.539 594	9.982 619	2	898	
103	9.443 052	27	9.460 435	29	0.539 565	9.982 617	2	897	
		26		28			2		29
104	9.443 078	26	9.460 463	28	0.539 537	9.982 615	2	896	1 2.9
105	9.443 104	26	9.460 491	28	0.539 509	9.982 613	2	895	2 5.8
106	9.443 130	26	9.460 520	29	0.539 480	9.982 610	3	894	3 8.7
		27		28			2		4 11.6
107	9.443 157	26	9.460 548	29	0.539 452	9.982 608	2	893	5 14.5
108	9.443 183	26	9.460 577	28	0.539 423	9.982 606	2	892	6 17.4
109	9.443 209	26	9.460 605	29	0.539 395	9.982 604	2	891	7 20.3
		27		28			3		8 23.2
.110	9.443 235	27	9.460 634	28	0.539 366	9.982 602	2	.890	9 26.1
111	9.443 262	26	9.460 662	29	0.539 338	9.982 599	2	889	
112	9.443 288	26	9.460 691	28	0.539 309	9.982 597	2	888	
113	9.443 314	26	9.460 719	28	0.539 281	9.982 595	2	887	
		26		28			2		28
114	9.443 340	27	9.460 747	29	0.539 253	9.982 593	2	886	1 2.8
115	9.443 367	26	9.460 776	28	0.539 224	9.982 591	2	885	2 5.6
116	9.443 393	26	9.460 804	28	0.539 196	9.982 589	2	884	3 8.4
		26		29			3		4 11.2
117	9.443 419	26	9.460 833	28	0.539 167	9.982 586	2	883	5 14.0
118	9.443 445	26	9.460 861	28	0.539 139	9.982 584	2	882	6 16.8
119	9.443 471	26	9.460 889	28	0.539 111	9.982 582	2	881	7 19.6
		27		29			2		8 22.4
.120	9.443 498	26	9.460 918	28	0.539 082	9.982 580	2	.880	9 25.2
121	9.443 524	26	9.460 946	29	0.539 054	9.982 578	3	879	
122	9.443 550	26	9.460 975	28	0.539 025	9.982 575	2	878	
123	9.443 576	26	9.461 003	29	0.538 997	9.982 573	2	877	
		27		28			2		
124	9.443 603	26	9.461 032	28	0.538 968	9.982 571	2	876	
125	9.443 629	26	9.461 060	28	0.538 940	9.982 569	2	875	
126	9.443 655	26	9.461 088	28	0.538 912	9.982 567	2	874	
		26		29			3		27
127	9.443 681	26	9.461 117	28	0.538 883	9.982 564	2	873	1 2.7
128	9.443 707	27	9.461 145	29	0.538 855	9.982 562	2	872	2 5.4
129	9.443 734	26	9.461 174	28	0.538 826	9.982 560	2	871	3 8.1
		26		28			2		4 10.8
.130	9.443 760	26	9.461 202	28	0.538 798	9.982 558	2	.870	5 13.5
131	9.443 786	26	9.461 230	29	0.538 770	9.982 556	3	869	6 16.2
132	9.443 812	26	9.461 259	28	0.538 741	9.982 553	2	868	7 18.9
133	9.443 838	27	9.461 287	29	0.538 713	9.982 551	2	867	8 21.6
134	9.443 865	26	9.461 316	28	0.538 684	9.982 549	2	866	9 24.3
135	9.443 891	26	9.461 344	28	0.538 656	9.982 547	2	865	
136	9.443 917	26	9.461 372	29	0.538 628	9.982 545	2	864	
		26		28			2		
137	9.443 943	26	9.461 401	28	0.538 599	9.982 543	3	863	
138	9.443 969	27	9.461 429	29	0.538 571	9.982 540	2	862	
139	9.443 996	26	9.461 458	28	0.538 542	9.982 538	2	861	26
		26		28			2		
.140	9.444 022	26	9.461 486	28	0.538 514	9.982 536	2	.860	1 2.6
141	9.444 048	26	9.461 514	29	0.538 486	9.982 534	2	859	2 5.2
142	9.444 074	26	9.461 543	28	0.538 457	9.982 532	2	858	3 7.8
143	9.444 100	26	9.461 571	28	0.538 429	9.982 529	3	857	4 10.4
		27		28			2		5 13.0
144	9.444 127	26	9.461 599	29	0.538 401	9.982 527	2	856	6 15.6
145	9.444 153	26	9.461 628	28	0.538 372	9.982 525	2	855	7 18.2
146	9.444 179	26	9.461 656	28	0.538 344	9.982 523	2	854	8 20.8
		26		29			2		9 23.4
147	9.444 205	26	9.461 685	28	0.538 315	9.982 521	2	853	
148	9.444 231	26	9.461 713	28	0.538 287	9.982 518	3	852	
149	9.444 258	27	9.461 741	28	0.538 259	9.982 516	2	851	
		26		29			2		
.150	9.444 284	26	9.461 770	29	0.538 230	9.982 514	2	.850	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.900 — 73°.850

16°.150 — 16°.200

16°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.444 284	26	9.461 770	28	0.538 230	9.982 514	2	.850	
151	9.444 310	26	9.461 798	28	0.538 202	9.982 512	2	849	
152	9.444 336	26	9.461 826	28	0.538 174	9.982 510	2	848	
153	9.444 362	26	9.461 855	29	0.538 145	9.982 507	3	847	
154	9.444 388	26	9.461 883	28	0.538 117	9.982 505	2	846	29
155	9.444 415	27	9.461 912	29	0.538 088	9.982 503	2	845	1 2.9
156	9.444 441	26	9.461 940	28	0.538 060	9.982 501	2	844	2 5.8
157	9.444 467	26	9.461 968	28	0.538 032	9.982 499	2	843	3 8.7
158	9.444 493	26	9.461 997	29	0.538 003	9.982 496	3	842	4 11.6
159	9.444 519	26	9.462 025	28	0.537 975	9.982 494	2	841	5 14.5
.160	9.444 545	27	9.462 053	29	0.537 947	9.982 492	2	.840	6 17.4
161	9.444 572	26	9.462 082	28	0.537 918	9.982 490	2	839	7 20.3
162	9.444 598	26	9.462 110	28	0.537 890	9.982 488	2	838	8 23.2
163	9.444 624	26	9.462 138	28	0.537 862	9.982 485	3	837	9 26.1
164	9.444 650	26	9.462 167	29	0.537 833	9.982 483	2	836	
165	9.444 676	26	9.462 195	28	0.537 805	9.982 481	2	835	28
166	9.444 702	26	9.462 223	28	0.537 777	9.982 479	2	834	
167	9.444 728	26	9.462 252	29	0.537 748	9.982 477	2	833	1 2.8
168	9.444 755	27	9.462 280	28	0.537 720	9.982 474	3	832	2 5.6
169	9.444 781	26	9.462 308	28	0.537 692	9.982 472	2	831	3 8.4
.170	9.444 807	26	9.462 337	29	0.537 663	9.982 470	2	.830	4 11.2
171	9.444 833	26	9.462 365	28	0.537 635	9.982 468	2	829	5 14.0
172	9.444 859	26	9.462 393	28	0.537 607	9.982 466	2	828	6 16.8
173	9.444 885	26	9.462 422	29	0.537 578	9.982 463	3	827	7 19.6
174	9.444 911	26	9.462 450	28	0.537 550	9.982 461	2	826	8 22.4
175	9.444 938	27	9.462 478	28	0.537 522	9.982 459	2	825	9 25.2
176	9.444 964	26	9.462 507	29	0.537 493	9.982 457	2	824	
177	9.444 990	26	9.462 535	28	0.537 465	9.982 455	2	823	27
178	9.445 016	26	9.462 563	28	0.537 437	9.982 452	3	822	
179	9.445 042	26	9.462 592	29	0.537 408	9.982 450	2	821	1 2.7
.180	9.445 068	26	9.462 620	28	0.537 380	9.982 448	2	.820	2 5.4
181	9.445 094	26	9.462 648	28	0.537 352	9.982 446	2	819	3 8.1
182	9.445 120	26	9.462 677	29	0.537 323	9.982 444	2	818	4 10.8
183	9.445 147	27	9.462 705	28	0.537 295	9.982 441	3	817	5 13.5
184	9.445 173	26	9.462 733	28	0.537 267	9.982 439	2	816	6 16.2
185	9.445 199	26	9.462 762	29	0.537 238	9.982 437	2	815	7 18.9
186	9.445 225	26	9.462 790	28	0.537 210	9.982 435	2	814	8 21.6
187	9.445 251	26	9.462 818	28	0.537 182	9.982 433	2	813	9 24.3
188	9.445 277	26	9.462 847	29	0.537 153	9.982 430	3	812	
189	9.445 303	26	9.462 875	28	0.537 125	9.982 428	2	811	26
.190	9.445 329	26	9.462 903	28	0.537 097	9.982 426	2	.810	
191	9.445 355	27	9.462 932	29	0.537 068	9.982 424	2	809	1 2.6
192	9.445 382	26	9.462 960	28	0.537 040	9.982 422	2	808	2 5.2
193	9.445 408	26	9.462 988	28	0.537 012	9.982 419	3	807	3 7.8
194	9.445 434	26	9.463 017	29	0.536 983	9.982 417	2	806	4 10.4
195	9.445 460	26	9.463 045	28	0.536 955	9.982 415	2	805	5 13.0
196	9.445 486	26	9.463 073	28	0.536 927	9.982 413	2	804	6 15.6
197	9.445 512	26	9.463 101	28	0.536 899	9.982 411	2	803	7 18.2
198	9.445 538	26	9.463 130	29	0.536 870	9.982 408	3	802	8 20.8
199	9.445 564	26	9.463 158	28	0.536 842	9.982 406	2	801	9 23.4
.200	9.445 590	26	9.463 186	28	0.536 814	9.982 404	2	.800	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.850 — 73°.800

16°.200 — 16°.250

16°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.445 590		9.463 186		0.536 814	9.982 404		.800	
201	9.445 616	26	9.463 215	29	0.536 785	9.982 402	2	799	
202	9.445 643	27	9.463 243	28	0.536 757	9.982 400	2	798	
203	9.445 669	26	9.463 271	28	0.536 729	9.982 397	3	797	
204	9.445 695	26	9.463 299	28	0.536 701	9.982 395	2	796	29
205	9.445 721	26	9.463 328	29	0.536 672	9.982 393	2	795	1 2.9
206	9.445 747	26	9.463 356	28	0.536 644	9.982 391	2	794	2 5.8
207	9.445 773	26	9.463 384	28	0.536 616	9.982 389	2	793	3 8.7
208	9.445 799	26	9.463 413	29	0.536 587	9.982 386	3	792	4 11.6
209	9.445 825	26	9.463 441	28	0.536 559	9.982 384	2	791	5 14.5
.210	9.445 851	26	9.463 469	28	0.536 531	9.982 382	2	.790	6 17.4
211	9.445 877	26	9.463 497	28	0.536 503	9.982 380	2	789	7 20.3
212	9.445 903	26	9.463 526	29	0.536 474	9.982 378	2	788	8 23.2
213	9.445 929	26	9.463 554	28	0.536 446	9.982 375	3	787	9 26.1
214	9.445 955	26	9.463 582	28	0.536 418	9.982 373	2	786	
215	9.445 982	27	9.463 610	28	0.536 390	9.982 371	2	785	28
216	9.446 008	26	9.463 639	29	0.536 361	9.982 369	2	784	1 2.8
217	9.446 034	26	9.463 667	28	0.536 333	9.982 367	2	783	2 5.6
218	9.446 060	26	9.463 695	28	0.536 305	9.982 364	3	782	3 8.4
219	9.446 086	26	9.463 724	29	0.536 276	9.982 362	2	781	4 11.2
.220	9.446 112	26	9.463 752	28	0.536 248	9.982 360	2	.780	5 14.0
221	9.446 138	26	9.463 780	28	0.536 220	9.982 358	2	779	6 16.8
222	9.446 164	26	9.463 808	28	0.536 192	9.982 356	2	778	7 19.6
223	9.446 190	26	9.463 837	29	0.536 163	9.982 353	3	777	8 22.4
224	9.446 216	26	9.463 865	28	0.536 135	9.982 351	2	776	9 25.2
225	9.446 242	26	9.463 893	28	0.536 107	9.982 349	2	775	
226	9.446 268	26	9.463 921	28	0.536 079	9.982 347	2	774	
227	9.446 294	26	9.463 950	29	0.536 050	9.982 345	2	773	27
228	9.446 320	26	9.463 978	28	0.536 022	9.982 342	3	772	1 2.7
229	9.446 346	26	9.464 006	28	0.535 994	9.982 340	2	771	2 5.4
.230	9.446 372	26	9.464 034	28	0.535 966	9.982 338	2	.770	3 8.1
231	9.446 398	26	9.464 063	29	0.535 937	9.982 336	2	769	4 10.8
232	9.446 424	26	9.464 091	28	0.535 909	9.982 334	2	768	5 13.5
233	9.446 450	26	9.464 119	28	0.535 881	9.982 331	3	767	6 16.2
234	9.446 476	26	9.464 147	28	0.535 853	9.982 329	2	766	7 18.9
235	9.446 502	26	9.464 176	29	0.535 824	9.982 327	2	765	8 21.6
236	9.446 529	27	9.464 204	28	0.535 796	9.982 325	2	764	9 24.3
237	9.446 555	26	9.464 232	28	0.535 768	9.982 322	3	763	
238	9.446 581	26	9.464 260	28	0.535 740	9.982 320	2	762	
239	9.446 607	26	9.464 289	29	0.535 711	9.982 318	2	761	26
.240	9.446 633	26	9.464 317	28	0.535 683	9.982 316	2	.760	1 2.6
241	9.446 659	26	9.464 345	28	0.535 655	9.982 314	2	759	2 5.2
242	9.446 685	26	9.464 373	28	0.535 627	9.982 311	3	758	3 7.8
243	9.446 711	26	9.464 401	28	0.535 599	9.982 309	2	757	4 10.4
244	9.446 737	26	9.464 430	29	0.535 570	9.982 307	2	756	5 13.0
245	9.446 763	26	9.464 458	28	0.535 542	9.982 305	2	755	6 15.6
246	9.446 789	26	9.464 486	28	0.535 514	9.982 303	2	754	7 18.2
247	9.446 815	26	9.464 514	28	0.535 486	9.982 300	3	753	8 20.8
248	9.446 841	26	9.464 543	29	0.535 457	9.982 298	2	752	9 23.4
249	9.446 867	26	9.464 571	28	0.535 429	9.982 296	2	751	
.250	9.446 893	26	9.464 599	28	0.535 401	9.982 294	2	.750	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.800 — 73°.750

16°.250 — 16°.300

16°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.446 893	26	9.464 599	28	0.535 401	9.982 294	2	.750	
251	9.446 919	26	9.464 627	28	0.535 373	9.982 292	2	749	
252	9.446 945	26	9.464 655	28	0.535 345	9.982 289	3	748	
253	9.446 971	26	9.464 684	29	0.535 316	9.982 287	2	747	
		26		28			2		29
254	9.446 997	26	9.464 712	28	0.535 288	9.982 285	2	746	
255	9.447 023	26	9.464 740	28	0.535 260	9.982 283	2	745	1 2.9
256	9.447 049	26	9.464 768	28	0.535 232	9.982 281	2	744	2 5.8
		26		28			3		3 8.7
257	9.447 075	26	9.464 796	29	0.535 204	9.982 278	2	743	4 11.6
258	9.447 101	26	9.464 825	28	0.535 175	9.982 276	2	742	5 14.5
259	9.447 127	26	9.464 853	28	0.535 147	9.982 274	2	741	6 17.4
		26		28			2		7 20.3
.260	9.447 153	26	9.464 881	28	0.535 119	9.982 272	3	.740	8 23.2
		26		28			2		9 26.1
261	9.447 179	26	9.464 909	28	0.535 091	9.982 269	2	739	
262	9.447 205	26	9.464 937	28	0.535 063	9.982 267	2	738	
263	9.447 231	26	9.464 966	29	0.535 034	9.982 265	2	737	
		26		28			2		
264	9.447 257	26	9.464 994	28	0.535 006	9.982 263	2	736	
265	9.447 283	26	9.465 022	28	0.534 978	9.982 261	2	735	
266	9.447 309	26	9.465 050	28	0.534 950	9.982 258	3	734	28
		26		28			2		1 2.8
267	9.447 335	26	9.465 078	29	0.534 922	9.982 256	2	733	2 5.6
268	9.447 361	26	9.465 107	29	0.534 893	9.982 254	2	732	3 8.4
269	9.447 387	26	9.465 135	28	0.534 865	9.982 252	2	731	4 11.2
		26		28			2		5 14.0
.270	9.447 413	25	9.465 163	28	0.534 837	9.982 250	3	.730	6 16.8
		26		28			2		7 19.6
271	9.447 438	26	9.465 191	28	0.534 809	9.982 247	2	729	8 22.4
272	9.447 464	26	9.465 219	28	0.534 781	9.982 245	2	728	9 25.2
273	9.447 490	26	9.465 247	29	0.534 753	9.982 243	2	727	
		26		28			2		
274	9.447 516	26	9.465 276	28	0.534 724	9.982 241	2	726	
275	9.447 542	26	9.465 304	28	0.534 696	9.982 239	2	725	
276	9.447 568	26	9.465 332	28	0.534 668	9.982 236	3	724	
		26		28			2		
277	9.447 594	26	9.465 360	28	0.534 640	9.982 234	2	723	26
278	9.447 620	26	9.465 388	28	0.534 612	9.982 232	2	722	1 2.6
279	9.447 646	26	9.465 417	29	0.534 583	9.982 230	2	721	2 5.2
		26		28			3		3 7.8
.280	9.447 672	26	9.465 445	28	0.534 555	9.982 227	2	.720	4 10.4
		26		28			2		5 13.0
281	9.447 698	26	9.465 473	28	0.534 527	9.982 225	2	719	6 15.6
282	9.447 724	26	9.465 501	28	0.534 499	9.982 223	2	718	7 18.2
283	9.447 750	26	9.465 529	28	0.534 471	9.982 221	2	717	8 20.8
		26		28			2		9 23.4
284	9.447 776	26	9.465 557	29	0.534 443	9.982 219	3	716	
285	9.447 802	26	9.465 586	28	0.534 414	9.982 216	2	715	
286	9.447 828	26	9.465 614	28	0.534 386	9.982 214	2	714	
		26		28			2		
287	9.447 854	26	9.465 642	28	0.534 358	9.982 212	2	713	
288	9.447 880	26	9.465 670	28	0.534 330	9.982 210	2	712	
289	9.447 906	26	9.465 698	28	0.534 302	9.982 208	2	711	
		26		28			3		25
.290	9.447 932	26	9.465 726	28	0.534 274	9.982 205	2	.710	1 2.5
		26		28			2		2 5.0
291	9.447 958	25	9.465 754	29	0.534 246	9.982 203	2	709	3 7.5
292	9.447 983	26	9.465 783	28	0.534 217	9.982 201	2	708	4 10.0
293	9.448 009	26	9.465 811	28	0.534 189	9.982 199	2	707	5 12.5
		26		28			3		6 15.0
294	9.448 035	26	9.465 839	28	0.534 161	9.982 196	2	706	7 17.5
295	9.448 061	26	9.465 867	28	0.534 133	9.982 194	2	705	8 20.0
296	9.448 087	26	9.465 895	28	0.534 105	9.982 192	2	704	9 22.5
		26		28			2		
297	9.448 113	26	9.465 923	28	0.534 077	9.982 190	2	703	
298	9.448 139	26	9.465 951	28	0.534 049	9.982 188	2	702	
299	9.448 165	26	9.465 980	29	0.534 020	9.982 185	3	701	
		26		28			2		
.300	9.448 191	26	9.466 008	28	0.533 992	9.982 183	2	.700	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.750 — 73°.700

16°.300 — 16°.350

16°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.448 191	26	9.466 008	28	0.533 992	9.982 183	2	.700	
301	9.448 217	26	9.466 036	28	0.533 964	9.982 181	2	699	
302	9.448 243	26	9.466 064	28	0.533 936	9.982 179	2	698	
303	9.448 269	26	9.466 092	28	0.533 908	9.982 176	3	697	
304	9.448 295	26	9.466 120	28	0.533 880	9.982 174	2	696	29
305	9.448 320	25	9.466 148	28	0.533 852	9.982 172	2	695	1 2.9
306	9.448 346	26	9.466 177	29	0.533 823	9.982 170	2	694	2 5.8
307	9.448 372	26	9.466 205	28	0.533 795	9.982 168	2	693	3 8.7
308	9.448 398	26	9.466 233	28	0.533 767	9.982 165	3	692	4 11.6
309	9.448 424	26	9.466 261	28	0.533 739	9.982 163	2	691	5 14.5
.310	9.448 450	26	9.466 289	28	0.533 711	9.982 161	2	.690	6 17.4
311	9.448 476	26	9.466 317	28	0.533 683	9.982 159	2	689	7 20.3
312	9.448 502	26	9.466 345	28	0.533 655	9.982 157	2	688	8 23.2
313	9.448 528	26	9.466 373	28	0.533 627	9.982 154	3	687	9 26.1
314	9.448 554	26	9.466 402	29	0.533 598	9.982 152	2	686	
315	9.448 580	26	9.466 430	28	0.533 570	9.982 150	2	685	
316	9.448 605	25	9.466 458	28	0.533 542	9.982 148	2	684	28
317	9.448 631	26	9.466 486	28	0.533 514	9.982 145	3	683	1 2.8
318	9.448 657	26	9.466 514	28	0.533 486	9.982 143	2	682	2 5.6
319	9.448 683	26	9.466 542	28	0.533 458	9.982 141	2	681	3 8.4
.320	9.448 709	26	9.466 570	28	0.533 430	9.982 139	2	.680	4 11.2
321	9.448 735	26	9.466 598	28	0.533 402	9.982 137	2	679	5 14.0
322	9.448 761	26	9.466 626	28	0.533 374	9.982 134	3	678	6 16.8
323	9.448 787	26	9.466 655	29	0.533 345	9.982 132	2	677	7 19.6
324	9.448 813	26	9.466 683	28	0.533 317	9.982 130	2	676	8 22.4
325	9.448 838	25	9.466 711	28	0.533 289	9.982 128	2	675	9 25.2
326	9.448 864	26	9.466 739	28	0.533 261	9.982 125	3	674	
327	9.448 890	26	9.466 767	28	0.533 233	9.982 123	2	673	26
328	9.448 916	26	9.466 795	28	0.533 205	9.982 121	2	672	1 2.6
329	9.448 942	26	9.466 823	28	0.533 177	9.982 119	2	671	2 5.2
.330	9.448 968	26	9.466 851	28	0.533 149	9.982 117	2	.670	3 7.8
331	9.448 994	26	9.466 879	28	0.533 121	9.982 114	3	669	4 10.4
332	9.449 020	26	9.466 907	28	0.533 093	9.982 112	2	668	5 13.0
333	9.449 045	25	9.466 935	28	0.533 065	9.982 110	2	667	6 15.6
334	9.449 071	26	9.466 964	29	0.533 036	9.982 108	2	666	7 18.2
335	9.449 097	26	9.466 992	28	0.533 008	9.982 105	3	666	8 20.8
336	9.449 123	26	9.467 020	28	0.532 980	9.982 103	2	665	9 23.4
337	9.449 149	26	9.467 048	28	0.532 952	9.982 101	2	664	
338	9.449 175	26	9.467 076	28	0.532 924	9.982 099	2	663	
339	9.449 201	26	9.467 104	28	0.532 896	9.982 097	2	662	
.340	9.449 226	25	9.467 132	28	0.532 868	9.982 094	3	661	25
341	9.449 252	26	9.467 160	28	0.532 840	9.982 092	2	.660	1 2.5
342	9.449 278	26	9.467 188	28	0.532 812	9.982 090	2	659	2 5.0
343	9.449 304	26	9.467 216	28	0.532 784	9.982 088	2	658	3 7.5
344	9.449 330	26	9.467 244	28	0.532 756	9.982 085	2	657	4 10.0
345	9.449 356	26	9.467 272	28	0.532 728	9.982 083	3	656	5 12.5
346	9.449 382	26	9.467 300	28	0.532 700	9.982 081	2	655	6 15.0
347	9.449 407	25	9.467 329	29	0.532 671	9.982 079	2	654	7 17.5
348	9.449 433	26	9.467 357	28	0.532 643	9.982 077	2	653	8 20.0
349	9.449 459	26	9.467 385	28	0.532 615	9.982 074	3	652	9 22.5
.350	9.449 485	26	9.467 413	28	0.532 587	9.982 072	2	.650	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.700 — 73°.650

16°.350 — 16°.400

16°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.449 485	26	9.467 413	28	0.532 587	9.982 072	2	.650	
351	9.449 511	26	9.467 441	28	0.532 559	9.982 070	2	649	
352	9.449 537	25	9.467 469	28	0.532 531	9.982 068	2	648	
353	9.449 562	26	9.467 497	28	0.532 503	9.982 065	3	647	
354	9.449 588	26	9.467 525	28	0.532 475	9.982 063	2	646	29
355	9.449 614	26	9.467 553	28	0.532 447	9.982 061	2	645	1 2.9
356	9.449 640	26	9.467 581	28	0.532 419	9.982 059	2	644	2 5.8
357	9.449 666	26	9.467 609	28	0.532 391	9.982 057	2	643	3 8.7
358	9.449 692	25	9.467 637	28	0.532 363	9.982 054	3	642	4 11.6
359	9.449 717	26	9.467 665	28	0.532 335	9.982 052	2	641	5 14.5
.360	9.449 743	26	9.467 693	28	0.532 307	9.982 050	2	.640	6 17.4
361	9.449 769	26	9.467 721	28	0.532 279	9.982 048	2	639	7 20.3
362	9.449 795	26	9.467 749	28	0.532 251	9.982 045	3	638	8 23.2
363	9.449 821	26	9.467 777	28	0.532 223	9.982 043	2	637	9 26.1
364	9.449 846	25	9.467 805	28	0.532 195	9.982 041	2	636	
365	9.449 872	26	9.467 833	28	0.532 167	9.982 039	2	635	
366	9.449 898	26	9.467 862	29	0.532 138	9.982 037	2	634	28
367	9.449 924	26	9.467 890	28	0.532 110	9.982 034	3	633	1 2.8
368	9.449 950	26	9.467 918	28	0.532 082	9.982 032	2	632	2 5.6
369	9.449 975	25	9.467 946	28	0.532 054	9.982 030	2	631	3 8.4
.370	9.450 001	26	9.467 974	28	0.532 026	9.982 028	2	.630	4 11.2
371	9.450 027	26	9.468 002	28	0.531 998	9.982 025	3	629	5 14.0
372	9.450 053	26	9.468 030	28	0.531 970	9.982 023	2	628	6 16.8
373	9.450 079	26	9.468 058	28	0.531 942	9.982 021	2	627	7 19.6
374	9.450 104	25	9.468 086	28	0.531 914	9.982 019	2	626	8 22.4
375	9.450 130	26	9.468 114	28	0.531 886	9.982 016	2	625	9 25.2
376	9.450 156	26	9.468 142	28	0.531 858	9.982 014	2	624	
377	9.450 182	26	9.468 170	28	0.531 830	9.982 012	2	623	26
378	9.450 208	26	9.468 198	28	0.531 802	9.982 010	2	622	1 2.6
379	9.450 233	25	9.468 226	28	0.531 774	9.982 008	2	621	2 5.2
.380	9.450 259	26	9.468 254	28	0.531 746	9.982 005	3	.620	3 7.8
381	9.450 285	26	9.468 282	28	0.531 718	9.982 003	2	619	4 10.4
382	9.450 311	26	9.468 310	28	0.531 690	9.982 001	2	618	5 13.0
383	9.450 337	26	9.468 338	28	0.531 662	9.981 999	2	617	6 15.6
384	9.450 362	25	9.468 366	28	0.531 634	9.981 996	3	616	7 18.2
385	9.450 388	26	9.468 394	28	0.531 606	9.981 994	2	615	8 20.8
386	9.450 414	26	9.468 422	28	0.531 578	9.981 992	2	614	9 23.4
387	9.450 440	26	9.468 450	28	0.531 550	9.981 990	2	613	
388	9.450 465	25	9.468 478	28	0.531 522	9.981 988	2	612	
389	9.450 491	26	9.468 506	28	0.531 494	9.981 985	3	611	
.390	9.450 517	26	9.468 534	28	0.531 466	9.981 983	2	.610	25
391	9.450 543	26	9.468 562	28	0.531 438	9.981 981	2	609	1 2.5
392	9.450 569	26	9.468 590	28	0.531 410	9.981 979	2	608	2 5.0
393	9.450 594	25	9.468 618	28	0.531 382	9.981 976	3	607	3 7.5
394	9.450 620	26	9.468 646	28	0.531 354	9.981 974	2	606	4 10.0
395	9.450 646	26	9.468 674	28	0.531 326	9.981 972	2	605	5 12.5
396	9.450 672	26	9.468 702	28	0.531 298	9.981 970	2	604	6 15.0
397	9.450 697	25	9.468 730	28	0.531 270	9.981 967	3	603	7 17.5
398	9.450 723	26	9.468 758	28	0.531 242	9.981 965	2	602	8 20.0
399	9.450 749	26	9.468 786	28	0.531 214	9.981 963	2	601	9 22.5
.400	9.450 775	26	9.468 814	28	0.531 186	9.981 961	2	.600	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.650 — 73°.600

16°.400 — 16°.450

16°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.450 775		9.468 814		0.531 186	9.981 961		.600	
401	9.450 800	25	9.468 842	28	0.531 158	9.981 959	2	599	
402	9.450 826	26	9.468 870	28	0.531 130	9.981 956	3	598	
403	9.450 852	26	9.468 898	28	0.531 102	9.981 954	2	597	
404	9.450 878	26	9.468 926	28	0.531 074	9.981 952	2	596	28
405	9.450 903	25	9.468 954	28	0.531 046	9.981 950	2	595	1 2.8
406	9.450 929	26	9.468 982	28	0.531 018	9.981 947	3	594	2 5.6
407	9.450 955	26	9.469 010	28	0.530 990	9.981 945	2	593	3 8.4
408	9.450 981	26	9.469 038	28	0.530 962	9.981 943	2	592	4 11.2
409	9.451 006	25	9.469 066	28	0.530 934	9.981 941	2	591	5 14.0
		26		28			3		6 16.8
.410	9.451 032	26	9.469 094	28	0.530 906	9.981 938	2	.590	7 19.6
411	9.451 058	26	9.469 122	28	0.530 878	9.981 936	2	589	8 22.4
412	9.451 084	26	9.469 150	28	0.530 850	9.981 934	2	588	9 25.2
413	9.451 109	25	9.469 178	28	0.530 822	9.981 932	2	587	
414	9.451 135	26	9.469 206	28	0.530 794	9.981 930	2	586	
415	9.451 161	26	9.469 233	27	0.530 767	9.981 927	3	585	
416	9.451 187	26	9.469 261	28	0.530 739	9.981 925	2	584	27
417	9.451 212	25	9.469 289	28	0.530 711	9.981 923	2	583	1 2.7
418	9.451 238	26	9.469 317	28	0.530 683	9.981 921	2	582	2 5.4
419	9.451 264	26	9.469 345	28	0.530 655	9.981 918	3	581	3 8.1
		25		28			2		4 10.8
.420	9.451 289	26	9.469 373	28	0.530 627	9.981 916	2	.580	5 13.5
421	9.451 315	26	9.469 401	28	0.530 599	9.981 914	2	579	6 16.2
422	9.451 341	26	9.469 429	28	0.530 571	9.981 912	2	578	7 18.9
423	9.451 367	26	9.469 457	28	0.530 543	9.981 909	3	577	8 21.6
424	9.451 392	25	9.469 485	28	0.530 515	9.981 907	2	576	9 24.3
425	9.451 418	26	9.469 513	28	0.530 487	9.981 905	2	575	
426	9.451 444	26	9.469 541	28	0.530 459	9.981 903	2	574	
427	9.451 469	25	9.469 569	28	0.530 431	9.981 900	3	573	26
428	9.451 495	26	9.469 597	28	0.530 403	9.981 898	2	572	1 2.6
429	9.451 521	26	9.469 625	28	0.530 375	9.981 896	2	571	2 5.2
		26		28			2		3 7.8
.430	9.451 547	25	9.469 653	28	0.530 347	9.981 894	2	.570	4 10.4
431	9.451 572	26	9.469 681	28	0.530 319	9.981 892	3	569	5 13.0
432	9.451 598	26	9.469 709	28	0.530 291	9.981 889	2	568	6 15.6
433	9.451 624	25	9.469 737	27	0.530 263	9.981 887	2	567	7 18.2
434	9.451 649	26	9.469 764	28	0.530 236	9.981 885	2	566	8 20.8
435	9.451 675	26	9.469 792	28	0.530 208	9.981 883	3	565	9 23.4
436	9.451 701	25	9.469 820	28	0.530 180	9.981 880	2	564	
437	9.451 726	26	9.469 848	28	0.530 152	9.981 878	2	563	
438	9.451 752	26	9.469 876	28	0.530 124	9.981 876	2	562	
439	9.451 778	25	9.469 904	28	0.530 096	9.981 874	3	561	25
		26		28			2		
.440	9.451 803	26	9.469 932	28	0.530 068	9.981 871	2	.560	1 2.5
441	9.451 829	26	9.469 960	28	0.530 040	9.981 869	2	559	2 5.0
442	9.451 855	26	9.469 988	28	0.530 012	9.981 867	2	558	3 7.5
443	9.451 881	26	9.470 016	28	0.529 984	9.981 865	2	557	4 10.0
444	9.451 906	25	9.470 044	28	0.529 956	9.981 862	3	556	5 12.5
445	9.451 932	26	9.470 072	28	0.529 928	9.981 860	2	555	6 15.0
446	9.451 958	26	9.470 100	28	0.529 900	9.981 858	2	554	7 17.5
447	9.451 983	25	9.470 128	28	0.529 872	9.981 856	2	553	8 20.0
448	9.452 009	26	9.470 155	27	0.529 845	9.981 854	2	552	9 22.5
449	9.452 035	26	9.470 183	28	0.529 817	9.981 851	3	551	
		25		28			2		
.450	9.452 060	25	9.470 211	28	0.529 789	9.981 849	2	.550	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.600 — 73°.550

16°.450 — 16°.500

16°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.452 060		9.470 211		0.529 789	9.981 849		.550	
451	9.452 086	26	9.470 239	28	0.529 761	9.981 847	2	549	
452	9.452 112	26	9.470 267	28	0.529 733	9.981 845	2	548	
453	9.452 137	25	9.470 295	28	0.529 705	9.981 842	3	547	
		26		28			2		28
454	9.452 163	26	9.470 323	28	0.529 677	9.981 840	2	546	1 2.8
455	9.452 189	26	9.470 351	28	0.529 649	9.981 838	2	545	2 5.6
456	9.452 214	25	9.470 379	28	0.529 621	9.981 836	2	544	3 8.4
		26		28			3		4 11.2
457	9.452 240	26	9.470 407	27	0.529 593	9.981 833	2	543	5 14.0
458	9.452 266	25	9.470 434	28	0.529 566	9.981 831	2	542	6 16.8
459	9.452 291	26	9.470 462	28	0.529 538	9.981 829	2	541	7 19.6
.460	9.452 317	26	9.470 490	28	0.529 510	9.981 827	3	.540	8 22.4
		26		28			2		9 25.2
461	9.452 343	25	9.470 518	28	0.529 482	9.981 824	2	539	
462	9.452 368	26	9.470 546	28	0.529 454	9.981 822	2	538	
463	9.452 394	26	9.470 574	28	0.529 426	9.981 820	2	537	
		26		28			2		
464	9.452 420	25	9.470 602	28	0.529 398	9.981 818	3	536	
465	9.452 445	26	9.470 630	28	0.529 370	9.981 815	2	535	27
466	9.452 471	25	9.470 658	27	0.529 342	9.981 813	2	534	1 2.7
		26		28			2		2 5.4
467	9.452 496	26	9.470 685	28	0.529 315	9.981 811	3	533	3 8.1
468	9.452 522	26	9.470 713	28	0.529 287	9.981 809	2	532	4 10.8
469	9.452 548	25	9.470 741	28	0.529 259	9.981 806	2	531	5 13.5
.470	9.452 573	26	9.470 769	28	0.529 231	9.981 804	2	.530	6 16.2
		26		28			2		7 18.9
471	9.452 599	26	9.470 797	28	0.529 203	9.981 802	2	529	8 21.6
472	9.452 625	25	9.470 825	28	0.529 175	9.981 800	2	528	9 24.3
473	9.452 650	26	9.470 853	28	0.529 147	9.981 798	3	527	
		26		28			2		
474	9.452 676	26	9.470 881	28	0.529 119	9.981 795	2	526	
475	9.452 702	25	9.470 909	27	0.529 091	9.981 793	2	525	
476	9.452 727	26	9.470 936	28	0.529 064	9.981 791	2	524	
		26		28			2		
477	9.452 753	25	9.470 964	28	0.529 036	9.981 789	3	523	26
478	9.452 778	26	9.470 992	28	0.529 008	9.981 786	2	522	1 2.6
479	9.452 804	26	9.471 020	28	0.528 980	9.981 784	2	521	2 5.2
.480	9.452 830	25	9.471 048	28	0.528 952	9.981 782	2	.520	3 7.8
		26		28			2		4 10.4
481	9.452 855	26	9.471 076	28	0.528 924	9.981 780	3	519	5 13.0
482	9.452 881	26	9.471 104	27	0.528 896	9.981 777	2	518	6 15.6
483	9.452 907	25	9.471 131	28	0.528 869	9.981 775	2	517	7 18.2
		26		28			2		8 20.8
484	9.452 932	26	9.471 159	28	0.528 841	9.981 773	3	516	9 23.4
485	9.452 958	25	9.471 187	28	0.528 813	9.981 771	2	515	
486	9.452 983	26	9.471 215	28	0.528 785	9.981 768	2	514	
		26		28			2		
487	9.453 009	26	9.471 243	28	0.528 757	9.981 766	2	513	
488	9.453 035	25	9.471 271	28	0.528 729	9.981 764	2	512	
489	9.453 060	26	9.471 299	27	0.528 701	9.981 762	3	511	25
.490	9.453 086	25	9.471 326	28	0.528 674	9.981 759	2	.510	1 2.5
		26		28			2		2 5.0
491	9.453 111	26	9.471 354	28	0.528 646	9.981 757	2	509	3 7.5
492	9.453 137	26	9.471 382	28	0.528 618	9.981 755	2	508	4 10.0
493	9.453 163	25	9.471 410	28	0.528 590	9.981 753	3	507	5 12.5
		26		28			2		6 15.0
494	9.453 188	26	9.471 438	28	0.528 562	9.981 750	2	506	7 17.5
495	9.453 214	25	9.471 466	27	0.528 534	9.981 748	2	505	8 20.0
496	9.453 239	26	9.471 493	28	0.528 507	9.981 746	2	504	9 22.5
		26		28			2		
497	9.453 265	26	9.471 521	28	0.528 479	9.981 744	3	503	
498	9.453 291	25	9.471 549	28	0.528 451	9.981 741	2	502	
499	9.453 316	26	9.471 577	28	0.528 423	9.981 739	2	501	
.500	9.453 342	26	9.471 605	28	0.528 395	9.981 737	2	.500	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.550 — 73°.500

16°.500 — 16°.550

16°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.453 342		9.471 605		0.528 395	9.981 737		.500	
501	9.453 367	25	9.471 633	28	0.528 367	9.981 735	2	499	
502	9.453 393	26	9.471 661	28	0.528 339	9.981 732	3	498	
503	9.453 419	26	9.471 688	27	0.528 312	9.981 730	2	497	
		25		28			2		28
504	9.453 444	26	9.471 716	28	0.528 284	9.981 728	2	496	
505	9.453 470	25	9.471 744	28	0.528 256	9.981 726	3	495	1 2.8
506	9.453 495	26	9.471 772	28	0.528 228	9.981 723	2	494	2 5.6
		26		28			2		3 8.4
507	9.453 521	25	9.471 800	27	0.528 200	9.981 721	2	493	4 11.2
508	9.453 546	26	9.471 827	28	0.528 173	9.981 719	2	492	5 14.0
509	9.453 572	26	9.471 855	28	0.528 145	9.981 717	3	491	6 16.8
		26		28			2		7 19.6
.510	9.453 598	25	9.471 883	28	0.528 117	9.981 715	3	.490	8 22.4
511	9.453 623	26	9.471 911	28	0.528 089	9.981 712	2	489	9 25.2
512	9.453 649	25	9.471 939	28	0.528 061	9.981 710	2	488	
513	9.453 674	26	9.471 967	27	0.528 033	9.981 708	2	487	
		25		28			2		
514	9.453 700	25	9.471 994	28	0.527 978	9.981 706	3	486	
515	9.453 725	26	9.472 022	28	0.527 950	9.981 703	2	485	27
516	9.453 751	26	9.472 050	28	0.527 922	9.981 699	2	484	
		26		28			2		
517	9.453 777	25	9.472 078	28	0.527 894	9.981 697	3	483	1 2.7
518	9.453 802	26	9.472 106	27	0.527 867	9.981 694	2	482	2 5.4
519	9.453 828	25	9.472 133	28	0.527 839	9.981 692	3	481	3 8.1
		26		28			2		4 10.8
.520	9.453 853	26	9.472 161	28	0.527 811	9.981 690	2	.480	5 13.5
521	9.453 879	25	9.472 189	28	0.527 783	9.981 688	3	479	6 16.2
522	9.453 904	26	9.472 217	28	0.527 755	9.981 685	2	478	7 18.9
523	9.453 930	25	9.472 245	27	0.527 728	9.981 683	2	477	8 21.6
		26		28			2		9 24.3
524	9.453 955	26	9.472 272	28	0.527 700	9.981 681	3	476	
525	9.453 981	26	9.472 300	28	0.527 672	9.981 679	2	475	
526	9.454 007	25	9.472 328	28	0.527 644	9.981 676	2	474	
		26		28			2		
527	9.454 032	26	9.472 356	28	0.527 616	9.981 674	3	473	26
528	9.454 058	25	9.472 384	27	0.527 589	9.981 672	2	472	
529	9.454 083	26	9.472 411	28	0.527 561	9.981 670	2	471	1 2.6
		26		28			3		2 5.2
.530	9.454 109	25	9.472 439	28	0.527 533	9.981 667	2	.470	3 7.8
531	9.454 134	26	9.472 467	28	0.527 505	9.981 665	2	469	4 10.4
532	9.454 160	25	9.472 495	28	0.527 477	9.981 663	2	468	5 13.0
533	9.454 185	26	9.472 523	27	0.527 450	9.981 661	2	467	6 15.6
		25		28			3		7 18.2
534	9.454 211	26	9.472 550	28	0.527 422	9.981 658	2	466	8 20.8
535	9.454 236	26	9.472 578	28	0.527 394	9.981 656	2	465	9 23.4
536	9.454 262	25	9.472 606	28	0.527 366	9.981 654	3	464	
		26		28			2		
537	9.454 287	26	9.472 634	27	0.527 339	9.981 652	2	463	
538	9.454 313	26	9.472 661	28	0.527 311	9.981 649	3	462	
539	9.454 339	25	9.472 689	28	0.527 283	9.981 647	2	461	
		26		28			2		25
.540	9.454 364	25	9.472 717	28	0.527 255	9.981 645	2	.460	1 2.5
541	9.454 390	26	9.472 745	28	0.527 227	9.981 643	3	459	2 5.0
542	9.454 415	25	9.472 773	27	0.527 200	9.981 640	2	458	3 7.5
543	9.454 441	26	9.472 800	28	0.527 172	9.981 638	3	457	4 10.0
		25		28			2		5 12.5
544	9.454 466	26	9.472 828	28	0.527 144	9.981 636	2	456	6 15.0
545	9.454 492	25	9.472 856	28	0.527 116	9.981 634	2	455	7 17.5
546	9.454 517	26	9.472 884	27	0.527 089	9.981 631	3	454	8 20.0
		26		28			2		9 22.5
547	9.454 543	25	9.472 911	28	0.527 061	9.981 629	2	453	
548	9.454 568	26	9.472 939	28	0.527 033	9.981 627	3	452	
549	9.454 594	25	9.472 967	28	0.527 005	9.981 625	2	451	
		26		28			2		
.550	9.454 619	25	9.472 995	28	0.527 005	9.981 625	2	.450	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.500 — 73°.450

16°.550 — 16°.600

16°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.454 619	26	9.472 995	27	0.527 005	9.981 625	3	.450	
551	9.454 645	25	9.473 022	28	0.526 978	9.981 622	2	449	
552	9.454 670	26	9.473 050	28	0.526 950	9.981 620	2	448	
553	9.454 696	25	9.473 078	28	0.526 922	9.981 618	2	447	
554	9.454 721	26	9.473 106	27	0.526 894	9.981 616	3	446	28
555	9.454 747	25	9.473 133	28	0.526 867	9.981 613	2	445	1 2.8
556	9.454 772	26	9.473 161	28	0.526 839	9.981 611	2	444	2 5.6
557	9.454 798	25	9.473 189	28	0.526 811	9.981 609	2	443	3 8.4
558	9.454 823	26	9.473 217	27	0.526 783	9.981 606	3	442	4 11.2
559	9.454 849	25	9.473 244	28	0.526 756	9.981 604	2	441	5 14.0
.560	9.454 874	26	9.473 272	28	0.526 728	9.981 602	2	.440	6 16.8
561	9.454 900	25	9.473 300	28	0.526 700	9.981 600	2	439	7 19.6
562	9.454 925	26	9.473 328	27	0.526 672	9.981 597	3	438	8 22.4
563	9.454 951	25	9.473 355	28	0.526 645	9.981 595	2	437	9 25.2
564	9.454 976	26	9.473 383	28	0.526 617	9.981 593	2	436	
565	9.455 002	25	9.473 411	28	0.526 589	9.981 591	2	435	
566	9.455 027	26	9.473 439	27	0.526 561	9.981 588	3	434	27
567	9.455 053	25	9.473 466	28	0.526 534	9.981 586	2	433	1 2.7
568	9.455 078	26	9.473 494	28	0.526 506	9.981 584	2	432	2 5.4
569	9.455 104	25	9.473 522	28	0.526 478	9.981 582	2	431	3 8.1
.570	9.455 129	26	9.473 550	27	0.526 450	9.981 579	3	.430	4 10.8
571	9.455 155	25	9.473 577	28	0.526 423	9.981 577	2	429	5 13.5
572	9.455 180	26	9.473 605	28	0.526 395	9.981 575	2	428	6 16.2
573	9.455 205	25	9.473 633	28	0.526 367	9.981 573	2	427	7 18.9
574	9.455 231	26	9.473 661	27	0.526 339	9.981 570	3	426	8 21.6
575	9.455 256	25	9.473 688	28	0.526 312	9.981 568	2	425	9 24.3
576	9.455 282	26	9.473 716	28	0.526 284	9.981 566	2	424	
577	9.455 307	25	9.473 744	27	0.526 256	9.981 564	2	423	
578	9.455 333	26	9.473 771	28	0.526 229	9.981 561	3	422	26
579	9.455 358	25	9.473 799	28	0.526 201	9.981 559	2	421	1 2.6
.580	9.455 384	26	9.473 827	28	0.526 173	9.981 557	2	.420	2 5.2
581	9.455 409	25	9.473 855	27	0.526 145	9.981 555	2	419	3 7.8
582	9.455 435	26	9.473 882	28	0.526 118	9.981 552	3	418	4 10.4
583	9.455 460	25	9.473 910	28	0.526 090	9.981 550	2	417	5 13.0
584	9.455 486	26	9.473 938	27	0.526 062	9.981 548	2	416	6 15.6
585	9.455 511	25	9.473 965	28	0.526 035	9.981 546	2	415	7 18.2
586	9.455 536	26	9.473 993	28	0.526 007	9.981 543	3	414	8 20.8
587	9.455 562	25	9.474 021	27	0.525 979	9.981 541	2	413	9 23.4
588	9.455 587	26	9.474 049	28	0.525 951	9.981 539	2	412	
589	9.455 613	25	9.474 076	28	0.525 924	9.981 537	2	411	
.590	9.455 638	26	9.474 104	28	0.525 896	9.981 534	3	.410	25
591	9.455 664	25	9.474 132	27	0.525 868	9.981 532	2	409	1 2.5
592	9.455 689	26	9.474 159	28	0.525 841	9.981 530	2	408	2 5.0
593	9.455 715	25	9.474 187	28	0.525 813	9.981 528	2	407	3 7.5
594	9.455 740	26	9.474 215	27	0.525 785	9.981 525	3	406	4 10.0
595	9.455 765	25	9.474 242	28	0.525 758	9.981 523	2	405	5 12.5
596	9.455 791	26	9.474 270	28	0.525 730	9.981 521	2	404	6 15.0
597	9.455 816	25	9.474 298	27	0.525 702	9.981 518	3	403	7 17.5
598	9.455 842	26	9.474 325	28	0.525 675	9.981 516	2	402	8 20.0
599	9.455 867	25	9.474 353	28	0.525 647	9.981 514	2	401	9 22.5
.600	9.455 893	26	9.474 381	28	0.525 619	9.981 512	2	.400	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.450 — 73°.400

16°.600 — 16°.650

16°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.455 893		9.474 381		0.525 619	9.981 512		.400	
601	9.455 918	25	9.474 409	28	0.525 591	9.981 509	3	399	
602	9.455 943	25	9.474 436	27	0.525 564	9.981 507	2	398	
603	9.455 969	26	9.474 464	28	0.525 536	9.981 505	2	397	
604	9.455 994	25	9.474 492	28	0.525 508	9.981 503	2	396	28
605	9.456 020	26	9.474 519	27	0.525 481	9.981 500	3	395	1 2.8
606	9.456 045	25	9.474 547	28	0.525 453	9.981 498	2	394	2 5.6
607	9.456 071	26	9.474 575	28	0.525 425	9.981 496	2	393	3 8.4
608	9.456 096	25	9.474 602	27	0.525 398	9.981 494	2	392	4 11.2
609	9.456 121	25	9.474 630	28	0.525 370	9.981 491	3	391	5 14.0
		26		28			2		6 16.8
.610	9.456 147	25	9.474 658	27	0.525 342	9.981 489	2	.390	7 19.6
611	9.456 172	26	9.474 685	28	0.525 315	9.981 487	2	389	8 22.4
612	9.456 198	25	9.474 713	28	0.525 287	9.981 485	2	388	9 25.2
613	9.456 223	25	9.474 741	28	0.525 259	9.981 482	3	387	
614	9.456 248	25	9.474 768	27	0.525 232	9.981 480	2	386	
615	9.456 274	26	9.474 796	28	0.525 204	9.981 478	2	385	
616	9.456 299	25	9.474 824	28	0.525 176	9.981 476	2	384	27
617	9.456 325	26	9.474 851	27	0.525 149	9.981 473	3	383	1 2.7
618	9.456 350	25	9.474 879	28	0.525 121	9.981 471	2	382	2 5.4
619	9.456 375	25	9.474 907	28	0.525 093	9.981 469	2	381	3 8.1
		26		27			3		4 10.8
.620	9.456 401	25	9.474 934	28	0.525 066	9.981 466	2	.380	5 13.5
621	9.456 426	26	9.474 962	28	0.525 038	9.981 464	2	379	6 16.2
622	9.456 452	25	9.474 990	27	0.525 010	9.981 462	2	378	7 18.9
623	9.456 477	25	9.475 017	28	0.524 983	9.981 460	2	377	8 21.6
624	9.456 502	25	9.475 045	28	0.524 955	9.981 457	3	376	9 24.3
625	9.456 528	26	9.475 073	28	0.524 927	9.981 455	2	375	
626	9.456 553	25	9.475 100	27	0.524 900	9.981 453	2	374	
627	9.456 578	25	9.475 128	28	0.524 872	9.981 451	2	373	26
628	9.456 604	26	9.475 155	27	0.524 845	9.981 448	3	372	1 2.6
629	9.456 629	25	9.475 183	28	0.524 817	9.981 446	2	371	2 5.2
		26		28			2		3 7.8
.630	9.456 655	25	9.475 211	27	0.524 789	9.981 444	2	.370	4 10.4
631	9.456 680	25	9.475 238	28	0.524 762	9.981 442	3	369	5 13.0
632	9.456 705	26	9.475 266	28	0.524 734	9.981 439	2	368	6 15.6
633	9.456 731	25	9.475 294	27	0.524 706	9.981 437	2	367	7 18.2
634	9.456 756	25	9.475 321	28	0.524 679	9.981 435	2	366	8 20.8
635	9.456 781	26	9.475 349	28	0.524 651	9.981 433	3	365	9 23.4
636	9.456 807	25	9.475 377	27	0.524 623	9.981 430	2	364	
637	9.456 832	26	9.475 404	28	0.524 596	9.981 428	2	363	
638	9.456 858	25	9.475 432	27	0.524 568	9.981 426	3	362	
639	9.456 883	25	9.475 459	28	0.524 541	9.981 423	2	361	25
		26		28			2		
.640	9.456 908	26	9.475 487	28	0.524 513	9.981 421	2	.360	1 2.5
641	9.456 934	25	9.475 515	27	0.524 485	9.981 419	2	359	2 5.0
642	9.456 959	25	9.475 542	28	0.524 458	9.981 417	2	358	3 7.5
643	9.456 984	25	9.475 570	28	0.524 430	9.981 414	3	357	4 10.0
644	9.457 010	26	9.475 598	28	0.524 402	9.981 412	2	356	5 12.5
645	9.457 035	25	9.475 625	27	0.524 375	9.981 410	2	355	6 15.0
646	9.457 060	25	9.475 653	28	0.524 347	9.981 408	2	354	7 17.5
647	9.457 086	26	9.475 680	27	0.524 320	9.981 405	3	353	8 20.0
648	9.457 111	25	9.475 708	28	0.524 292	9.981 403	2	352	9 22.5
649	9.457 136	25	9.475 736	28	0.524 264	9.981 401	2	351	
		26		27			2		
.650	9.457 162	26	9.475 763	27	0.524 237	9.981 399	2	.350	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.400 — 73°.350

16°.650 — 16°.700

16°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.457 162		9.475 763		0.524 237	9.981 399		.350	
651	9.457 187	25	9.475 791	28	0.524 209	9.981 396	3	349	
652	9.457 213	26	9.475 819	28	0.524 181	9.981 394	2	348	
653	9.457 238	25	9.475 846	27	0.524 154	9.981 392	2	347	
		25		28			3		28
654	9.457 263	26	9.475 874	27	0.524 126	9.981 389	2	346	1 2.8
655	9.457 289	25	9.475 901	28	0.524 099	9.981 387	2	345	2 5.6
656	9.457 314	25	9.475 929	28	0.524 071	9.981 385	2	344	3 8.4
		25		28			2		4 11.2
657	9.457 339	26	9.475 957	27	0.524 043	9.981 383	3	343	5 14.0
658	9.457 365	25	9.475 984	28	0.524 016	9.981 380	2	342	6 16.8
659	9.457 390		9.476 012		0.523 988	9.981 378		341	7 19.6
		25		27			2		8 22.4
.660	9.457 415	26	9.476 039	28	0.523 961	9.981 376	2	.340	9 25.2
661	9.457 441	25	9.476 067	28	0.523 933	9.981 374	3	339	
662	9.457 466	25	9.476 095	27	0.523 905	9.981 371	2	338	
663	9.457 491	26	9.476 122	28	0.523 878	9.981 369	2	337	
		25		27			2		27
664	9.457 517	25	9.476 150	27	0.523 850	9.981 367	2	336	1 2.7
665	9.457 542	25	9.476 177	28	0.523 823	9.981 365	3	335	2 5.4
666	9.457 567	25	9.476 205	27	0.523 795	9.981 362	2	334	3 8.1
		25		28			3		4 10.8
667	9.457 592	26	9.476 232	28	0.523 768	9.981 360	2	333	5 13.5
668	9.457 618	25	9.476 260	28	0.523 740	9.981 358	2	332	6 16.2
669	9.457 643	25	9.476 288	27	0.523 712	9.981 355	3	331	7 18.9
		25		27			2		8 21.6
.670	9.457 668	26	9.476 315	28	0.523 685	9.981 353	2	.330	9 24.3
671	9.457 694	25	9.476 343	27	0.523 657	9.981 351	3	329	
672	9.457 719	25	9.476 370	28	0.523 630	9.981 349	2	328	
673	9.457 744	26	9.476 398	28	0.523 602	9.981 346	3	327	
		25		27			2		
674	9.457 770	25	9.476 426	27	0.523 574	9.981 344	2	326	
675	9.457 795	25	9.476 453	28	0.523 547	9.981 342	2	325	
676	9.457 820	26	9.476 481	27	0.523 519	9.981 340	3	324	
		25		28			2		
677	9.457 846	25	9.476 508	27	0.523 492	9.981 337	3	323	26
678	9.457 871	25	9.476 536	27	0.523 464	9.981 335	2	322	
679	9.457 896	25	9.476 563	28	0.523 437	9.981 333	3	321	1 2.6
		25		28			2		2 5.2
.680	9.457 921	26	9.476 591	28	0.523 409	9.981 330	2	.320	3 7.8
681	9.457 947	25	9.476 619	27	0.523 381	9.981 328	3	319	4 10.4
682	9.457 972	25	9.476 646	28	0.523 354	9.981 326	2	318	5 13.0
683	9.457 997	26	9.476 674	27	0.523 326	9.981 324	3	317	6 15.6
		25		28			2		7 18.2
684	9.458 023	25	9.476 701	27	0.523 299	9.981 321	3	316	8 20.8
685	9.458 048	25	9.476 729	27	0.523 271	9.981 319	2	315	9 23.4
686	9.458 073	26	9.476 756	28	0.523 244	9.981 317	2	314	
		25		27			3		
687	9.458 099	25	9.476 784	27	0.523 216	9.981 315	2	313	
688	9.458 124	25	9.476 811	28	0.523 189	9.981 312	3	312	
689	9.458 149	25	9.476 839	28	0.523 161	9.981 310	2	311	
		25		28			2		25
.690	9.458 174	26	9.476 867	27	0.523 133	9.981 308	3	.310	1 2.5
691	9.458 200	25	9.476 894	28	0.523 106	9.981 305	2	309	2 5.0
692	9.458 225	25	9.476 922	27	0.523 078	9.981 303	3	308	3 7.5
693	9.458 250	25	9.476 949	28	0.523 051	9.981 301	2	307	4 10.0
		25		27			2		5 12.5
694	9.458 275	26	9.476 977	27	0.523 023	9.981 299	3	306	6 15.0
695	9.458 301	25	9.477 004	28	0.522 996	9.981 296	2	305	7 17.5
696	9.458 326	25	9.477 032	27	0.522 968	9.981 294	3	304	8 20.0
		25		28			2		9 22.5
697	9.458 351	26	9.477 059	27	0.522 941	9.981 292	2	303	
698	9.458 377	25	9.477 087	28	0.522 913	9.981 290	3	302	
699	9.458 402	25	9.477 115	27	0.522 885	9.981 287	2	301	
		25		27			2		
.700	9.458 427	26	9.477 142	28	0.522 858	9.981 285	3	.300	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.350 — 73°.300

16°.700 — 16°.750

16°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.458 427		9.477 142		0.522 858	9.981 285		.300	
701	9.458 452	25	9.477 170	28	0.522 830	9.981 283	2	299	
702	9.458 478	26	9.477 197	27	0.522 803	9.981 280	3	298	
703	9.458 503	25	9.477 225	28	0.522 775	9.981 278	2	297	
704	9.458 528	25	9.477 252	27	0.522 748	9.981 276	2	296	28
705	9.458 553	25	9.477 280	28	0.522 720	9.981 274	2	295	1 2.8
706	9.458 579	26	9.477 307	27	0.522 693	9.981 271	3	294	2 5.6
707	9.458 604	25	9.477 335	28	0.522 665	9.981 269	2	293	3 8.4
708	9.458 629	25	9.477 362	27	0.522 638	9.981 267	2	292	4 11.2
709	9.458 654	25	9.477 390	28	0.522 610	9.981 265	2	291	5 14.0
.710	9.458 680	26	9.477 417	27	0.522 583	9.981 262	3	.290	6 16.8
		25		28			2	289	7 19.6
711	9.458 705	25	9.477 445	27	0.522 555	9.981 260	2	288	8 22.4
712	9.458 730	25	9.477 472	28	0.522 528	9.981 258	2	287	9 25.2
713	9.458 755	25	9.477 500	28	0.522 500	9.981 255	3		
714	9.458 781	26	9.477 527	27	0.522 473	9.981 253	2	286	
715	9.458 806	25	9.477 555	28	0.522 445	9.981 251	2	285	
716	9.458 831	25	9.477 583	28	0.522 417	9.981 249	2	284	27
717	9.458 856	25	9.477 610	27	0.522 390	9.981 246	3	283	1 2.7
718	9.458 882	26	9.477 638	28	0.522 362	9.981 244	2	282	2 5.4
719	9.458 907	25	9.477 665	27	0.522 335	9.981 242	2	281	3 8.1
.720	9.458 932	25	9.477 693	28	0.522 307	9.981 240	2	.280	4 10.8
		25		27			3	279	5 13.5
721	9.458 957	26	9.477 720	28	0.522 280	9.981 237	2	278	6 16.2
722	9.458 983	25	9.477 748	27	0.522 252	9.981 235	2	277	7 18.9
723	9.459 008	25	9.477 775	28	0.522 225	9.981 233	2		8 21.6
724	9.459 033	25	9.477 803	27	0.522 197	9.981 230	3	276	9 24.3
725	9.459 058	25	9.477 830	28	0.522 170	9.981 228	2	275	
726	9.459 083	25	9.477 858	28	0.522 142	9.981 226	2	274	
727	9.459 109	26	9.477 885	27	0.522 115	9.981 224	2	273	26
728	9.459 134	25	9.477 913	28	0.522 087	9.981 221	3	272	
729	9.459 159	25	9.477 940	27	0.522 060	9.981 219	2	271	1 2.6
.730	9.459 184	25	9.477 968	28	0.522 032	9.981 217	2	.270	2 5.2
		26		27			3	269	3 7.8
731	9.459 210	25	9.477 995	28	0.522 005	9.981 214	2	268	4 10.4
732	9.459 235	25	9.478 023	27	0.521 977	9.981 212	2	267	5 13.0
733	9.459 260	25	9.478 050	28	0.521 950	9.981 210	2		6 15.6
734	9.459 285	25	9.478 078	27	0.521 922	9.981 208	2	266	7 18.2
735	9.459 310	25	9.478 105	28	0.521 895	9.981 205	3	265	8 20.8
736	9.459 336	26	9.478 133	27	0.521 867	9.981 203	2	264	9 23.4
737	9.459 361	25	9.478 160	28	0.521 840	9.981 201	2	263	
738	9.459 386	25	9.478 188	27	0.521 812	9.981 199	2	262	
739	9.459 411	25	9.478 215	27	0.521 785	9.981 196	3	261	
.740	9.459 436	25	9.478 242	27	0.521 758	9.981 194	2	.260	25
		26		28			2		1 2.5
741	9.459 462	26	9.478 270	28	0.521 730	9.981 192	2	259	2 5.0
742	9.459 487	25	9.478 297	27	0.521 703	9.981 189	3	258	3 7.5
743	9.459 512	25	9.478 325	28	0.521 675	9.981 187	2	257	4 10.0
744	9.459 537	25	9.478 352	27	0.521 648	9.981 185	2	256	5 12.5
745	9.459 562	25	9.478 380	28	0.521 620	9.981 183	2	255	6 15.0
746	9.459 588	26	9.478 407	27	0.521 593	9.981 180	3	254	7 17.5
747	9.459 613	25	9.478 435	28	0.521 565	9.981 178	2	253	8 20.0
748	9.459 638	25	9.478 462	27	0.521 538	9.981 176	2	252	9 22.5
749	9.459 663	25	9.478 490	28	0.521 510	9.981 173	3	251	
.750	9.459 688	25	9.478 517	27	0.521 483	9.981 171	2	.250	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.300 — 73°.250

16°.750 — 16°.800

16°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.459 688		9.478 517		0.521 483	9.981 171		.250	
751	9.459 714	26	9.478 545	28	0.521 455	9.981 169	2	249	
752	9.459 739	25	9.478 572	27	0.521 428	9.981 167	2	248	
753	9.459 764	25	9.478 600	28	0.521 400	9.981 164	3	247	
		25		27			2		28
754	9.459 789	25	9.478 627	27	0.521 373	9.981 162	2	246	
755	9.459 814	25	9.478 655	28	0.521 345	9.981 160	2	245	1 2.8
756	9.459 839	25	9.478 682	27	0.521 318	9.981 157	3	244	2 5.6
		26		27			2		3 8.4
757	9.459 865	25	9.478 709	27	0.521 291	9.981 155	2	243	4 11.2
758	9.459 890	25	9.478 737	28	0.521 263	9.981 153	2	242	5 14.0
759	9.459 915	25	9.478 764	27	0.521 236	9.981 151	2	241	6 16.8
		25		28			3		7 19.6
.760	9.459 940		9.478 792		0.521 208	9.981 148		.240	8 22.4
		25		27			2		9 25.2
761	9.459 965	25	9.478 819	27	0.521 181	9.981 146	2	239	
762	9.459 990	25	9.478 847	28	0.521 153	9.981 144	2	238	
763	9.460 016	26	9.478 874	27	0.521 126	9.981 141	3	237	
		25		28			2		
764	9.460 041	25	9.478 902	27	0.521 098	9.981 139	2	236	
765	9.460 066	25	9.478 929	27	0.521 071	9.981 137	2	235	
766	9.460 091	25	9.478 956	27	0.521 044	9.981 135	2	234	27
		25		28			3		1 2.7
767	9.460 116	25	9.478 984	27	0.521 016	9.981 132	2	233	2 5.4
768	9.460 141	25	9.479 011	27	0.520 989	9.981 130	2	232	3 8.1
769	9.460 167	26	9.479 039	28	0.520 961	9.981 128	2	231	4 10.8
		25		27			3		5 13.5
.770	9.460 192		9.479 066		0.520 934	9.981 125		.230	6 16.2
		25		28			2		7 18.9
771	9.460 217	25	9.479 094	27	0.520 906	9.981 123	2	229	8 21.6
772	9.460 242	25	9.479 121	28	0.520 879	9.981 121	2	228	9 24.3
773	9.460 267	25	9.479 149	27	0.520 851	9.981 119	2	227	
		25		27			3		
774	9.460 292	25	9.479 176	27	0.520 824	9.981 116	2	226	
775	9.460 317	25	9.479 203	27	0.520 797	9.981 114	2	225	
776	9.460 343	26	9.479 231	28	0.520 769	9.981 112	2	224	
		25		27			2		
777	9.460 368	25	9.479 258	27	0.520 742	9.981 110	2	223	26
778	9.460 393	25	9.479 286	28	0.520 714	9.981 107	3	222	1 2.6
779	9.460 418	25	9.479 313	27	0.520 687	9.981 105	2	221	2 5.2
		25		28			2		3 7.8
.780	9.460 443		9.479 341		0.520 659	9.981 103		.220	4 10.4
		25		27			3		5 13.0
781	9.460 468	25	9.479 368	27	0.520 632	9.981 100	2	219	6 15.6
782	9.460 493	25	9.479 395	27	0.520 605	9.981 098	2	218	7 18.2
783	9.460 519	26	9.479 423	28	0.520 577	9.981 096	2	217	8 20.8
		25		27			2		9 23.4
784	9.460 544	25	9.479 450	27	0.520 550	9.981 094	2	216	
785	9.460 569	25	9.479 478	28	0.520 522	9.981 091	3	215	
786	9.460 594	25	9.479 505	27	0.520 495	9.981 089	2	214	
		25		27			2		
787	9.460 619	25	9.479 532	27	0.520 468	9.981 087	2	213	
788	9.460 644	25	9.479 560	28	0.520 440	9.981 084	3	212	
789	9.460 669	25	9.479 587	27	0.520 413	9.981 082	2	211	
		25		28			2		25
.790	9.460 694		9.479 615		0.520 385	9.981 080		.210	1 2.5
		26		27			3		2 5.0
791	9.460 720	25	9.479 642	27	0.520 358	9.981 077	2	209	3 7.5
792	9.460 745	25	9.479 670	28	0.520 330	9.981 075	2	208	4 10.0
793	9.460 770	25	9.479 697	27	0.520 303	9.981 073	2	207	5 12.5
		25		27			2		6 15.0
794	9.460 795	25	9.479 724	27	0.520 276	9.981 071	2	206	7 17.5
795	9.460 820	25	9.479 752	28	0.520 248	9.981 068	3	205	8 20.0
796	9.460 845	25	9.479 779	27	0.520 221	9.981 066	2	204	9 22.5
		25		28			2		
797	9.460 870	25	9.479 807	27	0.520 193	9.981 064	2	203	
798	9.460 895	25	9.479 834	27	0.520 166	9.981 061	3	202	
799	9.460 921	26	9.479 861	27	0.520 139	9.981 059	2	201	
		25		28			2		
.800	9.460 946		9.479 889		0.520 111	9.981 057		.200	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.250 — 73°.200

16°.800 — 16°.850

16°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.460 946		9.479 889		0.520 111	9.981 057		.200	
801	9.460 971	25	9.479 916	27	0.520 084	9.981 055	2	199	
802	9.460 996	25	9.479 944	28	0.520 056	9.981 052	3	198	
803	9.461 021	25	9.479 971	27	0.520 029	9.981 050	2	197	
804	9.461 046	25	9.479 998	27	0.520 002	9.981 048	2	196	28
805	9.461 071	25	9.480 026	28	0.519 974	9.981 045	3	195	1 2.8
806	9.461 096	25	9.480 053	27	0.519 947	9.981 043	2	194	2 5.6
807	9.461 121	25	9.480 080	27	0.519 920	9.981 041	2	193	3 8.4
808	9.461 146	25	9.480 108	28	0.519 892	9.981 039	2	192	4 11.2
809	9.461 172	26	9.480 135	27	0.519 865	9.981 036	3	191	5 14.0
.810	9.461 197	25	9.480 163	28	0.519 837	9.981 034	2	.190	6 16.8
		25		27			2		7 19.6
811	9.461 222	25	9.480 190	27	0.519 810	9.981 032	2	189	8 22.4
812	9.461 247	25	9.480 217	27	0.519 783	9.981 029	3	188	9 25.2
813	9.461 272	25	9.480 245	28	0.519 755	9.981 027	2	187	
814	9.461 297	25	9.480 272	27	0.519 728	9.981 025	2	186	
815	9.461 322	25	9.480 299	27	0.519 701	9.981 023	2	185	
816	9.461 347	25	9.480 327	28	0.519 673	9.981 020	3	184	27
817	9.461 372	25	9.480 354	27	0.519 646	9.981 018	2	183	1 2.7
818	9.461 397	25	9.480 382	28	0.519 618	9.981 016	2	182	2 5.4
819	9.461 422	25	9.480 409	27	0.519 591	9.981 013	3	181	3 8.1
.820	9.461 447	25	9.480 436	27	0.519 564	9.981 011	2	.180	4 10.8
		25		28			2		5 13.5
821	9.461 472	26	9.480 464	27	0.519 536	9.981 009	2	179	6 16.2
822	9.461 498	25	9.480 491	27	0.519 509	9.981 007	2	178	7 18.9
823	9.461 523	25	9.480 518	27	0.519 482	9.981 004	3	177	8 21.6
824	9.461 548	25	9.480 546	28	0.519 454	9.981 002	2	176	9 24.3
825	9.461 573	25	9.480 573	27	0.519 427	9.981 000	2	175	
826	9.461 598	25	9.480 600	27	0.519 400	9.980 997	3	174	
827	9.461 623	25	9.480 628	28	0.519 372	9.980 995	2	173	26
828	9.461 648	25	9.480 655	27	0.519 345	9.980 993	2	172	1 2.6
829	9.461 673	25	9.480 683	28	0.519 317	9.980 990	3	171	2 5.2
.830	9.461 698	25	9.480 710	27	0.519 290	9.980 988	2	.170	3 7.8
		25		27			2		4 10.4
831	9.461 723	25	9.480 737	28	0.519 263	9.980 986	2	169	5 13.0
832	9.461 748	25	9.480 765	27	0.519 235	9.980 984	2	168	6 15.6
833	9.461 773	25	9.480 792	27	0.519 208	9.980 981	3	167	7 18.2
834	9.461 798	25	9.480 819	27	0.519 181	9.980 979	2	166	8 20.8
835	9.461 823	25	9.480 847	28	0.519 153	9.980 977	2	165	9 23.4
836	9.461 848	25	9.480 874	27	0.519 126	9.980 974	3	164	
837	9.461 873	25	9.480 901	27	0.519 099	9.980 972	2	163	
838	9.461 898	25	9.480 929	28	0.519 071	9.980 970	2	162	
839	9.461 924	26	9.480 956	27	0.519 044	9.980 968	2	161	
.840	9.461 949	25	9.480 983	27	0.519 017	9.980 965	3	.160	25
		25		28			2		1 2.5
841	9.461 974	25	9.481 011	27	0.518 989	9.980 963	2	159	2 5.0
842	9.461 999	25	9.481 038	27	0.518 962	9.980 961	2	158	3 7.5
843	9.462 024	25	9.481 065	27	0.518 935	9.980 958	3	157	4 10.0
844	9.462 049	25	9.481 093	28	0.518 907	9.980 956	2	156	5 12.5
845	9.462 074	25	9.481 120	27	0.518 880	9.980 954	2	155	6 15.0
846	9.462 099	25	9.481 147	27	0.518 853	9.980 951	3	154	7 17.5
847	9.462 124	25	9.481 175	28	0.518 825	9.980 949	2	153	8 20.0
848	9.462 149	25	9.481 202	27	0.518 798	9.980 947	2	152	9 22.5
849	9.462 174	25	9.481 229	27	0.518 771	9.980 945	2	151	
.850	9.462 199	25	9.481 257	28	0.518 743	9.980 942	3	.150	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.200 — 73°.150

16°.850 — 16°.900

16°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.462 199		9.481 257		0.518 743	9.980 942		.150	
851	9.462 224	25	9.481 284	27	0.518 716	9.980 940	2	149	
852	9.462 249	25	9.481 311	27	0.518 689	9.980 938	2	148	
853	9.462 274	25	9.481 339	28	0.518 661	9.980 935	3	147	
		25		27			2		28
854	9.462 299	25	9.481 366	27	0.518 634	9.980 933	2	146	
855	9.462 324	25	9.481 393	27	0.518 607	9.980 931	2	145	1 2.8
856	9.462 349	25	9.481 421	28	0.518 579	9.980 929	2	144	2 5.6
		25		27			3		3 8.4
857	9.462 374	25	9.481 448	27	0.518 552	9.980 926	3	143	4 11.2
858	9.462 399	25	9.481 475	27	0.518 525	9.980 924	2	142	5 14.0
859	9.462 424	25	9.481 502	27	0.518 498	9.980 922	2	141	6 16.8
		25		28			3		7 19.6
.860	9.462 449		9.481 530		0.518 470	9.980 919		.140	8 22.4
		25		27			2		9 25.2
861	9.462 474	25	9.481 557	27	0.518 443	9.980 917	2	139	
862	9.462 499	25	9.481 584	27	0.518 416	9.980 915	2	138	
863	9.462 524	25	9.481 612	28	0.518 388	9.980 912	3	137	
		25		27			2		27
864	9.462 549	25	9.481 639	27	0.518 361	9.980 910	2	136	
865	9.462 574	25	9.481 666	27	0.518 334	9.980 908	2	135	
866	9.462 599	25	9.481 694	28	0.518 306	9.980 906	2	134	
		25		27			3		1 2.7
867	9.462 624	25	9.481 721	27	0.518 279	9.980 903	2	133	2 5.4
868	9.462 649	25	9.481 748	27	0.518 252	9.980 901	2	132	3 8.1
869	9.462 674	25	9.481 776	28	0.518 224	9.980 899	2	131	4 10.8
		25		27			3		5 13.5
.870	9.462 699		9.481 803		0.518 197	9.980 896		.130	6 16.2
		25		27			2		7 18.9
871	9.462 724	25	9.481 830	27	0.518 170	9.980 894	2	129	8 21.6
872	9.462 749	25	9.481 857	27	0.518 143	9.980 892	2	128	9 24.3
873	9.462 774	25	9.481 885	28	0.518 115	9.980 889	3	127	
		25		27			2		
874	9.462 799	25	9.481 912	27	0.518 088	9.980 887	2	126	
875	9.462 824	25	9.481 939	27	0.518 061	9.980 885	2	125	
876	9.462 849	25	9.481 967	28	0.518 033	9.980 883	2	124	
		25		27			3		25
877	9.462 874	25	9.481 994	27	0.518 006	9.980 880	2	123	
878	9.462 899	25	9.482 021	27	0.517 979	9.980 878	2	122	
879	9.462 924	25	9.482 048	27	0.517 952	9.980 876	2	121	
		25		28			3		1 2.5
.880	9.462 949		9.482 076		0.517 924	9.980 873		.120	2 5.0
		25		27			2		3 7.5
881	9.462 974	25	9.482 103	27	0.517 897	9.980 871	2	119	4 10.0
882	9.462 999	25	9.482 130	27	0.517 870	9.980 869	2	118	5 12.5
883	9.463 024	25	9.482 158	28	0.517 842	9.980 866	3	117	6 15.0
		25		27			2		7 17.5
884	9.463 049	25	9.482 185	27	0.517 815	9.980 864	2	116	8 20.0
885	9.463 074	25	9.482 212	27	0.517 788	9.980 862	2	115	9 22.5
886	9.463 099	25	9.482 239	27	0.517 761	9.980 860	2	114	
		25		28			3		
887	9.463 124	25	9.482 267	27	0.517 733	9.980 857	2	113	
888	9.463 149	25	9.482 294	27	0.517 706	9.980 855	2	112	
889	9.463 174	25	9.482 321	27	0.517 679	9.980 853	2	111	
		25		27			3		24
.890	9.463 199		9.482 348		0.517 652	9.980 850		.110	1 2.4
		25		28			2		2 4.8
891	9.463 224	25	9.482 376	27	0.517 624	9.980 848	2	109	3 7.2
892	9.463 249	25	9.482 403	27	0.517 597	9.980 846	2	108	4 9.6
893	9.463 274	25	9.482 430	27	0.517 570	9.980 843	3	107	5 12.0
		25		27			2		6 14.4
894	9.463 299	25	9.482 457	27	0.517 543	9.980 841	2	106	7 16.8
895	9.463 324	25	9.482 485	28	0.517 515	9.980 839	2	105	8 19.2
896	9.463 349	25	9.482 512	27	0.517 488	9.980 837	2	104	9 21.6
		24		27			3		
897	9.463 373	25	9.482 539	27	0.517 461	9.980 834	2	103	
898	9.463 398	25	9.482 566	27	0.517 434	9.980 832	2	102	
899	9.463 423	25	9.482 594	28	0.517 406	9.980 830	2	101	
		25		27			3		
.900	9.463 448		9.482 621		0.517 379	9.980 827		.100	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.150 — 73°.100

16°.900 — 16°.950

16°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.463 448		9.482 621		0.517 379	9.980 827		.100	
901	9.463 473	25	9.482 648	27	0.517 352	9.980 825	2	099	
902	9.463 498	25	9.482 675	27	0.517 325	9.980 823	2	098	
903	9.463 523	25	9.482 703	28	0.517 297	9.980 820	3	097	
		25		27			2		28
904	9.463 548	25	9.482 730	27	0.517 270	9.980 818	2	096	1 2.8
905	9.463 573	25	9.482 757	27	0.517 243	9.980 816	2	095	2 5.6
906	9.463 598	25	9.482 784	27	0.517 216	9.980 814	2	094	3 8.4
		25		28			3		4 11.2
907	9.463 623	25	9.482 812	27	0.517 188	9.980 811	2	093	5 14.0
908	9.463 648	25	9.482 839	27	0.517 161	9.980 809	2	092	6 16.8
909	9.463 673	25	9.482 866	27	0.517 134	9.980 807	3	091	7 19.6
		25		27			2		8 22.4
.910	9.463 698		9.482 893		0.517 107	9.980 804		.090	9 25.2
		25		28			3		
911	9.463 723	25	9.482 921	27	0.517 079	9.980 802	2	089	
912	9.463 748	25	9.482 948	27	0.517 052	9.980 800	2	088	
913	9.463 773	25	9.482 975	27	0.517 025	9.980 797	3	087	
		24		27			2		27
914	9.463 797	25	9.483 002	27	0.516 998	9.980 795	2	086	1 2.7
915	9.463 822	25	9.483 030	28	0.516 970	9.980 793	2	085	2 5.4
916	9.463 847	25	9.483 057	27	0.516 943	9.980 790	3	084	3 8.1
		25		27			2		4 10.8
917	9.463 872	25	9.483 084	27	0.516 916	9.980 788	2	083	5 13.5
918	9.463 897	25	9.483 111	27	0.516 889	9.980 786	2	082	6 16.2
919	9.463 922	25	9.483 138	27	0.516 862	9.980 784	2	081	7 18.9
		25		28			3		8 21.6
.920	9.463 947		9.483 166		0.516 834	9.980 781		.080	9 24.3
		25		27			2		
921	9.463 972	25	9.483 193	27	0.516 807	9.980 779	2	079	
922	9.463 997	25	9.483 220	27	0.516 780	9.980 777	2	078	
923	9.464 022	25	9.483 247	27	0.516 753	9.980 774	3	077	
		25		28			2		
924	9.464 047	25	9.483 275	27	0.516 725	9.980 772	2	076	
925	9.464 072	25	9.483 302	27	0.516 698	9.980 770	2	075	
926	9.464 096	24	9.483 329	27	0.516 671	9.980 767	3	074	
		25		27			2		
927	9.464 121	25	9.483 356	27	0.516 644	9.980 765	2	073	25
928	9.464 146	25	9.483 383	27	0.516 617	9.980 763	2	072	1 2.5
929	9.464 171	25	9.483 411	28	0.516 589	9.980 760	3	071	2 5.0
		25		27			2		3 7.5
.930	9.464 196		9.483 438		0.516 562	9.980 758		.070	4 10.0
		25		27			2		5 12.5
931	9.464 221	25	9.483 465	27	0.516 535	9.980 756	2	069	6 15.0
932	9.464 246	25	9.483 492	27	0.516 508	9.980 754	2	068	7 17.5
933	9.464 271	25	9.483 519	27	0.516 481	9.980 751	3	067	8 20.0
		25		28			2		9 22.5
934	9.464 296	25	9.483 547	27	0.516 453	9.980 749	2	066	
935	9.464 321	25	9.483 574	27	0.516 426	9.980 747	2	065	
936	9.464 345	24	9.483 601	27	0.516 399	9.980 744	3	064	
		25		27			2		
937	9.464 370	25	9.483 628	27	0.516 372	9.980 742	2	063	
938	9.464 395	25	9.483 655	27	0.516 345	9.980 740	2	062	
939	9.464 420	25	9.483 683	28	0.516 317	9.980 737	3	061	
		25		27			2		24
.940	9.464 445		9.483 710		0.516 290	9.980 735		.060	1 2.4
		25		27			2		2 4.8
941	9.464 470	25	9.483 737	27	0.516 263	9.980 733	2	059	3 7.2
942	9.464 495	25	9.483 764	27	0.516 236	9.980 730	3	058	4 9.6
943	9.464 520	25	9.483 791	27	0.516 209	9.980 728	2	057	5 12.0
		25		28			2		6 14.4
944	9.464 545	25	9.483 819	27	0.516 181	9.980 726	2	056	7 16.8
945	9.464 569	24	9.483 846	27	0.516 154	9.980 724	2	055	8 19.2
946	9.464 594	25	9.483 873	27	0.516 127	9.980 721	3	054	9 21.6
		25		27			2		
947	9.464 619	25	9.483 900	27	0.516 100	9.980 719	2	053	
948	9.464 644	25	9.483 927	27	0.516 073	9.980 717	2	052	
949	9.464 669	25	9.483 955	28	0.516 045	9.980 714	3	051	
		25		27			2		
.950	9.464 694		9.483 982		0.516 018	9.980 712		.050	
		25		27			2		
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.100 — 73°.050

16°.950 — 17°.000

16°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.464 694		9.483 982		0.516 018	9.980 712		.050	
951	9.464 719	25	9.484 009	27	0.515 991	9.980 710	2	049	
952	9.464 744	25	9.484 036	27	0.515 964	9.980 707	3	048	
953	9.464 768	24	9.484 063	27	0.515 937	9.980 705	2	047	
		25		27			2		28
954	9.464 793	25	9.484 090	27	0.515 910	9.980 703	2	046	
955	9.464 818	25	9.484 118	28	0.515 882	9.980 700	3	045	1 2.8
956	9.464 843	25	9.484 145	27	0.515 855	9.980 698	2	044	2 5.6
		25		27			2		3 8.4
957	9.464 868	25	9.484 172	27	0.515 828	9.980 696	2	043	4 11.2
958	9.464 893	25	9.484 199	27	0.515 801	9.980 694	2	042	5 14.0
959	9.464 918	25	9.484 226	27	0.515 774	9.980 691	3	041	6 16.8
		24		27			2		7 19.6
.960	9.464 942	25	9.484 253	28	0.515 747	9.980 689	2	.040	8 22.4
		25		27			2		9 25.2
961	9.464 967	25	9.484 281	27	0.515 719	9.980 687	3	039	
962	9.464 992	25	9.484 308	27	0.515 692	9.980 684	2	038	
963	9.465 017	25	9.484 335	27	0.515 665	9.980 682	2	037	
		25		27			2		27
964	9.465 042	25	9.484 362	27	0.515 638	9.980 680	3	036	
965	9.465 067	25	9.484 389	27	0.515 611	9.980 677	2	035	
966	9.465 091	24	9.484 416	27	0.515 584	9.980 675	2	034	1 2.7
		25		28			2		2 5.4
967	9.465 116	25	9.484 444	27	0.515 556	9.980 673	3	033	3 8.1
968	9.465 141	25	9.484 471	27	0.515 529	9.980 670	2	032	4 10.8
969	9.465 166	25	9.484 498	27	0.515 502	9.980 668	2	031	5 13.5
		25		27			2		6 16.2
.970	9.465 191	25	9.484 525	27	0.515 475	9.980 666	3	.030	7 18.9
		25		27			2		8 21.6
971	9.465 216	25	9.484 552	27	0.515 448	9.980 663	2	029	9 24.3
972	9.465 241	24	9.484 579	28	0.515 421	9.980 661	2	028	
973	9.465 265	25	9.484 607	27	0.515 393	9.980 659	2	027	
		25		27			2		026
974	9.465 290	25	9.484 634	27	0.515 366	9.980 657	3	025	
975	9.465 315	25	9.484 661	27	0.515 339	9.980 654	2	024	
976	9.465 340	25	9.484 688	27	0.515 312	9.980 652	2		
		25		27			2		25
977	9.465 365	25	9.484 715	27	0.515 285	9.980 650	3	023	
978	9.465 390	25	9.484 742	27	0.515 258	9.980 647	2	022	
979	9.465 414	24	9.484 769	27	0.515 231	9.980 645	2	021	1 2.5
		25		28			2		2 5.0
.980	9.465 439	25	9.484 797	27	0.515 203	9.980 643	3	.020	3 7.5
		25		27			2		4 10.0
981	9.465 464	25	9.484 824	27	0.515 176	9.980 640	2	019	5 12.5
982	9.465 489	25	9.484 851	27	0.515 149	9.980 638	2	018	6 15.0
983	9.465 514	24	9.484 878	27	0.515 122	9.980 636	3	017	7 17.5
		25		27			2		8 20.0
984	9.465 538	25	9.484 905	27	0.515 095	9.980 633	2	016	9 22.5
985	9.465 563	25	9.484 932	27	0.515 068	9.980 631	2	015	
986	9.465 588	25	9.484 959	27	0.515 041	9.980 629	3	014	
		25		27			2		
987	9.465 613	25	9.484 986	28	0.515 014	9.980 626	2	013	
988	9.465 638	25	9.485 014	27	0.514 986	9.980 624	2	012	
989	9.465 663	25	9.485 041	27	0.514 959	9.980 622	2	011	
		24		27			3		24
.990	9.465 687	25	9.485 068	27	0.514 932	9.980 619	2	.010	1 2.4
		25		27			2		2 4.8
991	9.465 712	25	9.485 095	27	0.514 905	9.980 617	2	009	3 7.2
992	9.465 737	25	9.485 122	27	0.514 878	9.980 615	2	008	4 9.6
993	9.465 762	25	9.485 149	27	0.514 851	9.980 613	2	007	5 12.0
		25		27			3		6 14.4
994	9.465 787	24	9.485 176	27	0.514 824	9.980 610	2	006	7 16.8
995	9.465 811	25	9.485 203	28	0.514 797	9.980 608	2	005	8 19.2
996	9.465 836	25	9.485 231	27	0.514 769	9.980 606	2	004	9 21.6
		25		27			3		
997	9.465 861	25	9.485 258	27	0.514 742	9.980 603	2	003	
998	9.465 886	25	9.485 285	27	0.514 715	9.980 601	2	002	
999	9.465 911	25	9.485 312	27	0.514 688	9.980 599	2	001	
		24		27			3		
*.000	9.465 935		9.485 339		0.514 661	9.980 596		.000	
	cos	d	cotg	d	tang	sin	d	73°	P.P.

73°.050 — 73°.000

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

17°.000 — 17°.050

17°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.465 935		9.485 339		0.514 661	9.980 596		*.000	
001	9.465 960	25	9.485 366	27	0.514 634	9.980 594	2	999	
002	9.465 985	25	9.485 393	27	0.514 607	9.980 592	2	998	
003	9.466 010	25	9.485 420	27	0.514 580	9.980 589	3	997	
004	9.466 034	24	9.485 447	27	0.514 553	9.980 587	2	996	28
005	9.466 059	25	9.485 475	28	0.514 525	9.980 585	2	995	1 2.8
006	9.466 084	25	9.485 502	27	0.514 498	9.980 582	3	994	2 5.6
007	9.466 109	25	9.485 529	27	0.514 471	9.980 580	2	993	3 8.4
008	9.466 134	25	9.485 556	27	0.514 444	9.980 578	2	992	4 11.2
009	9.466 158	24	9.485 583	27	0.514 417	9.980 575	3	991	5 14.0
.010	9.466 183	25	9.485 610	27	0.514 390	9.980 573	2	.990	6 16.8
011	9.466 208	25	9.485 637	27	0.514 363	9.980 571	2	989	7 19.6
012	9.466 233	25	9.485 664	27	0.514 336	9.980 568	3	988	8 22.4
013	9.466 258	25	9.485 691	27	0.514 309	9.980 566	2	987	9 25.2
014	9.466 282	24	9.485 718	27	0.514 282	9.980 564	2	986	
015	9.466 307	25	9.485 746	28	0.514 254	9.980 562	2	985	
016	9.466 332	25	9.485 773	27	0.514 227	9.980 559	3	984	27
017	9.466 357	25	9.485 800	27	0.514 200	9.980 557	2	983	1 2.7
018	9.466 381	24	9.485 827	27	0.514 173	9.980 555	2	982	2 5.4
019	9.466 406	25	9.485 854	27	0.514 146	9.980 552	3	981	3 8.1
.020	9.466 431	25	9.485 881	27	0.514 119	9.980 550	2	.980	4 10.8
021	9.466 456	25	9.485 908	27	0.514 092	9.980 548	2	979	5 13.5
022	9.466 480	24	9.485 935	27	0.514 065	9.980 545	3	978	6 16.2
023	9.466 505	25	9.485 962	27	0.514 038	9.980 543	2	977	7 18.9
024	9.466 530	25	9.485 989	27	0.514 011	9.980 541	2	976	8 21.6
025	9.466 555	25	9.486 016	27	0.513 984	9.980 538	3	975	9 24.3
026	9.466 579	24	9.486 043	27	0.513 957	9.980 536	2	974	
027	9.466 604	25	9.486 070	27	0.513 930	9.980 534	2	973	
028	9.466 629	25	9.486 098	28	0.513 902	9.980 531	3	972	25
029	9.466 654	25	9.486 125	27	0.513 875	9.980 529	2	971	1 2.5
.030	9.466 678	24	9.486 152	27	0.513 848	9.980 527	2	.970	2 5.0
031	9.466 703	25	9.486 179	27	0.513 821	9.980 524	3	969	3 7.5
032	9.466 728	25	9.486 206	27	0.513 794	9.980 522	2	968	4 10.0
033	9.466 753	25	9.486 233	27	0.513 767	9.980 520	2	967	5 12.5
034	9.466 777	24	9.486 260	27	0.513 740	9.980 517	3	966	6 15.0
035	9.466 802	25	9.486 287	27	0.513 713	9.980 515	2	965	7 17.5
036	9.466 827	25	9.486 314	27	0.513 686	9.980 513	2	964	8 20.0
037	9.466 852	25	9.486 341	27	0.513 659	9.980 510	3	963	9 22.5
038	9.466 876	24	9.486 368	27	0.513 632	9.980 508	2	962	
039	9.466 901	25	9.486 395	27	0.513 605	9.980 506	2	961	
.040	9.466 926	25	9.486 422	27	0.513 578	9.980 504	2	.960	24
041	9.466 951	25	9.486 449	27	0.513 551	9.980 501	3	959	1 2.4
042	9.466 975	24	9.486 476	27	0.513 524	9.980 499	2	958	2 4.8
043	9.467 000	25	9.486 503	27	0.513 497	9.980 497	2	957	3 7.2
044	9.467 025	25	9.486 531	28	0.513 469	9.980 494	3	956	4 9.6
045	9.467 049	24	9.486 558	27	0.513 442	9.980 492	2	955	5 12.0
046	9.467 074	25	9.486 585	27	0.513 415	9.980 490	2	954	6 14.4
047	9.467 099	25	9.486 612	27	0.513 388	9.980 487	3	953	7 16.8
048	9.467 124	25	9.486 639	27	0.513 361	9.980 485	2	952	8 19.2
049	9.467 148	24	9.486 666	27	0.513 334	9.980 483	2	951	9 21.6
.050	9.467 173	25	9.486 693	27	0.513 307	9.980 480	3	.950	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

73°.000 — 72°.950

17°.050 — 17°.100

17°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.467 173		9.486 693		0.513 307	9.980 480		.950	
051	9.467 198	25	9.486 720	27	0.513 280	9.980 478	2	949	
052	9.467 222	24	9.486 747	27	0.513 253	9.980 476	2	948	
053	9.467 247	25	9.486 774	27	0.513 226	9.980 473	3	947	
		25		27			2		
054	9.467 272	25	9.486 801	27	0.513 199	9.980 471	2	946	
055	9.467 297	25	9.486 828	27	0.513 172	9.980 469	2	945	
056	9.467 321	24	9.486 855	27	0.513 145	9.980 466	3	944	
		25		27			2		
057	9.467 346	25	9.486 882	27	0.513 118	9.980 464	2	943	
058	9.467 371	25	9.486 909	27	0.513 091	9.980 462	2	942	
059	9.467 395	24	9.486 936	27	0.513 064	9.980 459	3	941	
		25		27			2		
.060	9.467 420		9.486 963		0.513 037	9.980 457		.940	
		25		27			2		
061	9.467 445	25	9.486 990	27	0.513 010	9.980 455	2	939	
062	9.467 470	25	9.487 017	27	0.512 983	9.980 452	3	938	
063	9.467 494	24	9.487 044	27	0.512 956	9.980 450	2	937	
		25		27			2		
064	9.467 519	25	9.487 071	27	0.512 929	9.980 448	2	936	
065	9.467 544	25	9.487 098	27	0.512 902	9.980 445	3	935	
066	9.467 568	24	9.487 125	27	0.512 875	9.980 443	2	934	
		25		27			2		
067	9.467 593	25	9.487 152	27	0.512 848	9.980 441	2	933	
068	9.467 618	25	9.487 179	27	0.512 821	9.980 438	3	932	
069	9.467 642	24	9.487 206	27	0.512 794	9.980 436	2	931	
		25		27			2		
.070	9.467 667		9.487 233		0.512 767	9.980 434		.930	
		25		27			3		
071	9.467 692	25	9.487 260	27	0.512 740	9.980 431	2	929	
072	9.467 716	24	9.487 287	27	0.512 713	9.980 429	2	928	
073	9.467 741	25	9.487 314	27	0.512 686	9.980 427	2	927	
		25		27			3		
074	9.467 766	25	9.487 341	27	0.512 659	9.980 424	2	926	
075	9.467 790	24	9.487 368	27	0.512 632	9.980 422	2	925	
076	9.467 815	25	9.487 395	27	0.512 605	9.980 420	2	924	
		25		27			3		
077	9.467 840	25	9.487 422	27	0.512 578	9.980 417	2	923	
078	9.467 864	24	9.487 449	27	0.512 551	9.980 415	2	922	
079	9.467 889	25	9.487 476	27	0.512 524	9.980 413	2	921	
		25		27			3		
.080	9.467 914		9.487 503		0.512 497	9.980 410		.920	
		24		27			2		
081	9.467 938	25	9.487 530	27	0.512 470	9.980 408	2	919	
082	9.467 963	25	9.487 557	27	0.512 443	9.980 406	2	918	
083	9.467 988	25	9.487 584	27	0.512 416	9.980 403	3	917	
		24		27			2		
084	9.468 012	25	9.487 611	27	0.512 389	9.980 401	2	916	
085	9.468 037	25	9.487 638	27	0.512 362	9.980 399	2	915	
086	9.468 062	25	9.487 665	27	0.512 335	9.980 396	3	914	
		24		27			2		
087	9.468 086	25	9.487 692	27	0.512 308	9.980 394	2	913	
088	9.468 111	25	9.487 719	27	0.512 281	9.980 392	2	912	
089	9.468 136	25	9.487 746	27	0.512 254	9.980 389	3	911	
		24		27			2		
.090	9.468 160		9.487 773		0.512 227	9.980 387		.910	
		25		27			2		
091	9.468 185	25	9.487 800	27	0.512 200	9.980 385	2	909	
092	9.468 210	25	9.487 827	27	0.512 173	9.980 383	2	908	
093	9.468 234	24	9.487 854	27	0.512 146	9.980 380	3	907	
		25		27			2		
094	9.468 259	25	9.487 881	27	0.512 119	9.980 378	2	906	
095	9.468 284	25	9.487 908	27	0.512 092	9.980 376	2	905	
096	9.468 308	24	9.487 935	27	0.512 065	9.980 373	3	904	
		25		27			2		
097	9.468 333	25	9.487 962	27	0.512 038	9.980 371	2	903	
098	9.468 358	25	9.487 989	27	0.512 011	9.980 369	2	902	
099	9.468 382	24	9.488 016	27	0.511 984	9.980 366	3	901	
		25		27			2		
.100	9.468 407		9.488 043		0.511 957	9.980 364		.900	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.950 — 72°.900

17°.100 — 17°.150

17°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.468 407		9.488 043		0.511 957	9.980 364		.900	
101	9.468 432	25	9.488 070	27	0.511 930	9.980 362	2	899	
102	9.468 456	24	9.488 097	27	0.511 903	9.980 359	3	898	
103	9.468 481	25	9.488 124	27	0.511 876	9.980 357	2	897	
		24		27			2		27
104	9.468 505	25	9.488 151	27	0.511 849	9.980 355	3	896	1 2.7
105	9.468 530	25	9.488 178	27	0.511 822	9.980 352	2	895	2 5.4
106	9.468 555	24	9.488 205	27	0.511 795	9.980 350	2	894	3 8.1
		25		27			2		4 10.8
107	9.468 579	25	9.488 232	27	0.511 768	9.980 348	3	893	5 13.5
108	9.468 604	25	9.488 259	27	0.511 741	9.980 345	2	892	6 16.2
109	9.468 629	24	9.488 286	27	0.511 714	9.980 343	2	891	7 18.9
		25		27			3		8 21.6
.110	9.468 653	25	9.488 313	27	0.511 687	9.980 341	2	.890	9 24.3
111	9.468 678	24	9.488 340	27	0.511 660	9.980 338	3	889	
112	9.468 702	25	9.488 367	27	0.511 633	9.980 336	2	888	
113	9.468 727	25	9.488 394	27	0.511 606	9.980 334	2	887	
		25		26			3		26
114	9.468 752	24	9.488 420	27	0.511 580	9.980 331	2	886	1 2.6
115	9.468 776	25	9.488 447	27	0.511 553	9.980 329	2	885	2 5.2
116	9.468 801	25	9.488 474	27	0.511 526	9.980 327	2	884	3 7.8
		25		27			3		4 10.4
117	9.468 826	24	9.488 501	27	0.511 499	9.980 324	2	883	5 13.0
118	9.468 850	25	9.488 528	27	0.511 472	9.980 322	2	882	6 15.6
119	9.468 875	24	9.488 555	27	0.511 445	9.980 320	2	881	7 18.2
		24		27			3		8 20.8
.120	9.468 899	25	9.488 582	27	0.511 418	9.980 317	2	.880	9 23.4
121	9.468 924	25	9.488 609	27	0.511 391	9.980 315	2	879	
122	9.468 949	24	9.488 636	27	0.511 364	9.980 313	3	878	
123	9.468 973	25	9.488 663	27	0.511 337	9.980 310	2	877	
		24		27			2		25
124	9.468 998	24	9.488 690	27	0.511 310	9.980 308	2	876	1 2.5
125	9.469 022	25	9.488 717	27	0.511 283	9.980 306	2	875	2 5.0
126	9.469 047	25	9.488 744	27	0.511 256	9.980 303	3	874	3 7.5
		25		27			2		4 10.0
127	9.469 072	24	9.488 771	27	0.511 229	9.980 301	2	873	5 12.5
128	9.469 096	25	9.488 798	27	0.511 202	9.980 299	2	872	6 15.0
129	9.469 121	24	9.488 825	27	0.511 175	9.980 296	3	871	7 17.5
		24		27			2		8 20.0
.130	9.469 145	25	9.488 852	26	0.511 148	9.980 294	2	.870	9 22.5
131	9.469 170	25	9.488 878	27	0.511 122	9.980 291	3	869	
132	9.469 195	24	9.488 905	27	0.511 095	9.980 289	2	868	
133	9.469 219	25	9.488 932	27	0.511 068	9.980 287	2	867	
		25		27			3		
134	9.469 244	24	9.488 959	27	0.511 041	9.980 284	2	866	
135	9.469 268	25	9.488 986	27	0.511 014	9.980 282	2	865	
136	9.469 293	24	9.489 013	27	0.510 987	9.980 280	2	864	
		24		27			3		
137	9.469 317	25	9.489 040	27	0.510 960	9.980 277	2	863	
138	9.469 342	25	9.489 067	27	0.510 933	9.980 275	2	862	
139	9.469 367	24	9.489 094	27	0.510 906	9.980 273	2	861	
		25		27			3		24
.140	9.469 391	25	9.489 121	27	0.510 879	9.980 270	2	.860	1 2.4
141	9.469 416	24	9.489 148	27	0.510 852	9.980 268	2	859	2 4.8
142	9.469 440	25	9.489 175	27	0.510 825	9.980 266	3	858	3 7.2
143	9.469 465	25	9.489 202	27	0.510 798	9.980 263	2	857	4 9.6
		25		26			2		5 12.0
144	9.469 490	24	9.489 228	27	0.510 772	9.980 261	2	856	6 14.4
145	9.469 514	25	9.489 255	27	0.510 745	9.980 259	2	855	7 16.8
146	9.469 539	24	9.489 282	27	0.510 718	9.980 256	3	854	8 19.2
		24		27			2		9 21.6
147	9.469 563	25	9.489 309	27	0.510 691	9.980 254	2	853	
148	9.469 588	24	9.489 336	27	0.510 664	9.980 252	2	852	
149	9.469 612	25	9.489 363	27	0.510 637	9.980 249	3	851	
		25		27			2		
.150	9.469 637		9.489 390		0.510 610	9.980 247		.850	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.900 — 72°.850

17°.150 — 17°.200

17°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.469 637		9.489 390		0.510 610	9.980 247		.850	
151	9.469 661	24	9.489 417	27	0.510 583	9.980 245	2	849	
152	9.469 686	25	9.489 444	27	0.510 556	9.980 242	3	848	
153	9.469 711	25	9.489 471	27	0.510 529	9.980 240	2	847	
		24		26			2		27
154	9.469 735	24	9.489 497	26	0.510 503	9.980 238	2	846	
155	9.469 760	25	9.489 524	27	0.510 476	9.980 235	3	845	1 2.7
156	9.469 784	24	9.489 551	27	0.510 449	9.980 233	2	844	2 5.4
		25		27			2		3 8.1
157	9.469 809	25	9.489 578	27	0.510 422	9.980 231	2	843	4 10.8
158	9.469 833	24	9.489 605	27	0.510 395	9.980 228	3	842	5 13.5
159	9.469 858	25	9.489 632	27	0.510 368	9.980 226	2	841	6 16.2
		24		27			2		7 18.9
.160	9.469 882	25	9.489 659	27	0.510 341	9.980 224	3	.840	8 21.6
		25		27			3		9 24.3
161	9.469 907	25	9.489 686	27	0.510 314	9.980 221	2	839	
162	9.469 932	25	9.489 713	27	0.510 287	9.980 219	2	838	
163	9.469 956	24	9.489 739	26	0.510 261	9.980 217	2	837	
		25		27			3		26
164	9.469 981	24	9.489 766	27	0.510 234	9.980 214	2	836	
165	9.470 005	24	9.489 793	27	0.510 207	9.980 212	2	835	
166	9.470 030	25	9.489 820	27	0.510 180	9.980 210	2	834	
		24		27			3		1 2.6
167	9.470 054	25	9.489 847	27	0.510 153	9.980 207	2	833	2 5.2
168	9.470 079	25	9.489 874	27	0.510 126	9.980 205	2	832	3 7.8
169	9.470 103	24	9.489 901	27	0.510 099	9.980 203	2	831	4 10.4
		25		27			3		5 13.0
.170	9.470 128	24	9.489 928	26	0.510 072	9.980 200	2	.830	6 15.6
		24		26			2		7 18.2
171	9.470 152	25	9.489 954	27	0.510 046	9.980 198	2	829	8 20.8
172	9.470 177	25	9.489 981	27	0.510 019	9.980 196	3	828	9 23.4
173	9.470 201	24	9.490 008	27	0.509 992	9.980 193	2	827	
		25		27			2		
174	9.470 226	25	9.490 035	27	0.509 965	9.980 191	2	826	
175	9.470 251	25	9.490 062	27	0.509 938	9.980 189	2	825	
176	9.470 275	24	9.490 089	27	0.509 911	9.980 186	3	824	
		25		27			2		
177	9.470 300	25	9.490 116	27	0.509 884	9.980 184	2	823	25
178	9.470 324	24	9.490 143	27	0.509 857	9.980 182	2	822	
179	9.470 349	25	9.490 169	26	0.509 831	9.980 179	3	821	1 2.5
		24		27			2		2 5.0
.180	9.470 373	25	9.490 196	27	0.509 804	9.980 177	3	.820	3 7.5
		25		27			3		4 10.0
181	9.470 398	24	9.490 223	27	0.509 777	9.980 174	2	819	5 12.5
182	9.470 422	24	9.490 250	27	0.509 750	9.980 172	2	818	6 15.0
183	9.470 447	25	9.490 277	27	0.509 723	9.980 170	2	817	7 17.5
		24		27			3		8 20.0
184	9.470 471	24	9.490 304	27	0.509 696	9.980 167	2	816	9 22.5
185	9.470 496	25	9.490 331	27	0.509 669	9.980 165	2	815	
186	9.470 520	24	9.490 357	26	0.509 643	9.980 163	2	814	
		25		27			3		
187	9.470 545	25	9.490 384	27	0.509 616	9.980 160	2	813	
188	9.470 569	24	9.490 411	27	0.509 589	9.980 158	2	812	
189	9.470 594	25	9.490 438	27	0.509 562	9.980 156	2	811	
		24		27			3		24
.190	9.470 618	25	9.490 465	27	0.509 535	9.980 153	2	.810	1 2.4
		25		27			2		2 4.8
191	9.470 643	24	9.490 492	27	0.509 508	9.980 151	2	809	3 7.2
192	9.470 667	24	9.490 518	26	0.509 482	9.980 149	2	808	4 9.6
193	9.470 692	25	9.490 545	27	0.509 455	9.980 146	3	807	5 12.0
		24		27			2		6 14.4
194	9.470 716	24	9.490 572	27	0.509 428	9.980 144	2	806	7 16.8
195	9.470 741	25	9.490 599	27	0.509 401	9.980 142	2	805	8 19.2
196	9.470 765	24	9.490 626	27	0.509 374	9.980 139	3	804	9 21.6
		25		27			2		
197	9.470 790	25	9.490 653	27	0.509 347	9.980 137	2	803	
198	9.470 814	24	9.490 680	27	0.509 320	9.980 135	2	802	
199	9.470 839	25	9.490 706	26	0.509 294	9.980 132	3	801	
		24		27			2		
.200	9.470 863	24	9.490 733	27	0.509 267	9.980 130	2	.800	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.850 — 72°.800

17°.200 — 17°.250

17°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.470 863		9.490 733		0.509 267	9.980 130		.800	
201	9.470 888	25	9.490 760	27	0.509 240	9.980 128	2	799	
202	9.470 912	24	9.490 787	27	0.509 213	9.980 125	3	798	
203	9.470 937	25	9.490 814	27	0.509 186	9.980 123	2	797	
204	9.470 961	24	9.490 841	27	0.509 159	9.980 121	2	796	27
205	9.470 986	25	9.490 867	26	0.509 133	9.980 118	3	795	1 2.7
206	9.471 010	24	9.490 894	27	0.509 106	9.980 116	2	794	2 5.4
207	9.471 035	25	9.490 921	27	0.509 079	9.980 114	2	793	3 8.1
208	9.471 059	24	9.490 948	27	0.509 052	9.980 111	3	792	4 10.8
209	9.471 083	24	9.490 975	27	0.509 025	9.980 109	2	791	5 13.5
.210	9.471 108	25	9.491 001	26	0.508 999	9.980 106	3	.790	6 16.2
211	9.471 132	24	9.491 028	27	0.508 972	9.980 104	2	789	7 18.9
212	9.471 157	25	9.491 055	27	0.508 945	9.980 102	2	788	8 21.6
213	9.471 181	24	9.491 082	27	0.508 918	9.980 099	3	787	9 24.3
214	9.471 206	25	9.491 109	27	0.508 891	9.980 097	2	786	
215	9.471 230	24	9.491 136	27	0.508 864	9.980 095	2	785	26
216	9.471 255	25	9.491 162	26	0.508 838	9.980 092	3	784	1 2.6
217	9.471 279	24	9.491 189	27	0.508 811	9.980 090	2	783	2 5.2
218	9.471 304	25	9.491 216	27	0.508 784	9.980 088	2	782	3 7.8
219	9.471 328	24	9.491 243	27	0.508 757	9.980 085	3	781	4 10.4
.220	9.471 353	25	9.491 270	27	0.508 730	9.980 083	2	.780	5 13.0
221	9.471 377	24	9.491 296	26	0.508 704	9.980 081	2	779	6 15.6
222	9.471 401	24	9.491 323	27	0.508 677	9.980 078	3	778	7 18.2
223	9.471 426	25	9.491 350	27	0.508 650	9.980 076	2	777	8 20.8
224	9.471 450	24	9.491 377	27	0.508 623	9.980 074	2	776	9 23.4
225	9.471 475	25	9.491 404	27	0.508 596	9.980 071	3	775	
226	9.471 499	24	9.491 430	26	0.508 570	9.980 069	2	774	25
227	9.471 524	25	9.491 457	27	0.508 543	9.980 067	2	773	1 2.5
228	9.471 548	24	9.491 484	27	0.508 516	9.980 064	3	772	2 5.0
229	9.471 573	25	9.491 511	27	0.508 489	9.980 062	2	771	3 7.5
.230	9.471 597	24	9.491 538	27	0.508 462	9.980 059	3	.770	4 10.0
231	9.471 622	25	9.491 564	26	0.508 436	9.980 057	2	769	5 12.5
232	9.471 646	24	9.491 591	27	0.508 409	9.980 055	2	768	6 15.0
233	9.471 670	24	9.491 618	27	0.508 382	9.980 052	3	767	7 17.5
234	9.471 695	25	9.491 645	27	0.508 355	9.980 050	2	766	8 20.0
235	9.471 719	24	9.491 672	27	0.508 328	9.980 048	2	765	9 22.5
236	9.471 744	25	9.491 698	26	0.508 302	9.980 045	3	764	
237	9.471 768	24	9.491 725	27	0.508 275	9.980 043	2	763	
238	9.471 793	25	9.491 752	27	0.508 248	9.980 041	2	762	
239	9.471 817	24	9.491 779	27	0.508 221	9.980 038	3	761	24
.240	9.471 841	24	9.491 805	26	0.508 195	9.980 036	2	.760	1 2.4
241	9.471 866	25	9.491 832	27	0.508 168	9.980 034	2	759	2 4.8
242	9.471 890	24	9.491 859	27	0.508 141	9.980 031	3	758	3 7.2
243	9.471 915	25	9.491 886	27	0.508 114	9.980 029	2	757	4 9.6
244	9.471 939	24	9.491 913	27	0.508 087	9.980 027	2	756	5 12.0
245	9.471 964	25	9.491 939	26	0.508 061	9.980 024	3	755	6 14.4
246	9.471 988	24	9.491 966	27	0.508 034	9.980 022	2	754	7 16.8
247	9.472 012	24	9.491 993	27	0.508 007	9.980 020	2	753	8 19.2
248	9.472 037	25	9.492 020	27	0.507 980	9.980 017	3	752	9 21.6
249	9.472 061	24	9.492 046	26	0.507 954	9.980 015	2	751	
.250	9.472 086	25	9.492 073	27	0.507 927	9.980 012	3	.750	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.800 — 72°.750

17°.250 — 17°.300

17°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.472 086		9.492 073		0.507 927	9.980 012		.750	
251	9.472 110	24	9.492 100	27	0.507 900	9.980 010	2	749	
252	9.472 134	24	9.492 127	27	0.507 873	9.980 008	2	748	
253	9.472 159	25	9.492 153	26	0.507 847	9.980 005	3	747	
		24		27			2		27
254	9.472 183	24	9.492 180	27	0.507 820	9.980 003	2	746	
255	9.472 208	25	9.492 207	27	0.507 793	9.980 001	2	745	1 2.7
256	9.472 232	24	9.492 234	27	0.507 766	9.979 998	3	744	2 5.4
		24		26			2		3 8.1
257	9.472 256	24	9.492 260	26	0.507 740	9.979 996	2	743	4 10.8
258	9.472 281	25	9.492 287	27	0.507 713	9.979 994	2	742	5 13.5
259	9.472 305	24	9.492 314	27	0.507 686	9.979 991	3	741	6 16.2
		25		27			2		7 18.9
.260	9.472 330	24	9.492 341	26	0.507 659	9.979 989	2	.740	8 21.6
		24		27			2		9 24.3
261	9.472 354	24	9.492 367	27	0.507 633	9.979 987	3	739	
262	9.472 378	25	9.492 394	27	0.507 606	9.979 984	2	738	
263	9.472 403	24	9.492 421	27	0.507 579	9.979 982	2	737	
		24		27			3		26
264	9.472 427	25	9.492 448	26	0.507 552	9.979 979	2	736	
265	9.472 452	24	9.492 474	27	0.507 526	9.979 977	2	735	
266	9.472 476	24	9.492 501	27	0.507 499	9.979 975	3	734	1 2.6
		24		27			2		2 5.2
267	9.472 500	25	9.492 528	27	0.507 472	9.979 972	2	733	3 7.8
268	9.472 525	24	9.492 555	26	0.507 445	9.979 970	2	732	4 10.4
269	9.472 549	25	9.492 581	27	0.507 419	9.979 968	3	731	5 13.0
		24		27			2		6 15.6
.270	9.472 574	24	9.492 608	27	0.507 392	9.979 965	2	.730	7 18.2
		24		27			2		8 20.8
271	9.472 598	24	9.492 635	27	0.507 365	9.979 963	3	729	9 23.4
272	9.472 622	25	9.492 662	26	0.507 338	9.979 961	2	728	
273	9.472 647	24	9.492 688	27	0.507 312	9.979 958	2	727	
		24		27			2		
274	9.472 671	24	9.492 715	27	0.507 285	9.979 956	2	726	
275	9.472 695	25	9.492 742	27	0.507 258	9.979 954	3	725	
276	9.472 720	24	9.492 769	26	0.507 231	9.979 951	2	724	
		24		27			3		25
277	9.472 744	25	9.492 795	27	0.507 205	9.979 949	2	723	
278	9.472 769	24	9.492 822	27	0.507 178	9.979 946	2	722	1 2.5
279	9.472 793	24	9.492 849	26	0.507 151	9.979 944	2	721	2 5.0
		25		27			3		3 7.5
.280	9.472 817	24	9.492 875	27	0.507 125	9.979 942	2	.720	4 10.0
		25		27			2		5 12.5
281	9.472 842	24	9.492 902	27	0.507 098	9.979 939	2	719	6 15.0
282	9.472 866	24	9.492 929	27	0.507 071	9.979 937	3	718	7 17.5
283	9.472 890	25	9.492 956	26	0.507 044	9.979 935	2	717	8 20.0
		24		27			2		9 22.5
284	9.472 915	24	9.492 982	27	0.507 018	9.979 932	3	716	
285	9.472 939	24	9.493 009	27	0.506 991	9.979 930	2	715	
286	9.472 963	25	9.493 036	27	0.506 964	9.979 928	2	714	
		24		27			3		
287	9.472 988	24	9.493 063	26	0.506 937	9.979 925	2	713	
288	9.473 012	24	9.493 089	27	0.506 911	9.979 923	2	712	
289	9.473 036	24	9.493 116	27	0.506 884	9.979 921	2	711	
		25		27			3		24
.290	9.473 061	24	9.493 143	26	0.506 857	9.979 918	2	.710	1 2.4
		25		27			2		2 4.8
291	9.473 085	24	9.493 169	27	0.506 831	9.979 916	3	709	3 7.2
292	9.473 110	24	9.493 196	27	0.506 804	9.979 913	2	708	4 9.6
293	9.473 134	24	9.493 223	26	0.506 777	9.979 911	2	707	5 12.0
		24		27			2		6 14.4
294	9.473 158	25	9.493 249	27	0.506 751	9.979 909	3	706	7 16.8
295	9.473 183	24	9.493 276	27	0.506 724	9.979 906	2	705	8 19.2
296	9.473 207	24	9.493 303	27	0.506 697	9.979 904	2	704	9 21.6
		24		27			2		
297	9.473 231	25	9.493 330	26	0.506 670	9.979 902	3	703	
298	9.473 256	24	9.493 356	27	0.506 644	9.979 899	2	702	
299	9.473 280	24	9.493 383	27	0.506 617	9.979 897	2	701	
		24		27			2		
.300	9.473 304	24	9.493 410	26	0.506 590	9.979 895	2	.700	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.750 — 72°.700

17°.300 — 17°.350

17°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.473 304		9.493 410		0.506 590	9.979 895		.700	
301	9.473 329	25	9.493 436	26	0.506 564	9.979 892	3	699	
302	9.473 353	24	9.493 463	27	0.506 537	9.979 890	2	698	
303	9.473 377	24	9.493 490	27	0.506 510	9.979 887	3	697	
304	9.473 402	25	9.493 516	26	0.506 484	9.979 885	2	696	27
305	9.473 426	24	9.493 543	27	0.506 457	9.979 883	2	695	1 2.7
306	9.473 450	24	9.493 570	27	0.506 430	9.979 880	3	694	2 5.4
307	9.473 475	25	9.493 597	27	0.506 403	9.979 878	2	693	3 8.1
308	9.473 499	24	9.493 623	26	0.506 377	9.979 876	2	692	4 10.8
309	9.473 523	24	9.493 650	27	0.506 350	9.979 873	3	691	5 13.5
.310	9.473 548	25	9.493 677	27	0.506 323	9.979 871	2	.690	6 16.2
		24		26			2	689	7 18.9
311	9.473 572	24	9.493 703	27	0.506 297	9.979 869	2	688	8 21.6
312	9.473 596	24	9.493 730	27	0.506 270	9.979 866	3	687	9 24.3
313	9.473 621	25	9.493 757	27	0.506 243	9.979 864	2	686	
314	9.473 645	24	9.493 783	26	0.506 217	9.979 862	2	685	
315	9.473 669	24	9.493 810	27	0.506 190	9.979 859	3	684	26
316	9.473 693	24	9.493 837	27	0.506 163	9.979 857	2	683	1 2.6
317	9.473 718	25	9.493 863	26	0.506 137	9.979 854	3	682	2 5.2
318	9.473 742	24	9.493 890	27	0.506 110	9.979 852	2	681	3 7.8
319	9.473 766	24	9.493 917	27	0.506 083	9.979 850	2	680	4 10.4
.320	9.473 791	25	9.493 943	26	0.506 057	9.979 847	3	.680	5 13.0
		24		27			2	679	6 15.6
321	9.473 815	24	9.493 970	27	0.506 030	9.979 845	2	678	7 18.2
322	9.473 839	24	9.493 997	27	0.506 003	9.979 843	2	677	8 20.8
323	9.473 864	25	9.494 023	26	0.505 977	9.979 840	3	676	9 23.4
324	9.473 888	24	9.494 050	27	0.505 950	9.979 838	2	675	
325	9.473 912	24	9.494 077	27	0.505 923	9.979 836	2	674	
326	9.473 937	25	9.494 103	26	0.505 897	9.979 833	3	673	25
327	9.473 961	24	9.494 130	27	0.505 870	9.979 831	2	672	1 2.5
328	9.473 985	24	9.494 157	27	0.505 843	9.979 828	3	671	2 5.0
329	9.474 009	24	9.494 183	26	0.505 817	9.979 826	2	670	3 7.5
.330	9.474 034	25	9.494 210	27	0.505 790	9.979 824	2	669	4 10.0
		24		27			3	668	5 12.5
331	9.474 058	24	9.494 237	26	0.505 763	9.979 821	2	667	6 15.0
332	9.474 082	24	9.494 263	27	0.505 737	9.979 819	2	666	7 17.5
333	9.474 107	25	9.494 290	27	0.505 710	9.979 817	3	665	8 20.0
334	9.474 131	24	9.494 317	26	0.505 683	9.979 814	2	664	9 22.5
335	9.474 155	24	9.494 343	27	0.505 657	9.979 812	3	663	
336	9.474 179	24	9.494 370	27	0.505 630	9.979 809	2	662	
337	9.474 204	25	9.494 397	27	0.505 603	9.979 807	3	661	
338	9.474 228	24	9.494 423	26	0.505 577	9.979 805	2		24
339	9.474 252	24	9.494 450	27	0.505 550	9.979 802	3		
.340	9.474 277	25	9.494 476	26	0.505 524	9.979 800	2	.660	1 2.4
		24		27			2	659	2 4.8
341	9.474 301	24	9.494 503	27	0.505 497	9.979 798	3	658	3 7.2
342	9.474 325	24	9.494 530	27	0.505 470	9.979 795	2	657	4 9.6
343	9.474 349	24	9.494 556	26	0.505 444	9.979 793	2	656	5 12.0
344	9.474 374	25	9.494 583	27	0.505 417	9.979 791	2	655	6 14.4
345	9.474 398	24	9.494 610	27	0.505 390	9.979 788	3	654	7 16.8
346	9.474 422	24	9.494 636	26	0.505 364	9.979 786	2	653	8 19.2
347	9.474 446	24	9.494 663	27	0.505 337	9.979 783	3	652	9 21.6
348	9.474 471	25	9.494 690	27	0.505 310	9.979 781	2	651	
349	9.474 495	24	9.494 716	26	0.505 284	9.979 779	2		
.350	9.474 519	24	9.494 743	27	0.505 257	9.979 776	3	.650	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.700 — 72°.650

17°.350 — 17°.400

17°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.474 519		9.494 743		0.505 257	9.979 776		.650	
351	9.474 543	24	9.494 769	26	0.505 231	9.979 774	2	649	
352	9.474 568	25	9.494 796	27	0.505 204	9.979 772	2	648	
353	9.474 592	24	9.494 823	27	0.505 177	9.979 769	3	647	
		24		26			2		27
354	9.474 616	24	9.494 849	26	0.505 151	9.979 767	2	646	
355	9.474 641	25	9.494 876	27	0.505 124	9.979 765	2	645	1 2.7
356	9.474 665	24	9.494 903	27	0.505 097	9.979 762	3	644	2 5.4
		24		26			2		3 8.1
357	9.474 689	24	9.494 929	26	0.505 071	9.979 760	2	643	4 10.8
358	9.474 713	24	9.494 956	27	0.505 044	9.979 757	3	642	5 13.5
359	9.474 738	25	9.494 982	26	0.505 018	9.979 755	2	641	6 16.2
		24		27			2		7 18.9
.360	9.474 762	24	9.495 009	27	0.504 991	9.979 753	3	.640	8 21.6
		24		27			2		9 24.3
361	9.474 786	24	9.495 036	26	0.504 964	9.979 750	2	639	
362	9.474 810	24	9.495 062	26	0.504 938	9.979 748	2	638	
363	9.474 834	24	9.495 089	27	0.504 911	9.979 746	2	637	
		25		27			3		
364	9.474 859	24	9.495 116	26	0.504 884	9.979 743	2	636	
365	9.474 883	24	9.495 142	26	0.504 858	9.979 741	2	635	
366	9.474 907	24	9.495 169	27	0.504 831	9.979 738	3	634	26
		24		26			2		1 2.6
367	9.474 931	25	9.495 195	27	0.504 805	9.979 736	2	633	2 5.2
368	9.474 956	24	9.495 222	27	0.504 778	9.979 734	2	632	3 7.8
369	9.474 980	24	9.495 249	27	0.504 751	9.979 731	3	631	4 10.4
		24		26			2		5 13.0
.370	9.475 004	24	9.495 275	27	0.504 725	9.979 729	2	.630	6 15.6
		24		27			2		7 18.2
371	9.475 028	25	9.495 302	26	0.504 698	9.979 727	3	629	8 20.8
372	9.475 053	24	9.495 328	27	0.504 672	9.979 724	2	628	9 23.4
373	9.475 077	24	9.495 355	27	0.504 645	9.979 722	2	627	
		24		27			3		
374	9.475 101	24	9.495 382	26	0.504 618	9.979 719	2	626	
375	9.475 125	24	9.495 408	26	0.504 592	9.979 717	2	625	
376	9.475 150	25	9.495 435	27	0.504 565	9.979 715	2	624	
		24		26			3		
377	9.475 174	24	9.495 461	27	0.504 539	9.979 712	2	623	25
378	9.475 198	24	9.495 488	27	0.504 512	9.979 710	2	622	1 2.5
379	9.475 222	24	9.495 515	27	0.504 485	9.979 708	2	621	2 5.0
		24		26			3		3 7.5
.380	9.475 246	25	9.495 541	27	0.504 459	9.979 705	2	.620	4 10.0
		24		26			2		5 12.5
381	9.475 271	24	9.495 568	26	0.504 432	9.979 703	2	619	6 15.0
382	9.475 295	24	9.495 594	27	0.504 406	9.979 701	3	618	7 17.5
383	9.475 319	24	9.495 621	26	0.504 379	9.979 698	2	617	8 20.0
		24		26			2		9 22.5
384	9.475 343	24	9.495 647	27	0.504 353	9.979 696	3	616	
385	9.475 367	24	9.495 674	27	0.504 326	9.979 693	3	615	
386	9.475 392	25	9.495 701	27	0.504 299	9.979 691	2	614	
		24		26			2		
387	9.475 416	24	9.495 727	27	0.504 273	9.979 689	3	613	
388	9.475 440	24	9.495 754	26	0.504 246	9.979 686	2	612	
389	9.475 464	24	9.495 780	26	0.504 220	9.979 684	2	611	
		24		27			2		24
.390	9.475 488	25	9.495 807	27	0.504 193	9.979 682	3	.610	1 2.4
		24		26			2		2 4.8
391	9.475 513	24	9.495 834	26	0.504 166	9.979 679	2	609	3 7.2
392	9.475 537	24	9.495 860	27	0.504 140	9.979 677	3	608	4 9.6
393	9.475 561	24	9.495 887	26	0.504 113	9.979 674	2	607	5 12.0
		24		26			2		6 14.4
394	9.475 585	24	9.495 913	27	0.504 087	9.979 672	2	606	7 16.8
395	9.475 609	24	9.495 940	26	0.504 060	9.979 670	2	605	8 19.2
396	9.475 634	25	9.495 966	26	0.504 034	9.979 667	3	604	9 21.6
		24		27			2		
397	9.475 658	24	9.495 993	27	0.504 007	9.979 665	2	603	
398	9.475 682	24	9.496 020	27	0.503 980	9.979 663	2	602	
399	9.475 706	24	9.496 046	26	0.503 954	9.979 660	3	601	
		24		27			2		
.400	9.475 730	24	9.496 073	27	0.503 927	9.979 658	2	.600	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.650 — 72°.600

17°.400 — 17°.450

17°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.475 730		9.496 073		0.503 927	9.979 658		.600	
401	9.475 755	25	9.496 099	26	0.503 901	9.979 655	3	599	
402	9.475 779	24	9.496 126	27	0.503 874	9.979 653	2	598	
403	9.475 803	24	9.496 152	26	0.503 848	9.979 651	2	597	
		24		27			3		27
404	9.475 827	24	9.496 179	27	0.503 821	9.979 648	3	596	
405	9.475 851	24	9.496 205	26	0.503 795	9.979 646	2	595	1 2.7
406	9.475 876	25	9.496 232	27	0.503 768	9.979 644	2	594	2 5.4
		24		27			3		3 8.1
407	9.475 900	24	9.496 259	27	0.503 741	9.979 641	3	593	4 10.8
408	9.475 924	24	9.496 285	26	0.503 715	9.979 639	2	592	5 13.5
409	9.475 948	24	9.496 312	27	0.503 688	9.979 636	3	591	6 16.2
		24		26			2		7 18.9
.410	9.475 972	24	9.496 338	27	0.503 662	9.979 634	2	.590	8 21.6
		24		27			2		9 24.3
411	9.475 996	25	9.496 365	26	0.503 635	9.979 632	3	589	
412	9.476 021	24	9.496 391	27	0.503 609	9.979 629	2	588	
413	9.476 045	24	9.496 418	27	0.503 582	9.979 627	2	587	
		24		26			3		26
414	9.476 069	24	9.496 444	27	0.503 556	9.979 624	2	586	
415	9.476 093	24	9.496 471	27	0.503 529	9.979 622	2	585	
416	9.476 117	24	9.496 498	27	0.503 502	9.979 620	2	584	
		24		26			3		1 2.6
417	9.476 141	25	9.496 524	27	0.503 476	9.979 617	2	583	2 5.2
418	9.476 166	24	9.496 551	26	0.503 449	9.979 615	2	582	3 7.8
419	9.476 190	24	9.496 577	27	0.503 423	9.979 613	2	581	4 10.4
		24		27			3		5 13.0
.420	9.476 214	24	9.496 604	26	0.503 396	9.979 610	2	.580	6 15.6
		24		27			3		7 18.2
421	9.476 238	24	9.496 630	27	0.503 370	9.979 608	2	579	8 20.8
422	9.476 262	24	9.496 657	26	0.503 343	9.979 605	2	578	9 23.4
423	9.476 286	25	9.496 683	27	0.503 317	9.979 603	2	577	
		24		26			3		25
424	9.476 311	24	9.496 710	27	0.503 290	9.979 601	2	576	
425	9.476 335	24	9.496 736	27	0.503 264	9.979 598	2	575	
426	9.476 359	24	9.496 763	26	0.503 237	9.979 596	2	574	
		24		27			3		
427	9.476 383	24	9.496 789	27	0.503 211	9.979 594	2	573	
428	9.476 407	24	9.496 816	26	0.503 184	9.979 591	2	572	
429	9.476 431	24	9.496 842	27	0.503 158	9.979 589	3	571	
		24		26			2		1 2.5
.430	9.476 455	25	9.496 869	27	0.503 131	9.979 586	2	.570	2 5.0
		24		26			3		3 7.5
431	9.476 480	24	9.496 895	27	0.503 105	9.979 584	2	569	4 10.0
432	9.476 504	24	9.496 922	27	0.503 078	9.979 582	2	568	5 12.5
433	9.476 528	24	9.496 949	27	0.503 051	9.979 579	3	567	6 15.0
		24		26			2		7 17.5
434	9.476 552	24	9.496 975	27	0.503 025	9.979 577	2	566	8 20.0
435	9.476 576	24	9.497 002	26	0.502 998	9.979 575	2	565	9 22.5
436	9.476 600	24	9.497 028	27	0.502 972	9.979 572	3	564	
		24		27			2		
437	9.476 624	24	9.497 055	26	0.502 945	9.979 570	2	563	
438	9.476 648	25	9.497 081	27	0.502 919	9.979 567	3	562	
439	9.476 673	24	9.497 108	26	0.502 892	9.979 565	2	561	
		24		26			2		24
.440	9.476 697	24	9.497 134	27	0.502 866	9.979 563	3	.560	1 2.4
		24		27			2		2 4.8
441	9.476 721	24	9.497 161	26	0.502 839	9.979 560	3	559	3 7.2
442	9.476 745	24	9.497 187	27	0.502 813	9.979 558	2	558	4 9.6
443	9.476 769	24	9.497 214	26	0.502 786	9.979 555	3	557	5 12.0
		24		27			2		6 14.4
444	9.476 793	24	9.497 240	27	0.502 760	9.979 553	2	556	7 16.8
445	9.476 817	24	9.497 267	26	0.502 733	9.979 551	2	555	8 19.2
446	9.476 841	25	9.497 293	27	0.502 707	9.979 548	3	554	9 21.6
		24		27			2		
447	9.476 866	24	9.497 320	26	0.502 680	9.979 546	2	553	
448	9.476 890	24	9.497 346	27	0.502 654	9.979 544	3	552	
449	9.476 914	24	9.497 373	26	0.502 627	9.979 541	2	551	
		24		26			2		
.450	9.476 938		9.497 399		0.502 601	9.979 539		.550	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.600 — 72°.550

17°.450 — 17°.500

17°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.476 938		9.497 399		0.502 601	9.979 539		.550	
451	9.476 962	24	9.497 426	27	0.502 574	9.979 536	3	549	
452	9.476 986	24	9.497 452	26	0.502 548	9.979 534	2	548	
453	9.477 010	24	9.497 479	27	0.502 521	9.979 532	2	547	
		24		26			3		27
454	9.477 034	24	9.497 505	27	0.502 495	9.979 529	2	546	1 2.7
455	9.477 059	25	9.497 532	27	0.502 468	9.979 527	2	545	2 5.4
456	9.477 083	24	9.497 558	26	0.502 442	9.979 525	2	544	3 8.1
		24		27			3		4 10.8
457	9.477 107	24	9.497 585	26	0.502 415	9.979 522	2	543	5 13.5
458	9.477 131	24	9.497 611	27	0.502 389	9.979 520	3	542	6 16.2
459	9.477 155	24	9.497 638	27	0.502 362	9.979 517	2	541	7 18.9
		24		26			2		8 21.6
.460	9.477 179	24	9.497 664	27	0.502 336	9.979 515	2	.540	9 24.3
461	9.477 203	24	9.497 691	26	0.502 309	9.979 513	3	539	
462	9.477 227	24	9.497 717	26	0.502 283	9.979 510	2	538	
463	9.477 251	24	9.497 743	27	0.502 257	9.979 508	3	537	
		24		26			2		26
464	9.477 275	24	9.497 770	27	0.502 230	9.979 505	3	536	1 2.6
465	9.477 299	24	9.497 796	26	0.502 204	9.979 503	2	535	2 5.2
466	9.477 324	25	9.497 823	27	0.502 177	9.979 501	2	534	3 7.8
		24		26			3		4 10.4
467	9.477 348	24	9.497 849	27	0.502 151	9.979 498	2	533	5 13.0
468	9.477 372	24	9.497 876	26	0.502 124	9.979 496	2	532	6 15.6
469	9.477 396	24	9.497 902	26	0.502 098	9.979 494	3	531	7 18.2
		24		27			2		8 20.8
.470	9.477 420	24	9.497 929	26	0.502 071	9.979 491	2	.530	9 23.4
471	9.477 444	24	9.497 955	27	0.502 045	9.979 489	3	529	
472	9.477 468	24	9.497 982	26	0.502 018	9.979 486	2	528	
473	9.477 492	24	9.498 008	27	0.501 992	9.979 484	2	527	
		24		26			3		25
474	9.477 516	24	9.498 035	27	0.501 965	9.979 482	2	526	1 2.5
475	9.477 540	24	9.498 061	26	0.501 939	9.979 479	3	525	2 5.0
476	9.477 564	24	9.498 088	27	0.501 912	9.979 477	2	524	3 7.5
		24		26			3		4 10.0
477	9.477 588	24	9.498 114	27	0.501 886	9.979 474	2	523	5 12.5
478	9.477 613	25	9.498 141	27	0.501 859	9.979 472	2	522	6 15.0
479	9.477 637	24	9.498 167	26	0.501 833	9.979 470	2	521	7 17.5
		24		26			3		8 20.0
.480	9.477 661	24	9.498 193	27	0.501 807	9.979 467	2	.520	9 22.5
481	9.477 685	24	9.498 220	26	0.501 780	9.979 465	3	519	
482	9.477 709	24	9.498 246	27	0.501 754	9.979 462	2	518	
483	9.477 733	24	9.498 273	26	0.501 727	9.979 460	2	517	
		24		26			3		24
484	9.477 757	24	9.498 299	27	0.501 701	9.979 458	2	516	1 2.4
485	9.477 781	24	9.498 326	26	0.501 674	9.979 455	3	515	2 4.8
486	9.477 805	24	9.498 352	27	0.501 648	9.979 453	2	514	3 7.2
		24		26			3		4 9.6
487	9.477 829	24	9.498 379	27	0.501 621	9.979 451	2	513	5 12.0
488	9.477 853	24	9.498 405	26	0.501 595	9.979 448	3	512	6 14.4
489	9.477 877	24	9.498 431	26	0.501 569	9.979 446	2	511	7 16.8
		24		27			2		8 19.2
.490	9.477 901	24	9.498 458	26	0.501 542	9.979 443	2	.510	9 21.6
491	9.477 925	24	9.498 484	27	0.501 516	9.979 441	3	509	
492	9.477 949	24	9.498 511	26	0.501 489	9.979 439	2	508	
493	9.477 973	24	9.498 537	27	0.501 463	9.979 436	3	507	
		25		26			2		
494	9.477 998	24	9.498 564	27	0.501 436	9.979 434	3	506	
495	9.478 022	24	9.498 590	26	0.501 410	9.979 431	2	505	
496	9.478 046	24	9.498 617	27	0.501 383	9.979 429	2	504	
		24		26			3		
497	9.478 070	24	9.498 643	27	0.501 357	9.979 427	2	503	
498	9.478 094	24	9.498 669	26	0.501 331	9.979 424	3	502	
499	9.478 118	24	9.498 696	27	0.501 304	9.979 422	2	501	
		24		26			2		
.500	9.478 142	24	9.498 722	26	0.501 278	9.979 420	2	.500	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.550 — 72°.500

17°.500 — 17°.550

17°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.478 142		9.498 722		0.501 278	9.979 420		.500	
501	9.478 166	24	9.498 749	27	0.501 251	9.979 417	3	499	
502	9.478 190	24	9.498 775	26	0.501 225	9.979 415	2	498	
503	9.478 214	24	9.498 802	27	0.501 198	9.979 412	3	497	
504	9.478 238	24	9.498 828	26	0.501 172	9.979 410	2	496	
505	9.478 262	24	9.498 854	26	0.501 146	9.979 408	2	495	
506	9.478 286	24	9.498 881	27	0.501 119	9.979 405	3	494	
507	9.478 310	24	9.498 907	26	0.501 093	9.979 403	2	493	
508	9.478 334	24	9.498 934	27	0.501 066	9.979 400	3	492	
509	9.478 358	24	9.498 960	26	0.501 040	9.979 398	2	491	
.510	9.478 382	24	9.498 987	27	0.501 013	9.979 396	2	.490	
511	9.478 406	24	9.499 013	26	0.500 987	9.979 393	3	489	
512	9.478 430	24	9.499 039	26	0.500 961	9.979 391	2	488	
513	9.478 454	24	9.499 066	27	0.500 934	9.979 388	3	487	
514	9.478 478	24	9.499 092	26	0.500 908	9.979 386	2	486	
515	9.478 502	24	9.499 119	27	0.500 881	9.979 384	2	485	
516	9.478 526	24	9.499 145	26	0.500 855	9.979 381	3	484	
517	9.478 550	24	9.499 171	26	0.500 829	9.979 379	2	483	
518	9.478 574	24	9.499 198	27	0.500 802	9.979 376	3	482	
519	9.478 598	24	9.499 224	26	0.500 776	9.979 374	2	481	
.520	9.478 622	24	9.499 251	27	0.500 749	9.979 372	2	.480	
521	9.478 646	24	9.499 277	26	0.500 723	9.979 369	3	479	
522	9.478 670	24	9.499 303	26	0.500 697	9.979 367	2	478	
523	9.478 694	24	9.499 330	27	0.500 670	9.979 364	3	477	
524	9.478 718	24	9.499 356	26	0.500 644	9.979 362	2	476	
525	9.478 742	24	9.499 383	27	0.500 617	9.979 360	2	475	
526	9.478 766	24	9.499 409	26	0.500 591	9.979 357	3	474	
527	9.478 790	24	9.499 435	26	0.500 565	9.979 355	2	473	
528	9.478 814	24	9.499 462	27	0.500 538	9.979 353	2	472	
529	9.478 838	24	9.499 488	26	0.500 512	9.979 350	3	471	
.530	9.478 862	24	9.499 515	27	0.500 485	9.979 348	2	.470	
531	9.478 886	24	9.499 541	26	0.500 459	9.979 345	3	469	
532	9.478 910	24	9.499 567	26	0.500 433	9.979 343	2	468	
533	9.478 934	24	9.499 594	27	0.500 406	9.979 341	2	467	
534	9.478 958	24	9.499 620	26	0.500 380	9.979 338	3	466	
535	9.478 982	24	9.499 647	27	0.500 353	9.979 336	2	465	
536	9.479 006	24	9.499 673	26	0.500 327	9.979 333	3	464	
537	9.479 030	24	9.499 699	26	0.500 301	9.979 331	2	463	
538	9.479 054	24	9.499 726	27	0.500 274	9.979 329	2	462	
539	9.479 078	24	9.499 752	26	0.500 248	9.979 326	3	461	
.540	9.479 102	24	9.499 778	26	0.500 222	9.979 324	2	.460	
541	9.479 126	24	9.499 805	27	0.500 195	9.979 321	3	459	
542	9.479 150	24	9.499 831	26	0.500 169	9.979 319	2	458	
543	9.479 174	24	9.499 858	27	0.500 142	9.979 317	2	457	
544	9.479 198	24	9.499 884	26	0.500 116	9.979 314	3	456	
545	9.479 222	24	9.499 910	26	0.500 090	9.979 312	2	455	
546	9.479 246	24	9.499 937	27	0.500 063	9.979 309	3	454	
547	9.479 270	24	9.499 963	26	0.500 037	9.979 307	2	453	
548	9.479 294	24	9.499 989	26	0.500 011	9.979 305	2	452	
549	9.479 318	24	9.500 016	27	0.499 984	9.979 302	3	451	
.550	9.479 342	24	9.500 042	26	0.499 958	9.979 300	2	.450	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.500 — 72°.450

17°.550 — 17°.600

17°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.479 342		9.500 042		0.499 958	9.979 300		.450	
551	9.479 366	24	9.500 069	27	0.499 931	9.979 297	3	449	
552	9.479 390	24	9.500 095	26	0.499 905	9.979 295	2	448	
553	9.479 414	24	9.500 121	26	0.499 879	9.979 293	2	447	
		24		27			3		27
554	9.479 438	24	9.500 148	27	0.499 852	9.979 290	3	446	
555	9.479 462	24	9.500 174	26	0.499 826	9.979 288	2	445	1 2.7
556	9.479 486	24	9.500 200	26	0.499 800	9.979 285	3	444	2 5.4
		24		27			2		3 8.1
557	9.479 510	24	9.500 227	27	0.499 773	9.979 283	2	443	4 10.8
558	9.479 534	24	9.500 253	26	0.499 747	9.979 281	2	442	5 13.5
559	9.479 558	24	9.500 279	26	0.499 721	9.979 278	3	441	6 16.2
		24		27			2		7 18.9
.560	9.479 582	24	9.500 306	26	0.499 694	9.979 276	3	.440	8 21.6
		24		26			2		9 24.3
561	9.479 606	23	9.500 332	26	0.499 668	9.979 273	3	439	
562	9.479 629	24	9.500 358	27	0.499 642	9.979 271	2	438	
563	9.479 653	24	9.500 385	26	0.499 615	9.979 269	2	437	
		24		26			3		
564	9.479 677	24	9.500 411	26	0.499 589	9.979 266	2	436	
565	9.479 701	24	9.500 437	27	0.499 563	9.979 264	3	435	26
566	9.479 725	24	9.500 464	26	0.499 536	9.979 261	2	434	
		24		26			2		1 2.6
567	9.479 749	24	9.500 490	27	0.499 510	9.979 259	2	433	2 5.2
568	9.479 773	24	9.500 517	26	0.499 483	9.979 257	3	432	3 7.8
569	9.479 797	24	9.500 543	26	0.499 457	9.979 254	2	431	4 10.4
		24		26			2		5 13.0
.570	9.479 821	24	9.500 569	27	0.499 431	9.979 252	3	.430	6 15.6
		24		26			2		7 18.2
571	9.479 845	24	9.500 596	26	0.499 404	9.979 249	2	429	8 20.8
572	9.479 869	24	9.500 622	26	0.499 378	9.979 247	2	428	9 23.4
573	9.479 893	24	9.500 648	27	0.499 352	9.979 245	3	427	
		24		26			2		
574	9.479 917	24	9.500 675	26	0.499 325	9.979 242	3	426	
575	9.479 941	24	9.500 701	26	0.499 299	9.979 240	2	425	
576	9.479 965	24	9.500 727	27	0.499 273	9.979 237	3	424	
		24		26			2		
577	9.479 989	24	9.500 754	26	0.499 246	9.979 235	2	423	24
578	9.480 013	23	9.500 780	26	0.499 220	9.979 233	3	422	
579	9.480 036	24	9.500 806	27	0.499 194	9.979 230	2	421	1 2.4
		24		26			2		2 4.8
.580	9.480 060	24	9.500 833	26	0.499 167	9.979 228	3	.420	3 7.2
		24		26			2		4 9.6
581	9.480 084	24	9.500 859	26	0.499 141	9.979 225	2	419	5 12.0
582	9.480 108	24	9.500 885	26	0.499 115	9.979 223	2	418	6 14.4
583	9.480 132	24	9.500 911	27	0.499 089	9.979 221	3	417	7 16.8
		24		26			2		8 19.2
584	9.480 156	24	9.500 938	26	0.499 062	9.979 218	3	416	9 21.6
585	9.480 180	24	9.500 964	26	0.499 036	9.979 216	2	415	
586	9.480 204	24	9.500 990	27	0.499 010	9.979 213	3	414	
		24		26			2		
587	9.480 228	24	9.501 017	26	0.498 983	9.979 211	2	413	
588	9.480 252	24	9.501 043	26	0.498 957	9.979 209	3	412	
589	9.480 276	24	9.501 069	27	0.498 931	9.979 206	2	411	23
		24		26			2		
.590	9.480 300	23	9.501 096	26	0.498 904	9.979 204	3	.410	1 2.3
		24		26			2		2 4.6
591	9.480 323	24	9.501 122	27	0.498 878	9.979 201	2	409	3 6.9
592	9.480 347	24	9.501 148	26	0.498 852	9.979 199	2	408	4 9.2
593	9.480 371	24	9.501 175	26	0.498 825	9.979 197	3	407	5 11.5
		24		26			2		6 13.8
594	9.480 395	24	9.501 201	27	0.498 799	9.979 194	3	406	7 16.1
595	9.480 419	24	9.501 227	26	0.498 773	9.979 192	2	405	8 18.4
596	9.480 443	24	9.501 254	27	0.498 746	9.979 189	3	404	9 20.7
		24		26			2		
597	9.480 467	24	9.501 280	26	0.498 720	9.979 187	2	403	
598	9.480 491	24	9.501 306	26	0.498 694	9.979 185	3	402	
599	9.480 515	24	9.501 332	27	0.498 668	9.979 182	2	401	
		24		26			2		
.600	9.480 539	24	9.501 359	27	0.498 641	9.979 180	3	.400	
		24		26			2		
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.450 — 72°.400

17°.600 — 17°.650

17°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.480 539		9.501 359		0.498 641	9.979 180		.400	
601	9.480 562	23	9.501 385	26	0.498 615	9.979 177	3	399	
602	9.480 586	24	9.501 411	26	0.498 589	9.979 175	2	398	
603	9.480 610	24	9.501 438	27	0.498 562	9.979 173	2	397	
604	9.480 634	24	9.501 464	26	0.498 536	9.979 170	3	396	27
605	9.480 658	24	9.501 490	26	0.498 510	9.979 168	2	395	1 2.7
606	9.480 682	24	9.501 517	27	0.498 483	9.979 165	3	394	2 5.4
607	9.480 706	24	9.501 543	26	0.498 457	9.979 163	2	393	3 8.1
608	9.480 730	24	9.501 569	26	0.498 431	9.979 161	2	392	4 10.8
609	9.480 754	24	9.501 595	26	0.498 405	9.979 158	3	391	5 13.5
.610	9.480 777	23	9.501 622	27	0.498 378	9.979 156	2	.390	6 16.2
611	9.480 801	24	9.501 648	26	0.498 352	9.979 153	3	389	7 18.9
612	9.480 825	24	9.501 674	26	0.498 326	9.979 151	2	388	8 21.6
613	9.480 849	24	9.501 701	27	0.498 299	9.979 149	2	387	9 24.3
614	9.480 873	24	9.501 727	26	0.498 273	9.979 146	3	386	
615	9.480 897	24	9.501 753	26	0.498 247	9.979 144	2	385	26
616	9.480 921	24	9.501 779	26	0.498 221	9.979 141	3	384	1 2.6
617	9.480 945	24	9.501 806	27	0.498 194	9.979 139	2	383	2 5.2
618	9.480 968	23	9.501 832	26	0.498 168	9.979 136	3	382	3 7.8
619	9.480 992	24	9.501 858	26	0.498 142	9.979 134	2	381	4 10.4
.620	9.481 016	24	9.501 884	26	0.498 116	9.979 132	2	.380	5 13.0
621	9.481 040	24	9.501 911	27	0.498 089	9.979 129	3	379	6 15.6
622	9.481 064	24	9.501 937	26	0.498 063	9.979 127	2	378	7 18.2
623	9.481 088	24	9.501 963	26	0.498 037	9.979 124	3	377	8 20.8
624	9.481 112	24	9.501 990	27	0.498 010	9.979 122	2	376	9 23.4
625	9.481 135	23	9.502 016	26	0.497 984	9.979 120	2	375	
626	9.481 159	24	9.502 042	26	0.497 958	9.979 117	3	374	24
627	9.481 183	24	9.502 068	26	0.497 932	9.979 115	2	373	1 2.4
628	9.481 207	24	9.502 095	27	0.497 905	9.979 112	3	372	2 4.8
629	9.481 231	24	9.502 121	26	0.497 879	9.979 110	2	371	3 7.2
.630	9.481 255	24	9.502 147	26	0.497 853	9.979 108	2	.370	4 9.6
631	9.481 279	24	9.502 173	26	0.497 827	9.979 105	3	369	5 12.0
632	9.481 302	23	9.502 200	27	0.497 800	9.979 103	2	368	6 14.4
633	9.481 326	24	9.502 226	26	0.497 774	9.979 100	3	367	7 16.8
634	9.481 350	24	9.502 252	26	0.497 748	9.979 098	2	366	8 19.2
635	9.481 374	24	9.502 278	26	0.497 722	9.979 096	2	365	9 21.6
636	9.481 398	24	9.502 305	27	0.497 695	9.979 093	3	364	
637	9.481 422	24	9.502 331	26	0.497 669	9.979 091	2	363	
638	9.481 446	24	9.502 357	26	0.497 643	9.979 088	3	362	
639	9.481 469	23	9.502 383	26	0.497 617	9.979 086	2	361	23
.640	9.481 493	24	9.502 410	27	0.497 590	9.979 083	3	.360	1 2.3
641	9.481 517	24	9.502 436	26	0.497 564	9.979 081	2	359	2 4.6
642	9.481 541	24	9.502 462	26	0.497 538	9.979 079	2	358	3 6.9
643	9.481 565	24	9.502 488	26	0.497 512	9.979 076	3	357	4 9.2
644	9.481 589	24	9.502 515	27	0.497 485	9.979 074	2	356	5 11.5
645	9.481 612	23	9.502 541	26	0.497 459	9.979 071	3	355	6 13.8
646	9.481 636	24	9.502 567	26	0.497 433	9.979 069	2	354	7 16.1
647	9.481 660	24	9.502 593	26	0.497 407	9.979 067	2	353	8 18.4
648	9.481 684	24	9.502 620	27	0.497 380	9.979 064	3	352	9 20.7
649	9.481 708	24	9.502 646	26	0.497 354	9.979 062	2	351	
.650	9.481 731	23	9.502 672	26	0.497 328	9.979 059	3	.350	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.400 — 72°.350

17°.650 — 17°.700

17°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.481 731		9.502 672		0.497 328	9.979 059		.350	
651	9.481 755	24	9.502 698	26	0.497 302	9.979 057	2	349	
652	9.481 779	24	9.502 725	27	0.497 275	9.979 055	2	348	
653	9.481 803	24	9.502 751	26	0.497 249	9.979 052	3	347	
654	9.481 827	24	9.502 777	26	0.497 223	9.979 050	2	346	27
655	9.481 851	24	9.502 803	26	0.497 197	9.979 047	3	345	1 2.7
656	9.481 874	23	9.502 829	26	0.497 171	9.979 045	2	344	2 5.4
657	9.481 898	24	9.502 856	27	0.497 144	9.979 042	3	343	3 8.1
658	9.481 922	24	9.502 882	26	0.497 118	9.979 040	2	342	4 10.8
659	9.481 946	24	9.502 908	26	0.497 092	9.979 038	2	341	5 13.5
.660	9.481 970	24	9.502 934	26	0.497 066	9.979 035	3	.340	6 16.2
661	9.481 993	23	9.502 961	27	0.497 039	9.979 033	2	339	7 18.9
662	9.482 017	24	9.502 987	26	0.497 013	9.979 030	3	338	8 21.6
663	9.482 041	24	9.503 013	26	0.496 987	9.979 028	2	337	9 24.3
664	9.482 065	24	9.503 039	26	0.496 961	9.979 026	2	336	
665	9.482 089	24	9.503 065	26	0.496 935	9.979 023	3	335	
666	9.482 112	23	9.503 092	27	0.496 908	9.979 021	2	334	26
667	9.482 136	24	9.503 118	26	0.496 882	9.979 018	3	333	1 2.6
668	9.482 160	24	9.503 144	26	0.496 856	9.979 016	2	332	2 5.2
669	9.482 184	24	9.503 170	26	0.496 830	9.979 014	2	331	3 7.8
.670	9.482 208	24	9.503 197	27	0.496 803	9.979 011	3	.330	4 10.4
671	9.482 231	23	9.503 223	26	0.496 777	9.979 009	2	329	5 13.0
672	9.482 255	24	9.503 249	26	0.496 751	9.979 006	3	328	6 15.6
673	9.482 279	24	9.503 275	26	0.496 725	9.979 004	2	327	7 18.2
674	9.482 303	24	9.503 301	26	0.496 699	9.979 001	3	326	8 20.8
675	9.482 327	24	9.503 328	27	0.496 672	9.978 999	2	325	9 23.4
676	9.482 350	23	9.503 354	26	0.496 646	9.978 997	2	324	
677	9.482 374	24	9.503 380	26	0.496 620	9.978 994	3	323	24
678	9.482 398	24	9.503 406	26	0.496 594	9.978 992	2	322	1 2.4
679	9.482 422	24	9.503 432	26	0.496 568	9.978 989	3	321	2 4.8
.680	9.482 446	24	9.503 459	27	0.496 541	9.978 987	2	.320	3 7.2
681	9.482 469	23	9.503 485	26	0.496 515	9.978 985	2	319	4 9.6
682	9.482 493	24	9.503 511	26	0.496 489	9.978 982	3	318	5 12.0
683	9.482 517	24	9.503 537	26	0.496 463	9.978 980	2	317	6 14.4
684	9.482 541	24	9.503 563	26	0.496 437	9.978 977	3	316	7 16.8
685	9.482 564	23	9.503 590	27	0.496 410	9.978 975	2	315	8 19.2
686	9.482 588	24	9.503 616	26	0.496 384	9.978 972	3	314	9 21.6
687	9.482 612	24	9.503 642	26	0.496 358	9.978 970	2	313	
688	9.482 636	24	9.503 668	26	0.496 332	9.978 968	2	312	
689	9.482 659	23	9.503 694	26	0.496 306	9.978 965	3	311	
.690	9.482 683	24	9.503 720	26	0.496 280	9.978 963	2	.310	23
691	9.482 707	24	9.503 747	27	0.496 253	9.978 960	3	309	1 2.3
692	9.482 731	24	9.503 773	26	0.496 227	9.978 958	2	308	2 4.6
693	9.482 755	24	9.503 799	26	0.496 201	9.978 956	2	307	3 6.9
694	9.482 778	23	9.503 825	26	0.496 175	9.978 953	3	306	4 9.2
695	9.482 802	24	9.503 851	26	0.496 149	9.978 951	2	305	5 11.5
696	9.482 826	24	9.503 878	27	0.496 122	9.978 948	3	304	6 13.8
697	9.482 850	24	9.503 904	26	0.496 096	9.978 946	2	303	7 16.1
698	9.482 873	23	9.503 930	26	0.496 070	9.978 943	3	302	8 18.4
699	9.482 897	24	9.503 956	26	0.496 044	9.978 941	2	301	9 20.7
.700	9.482 921	24	9.503 982	26	0.496 018	9.978 939	2	.300	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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17°.700 — 17°.750

17°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.482 921		9.503 982		0.496 018	9.978 939		.300	
701	9.482 945	24	9.504 008	26	0.495 992	9.978 936	3	299	
702	9.482 968	23	9.504 035	27	0.495 965	9.978 934	2	298	
703	9.482 992	24	9.504 061	26	0.495 939	9.978 931	3	297	
		24		26			2		27
704	9.483 016	24	9.504 087	26	0.495 913	9.978 929	2	296	
705	9.483 040	24	9.504 113	26	0.495 887	9.978 927	2	295	1 2.7
706	9.483 063	23	9.504 139	26	0.495 861	9.978 924	3	294	2 5.4
		24		26			2		3 8.1
707	9.483 087	24	9.504 165	27	0.495 835	9.978 922	3	293	4 10.8
708	9.483 111	24	9.504 192	26	0.495 808	9.978 919	2	292	5 13.5
709	9.483 135	23	9.504 218	26	0.495 782	9.978 917	3	291	6 16.2
		24		26			2		7 18.9
.710	9.483 158	23	9.504 244	26	0.495 756	9.978 914	3	.290	8 21.6
		24		26			2		9 24.3
711	9.483 182	24	9.504 270	26	0.495 730	9.978 912	2	289	
712	9.483 206	23	9.504 296	26	0.495 704	9.978 910	3	288	
713	9.483 229	24	9.504 322	26	0.495 678	9.978 907	2	287	
		24		26			3		26
714	9.483 253	24	9.504 348	27	0.495 652	9.978 905	2	286	
715	9.483 277	24	9.504 375	26	0.495 625	9.978 902	3	285	
716	9.483 301	23	9.504 401	26	0.495 599	9.978 900	2	284	
		24		26			3		1 2.6
717	9.483 324	24	9.504 427	26	0.495 573	9.978 897	2	283	2 5.2
718	9.483 348	24	9.504 453	26	0.495 547	9.978 895	2	282	3 7.8
719	9.483 372	23	9.504 479	26	0.495 521	9.978 893	3	281	4 10.4
		24		26			2		5 13.0
.720	9.483 396	23	9.504 505	26	0.495 495	9.978 890	3	.280	6 15.6
		24		26			2		7 18.2
721	9.483 419	24	9.504 531	27	0.495 469	9.978 888	3	279	8 20.8
722	9.483 443	24	9.504 558	26	0.495 442	9.978 885	2	278	9 23.4
723	9.483 467	23	9.504 584	26	0.495 416	9.978 883	3	277	
		24		26			2		
724	9.483 490	24	9.504 610	26	0.495 390	9.978 881	3	276	
725	9.483 514	24	9.504 636	26	0.495 364	9.978 878	2	275	
726	9.483 538	24	9.504 662	26	0.495 338	9.978 876	3	274	
		24		26			2		
727	9.483 562	23	9.504 688	26	0.495 312	9.978 873	3	273	24
728	9.483 585	24	9.504 714	27	0.495 286	9.978 871	2	272	
729	9.483 609	24	9.504 741	26	0.495 259	9.978 868	3	271	
		24		26			2		1 2.4
.730	9.483 633	23	9.504 767	26	0.495 233	9.978 866	3	.270	2 4.8
		24		26			2		3 7.2
731	9.483 656	24	9.504 793	26	0.495 207	9.978 864	3	269	4 9.6
732	9.483 680	24	9.504 819	26	0.495 181	9.978 861	2	268	5 12.0
733	9.483 704	24	9.504 845	26	0.495 155	9.978 859	3	267	6 14.4
		24		26			2		7 16.8
734	9.483 728	23	9.504 871	26	0.495 129	9.978 856	3	266	8 19.2
735	9.483 751	24	9.504 897	26	0.495 103	9.978 854	2	265	9 21.6
736	9.483 775	24	9.504 923	27	0.495 077	9.978 851	3	264	
		24		26			2		
737	9.483 799	23	9.504 950	26	0.495 050	9.978 849	3	263	
738	9.483 822	24	9.504 976	26	0.495 024	9.978 847	2	262	
739	9.483 846	24	9.505 002	26	0.494 998	9.978 844	3	261	
		24		26			2		23
.740	9.483 870	23	9.505 028	26	0.494 972	9.978 842	3	.260	1 2.3
		24		26			2		2 4.6
741	9.483 893	24	9.505 054	26	0.494 946	9.978 839	3	259	3 6.9
742	9.483 917	24	9.505 080	26	0.494 920	9.978 837	2	258	4 9.2
743	9.483 941	23	9.505 106	26	0.494 894	9.978 834	3	257	5 11.5
		24		26			2		6 13.8
744	9.483 964	24	9.505 132	27	0.494 868	9.978 832	3	256	7 16.1
745	9.483 988	24	9.505 159	26	0.494 841	9.978 830	2	255	8 18.4
746	9.484 012	24	9.505 185	26	0.494 815	9.978 827	3	254	9 20.7
		24		26			2		
747	9.484 036	23	9.505 211	26	0.494 789	9.978 825	3	253	
748	9.484 059	24	9.505 237	26	0.494 763	9.978 822	2	252	
749	9.484 083	24	9.505 263	26	0.494 737	9.978 820	3	251	
		24		26			2		
.750	9.484 107	23	9.505 289	26	0.494 711	9.978 817	3	.250	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.300 — 72°.250

$17^{\circ}.750 - 17^{\circ}.800$

17°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.484 107		9.505 289		0.494 711	9.978 817		.250	
751	9.484 130	23	9.505 315	26	0.494 685	9.978 815	2	249	
752	9.484 154	24	9.505 341	26	0.494 659	9.978 813	2	248	
753	9.484 178	24	9.505 367	26	0.494 633	9.978 810	3	247	
		23		27			2		27
754	9.484 201	24	9.505 394	26	0.494 606	9.978 808	3	246	
755	9.484 225	24	9.505 420	26	0.494 580	9.978 805	2	245	1 2.7
756	9.484 249	24	9.505 446	26	0.494 554	9.978 803	3	244	2 5.4
		23		26			3		3 8.1
757	9.484 272	24	9.505 472	26	0.494 528	9.978 800	2	243	4 10.8
758	9.484 296	24	9.505 498	26	0.494 502	9.978 798	2	242	5 13.5
759	9.484 320	24	9.505 524	26	0.494 476	9.978 796	3	241	6 16.2
		23		26			2		7 18.9
.760	9.484 343	24	9.505 550	26	0.494 450	9.978 793	3	.240	8 21.6
		24		26			2		9 24.3
761	9.484 367	24	9.505 576	26	0.494 424	9.978 791	3	239	
762	9.484 391	23	9.505 602	26	0.494 398	9.978 788	2	238	
763	9.484 414	24	9.505 628	26	0.494 372	9.978 786	3	237	
		24		26			2		26
764	9.484 438	24	9.505 654	27	0.494 346	9.978 783	3	236	
765	9.484 462	23	9.505 681	26	0.494 319	9.978 781	2	235	
766	9.484 485	24	9.505 707	26	0.494 293	9.978 779	3	234	1 2.6
		24		26			2		2 5.2
767	9.484 509	24	9.505 733	26	0.494 267	9.978 776	3	233	3 7.8
768	9.484 533	23	9.505 759	26	0.494 241	9.978 774	2	232	4 10.4
769	9.484 556	24	9.505 785	26	0.494 215	9.978 771	3	231	5 13.0
		24		26			2		6 15.6
.770	9.484 580	24	9.505 811	26	0.494 189	9.978 769	3	.230	7 18.2
		23		26			2		8 20.8
771	9.484 604	24	9.505 837	26	0.494 163	9.978 766	3	229	9 23.4
772	9.484 627	24	9.505 863	26	0.494 137	9.978 764	2	228	
773	9.484 651	23	9.505 889	26	0.494 111	9.978 762	3	227	
		24		26			2		
774	9.484 674	24	9.505 915	26	0.494 085	9.978 759	3	226	
775	9.484 698	24	9.505 941	26	0.494 059	9.978 757	2	225	
776	9.484 722	23	9.505 967	26	0.494 033	9.978 754	3	224	
		24		26			2		24
777	9.484 745	24	9.505 993	27	0.494 007	9.978 752	3	223	
778	9.484 769	24	9.506 020	26	0.493 980	9.978 749	2	222	1 2.4
779	9.484 793	23	9.506 046	26	0.493 954	9.978 747	3	221	2 4.8
		24		26			2		3 7.2
.780	9.484 816	24	9.506 072	26	0.493 928	9.978 745	3	.220	4 9.6
		24		26			2		5 12.0
781	9.484 840	23	9.506 098	26	0.493 902	9.978 742	3	219	6 14.4
782	9.484 864	24	9.506 124	26	0.493 876	9.978 740	2	218	7 16.8
783	9.484 887	24	9.506 150	26	0.493 850	9.978 737	3	217	8 19.2
		23		26			2		9 21.6
784	9.484 911	24	9.506 176	26	0.493 824	9.978 735	3	216	
785	9.484 934	24	9.506 202	26	0.493 798	9.978 732	2	215	
786	9.484 958	24	9.506 228	26	0.493 772	9.978 730	3	214	
		23		26			2		
787	9.484 982	24	9.506 254	26	0.493 746	9.978 728	3	213	
788	9.485 005	24	9.506 280	26	0.493 720	9.978 725	2	212	
789	9.485 029	24	9.506 306	26	0.493 694	9.978 723	3	211	
		24		26			2		23
.790	9.485 053	23	9.506 332	26	0.493 668	9.978 720	3	.210	1 2.3
		24		26			2		2 4.6
791	9.485 076	24	9.506 358	26	0.493 642	9.978 718	3	209	3 6.9
792	9.485 100	23	9.506 384	26	0.493 616	9.978 715	2	208	4 9.2
793	9.485 123	24	9.506 410	27	0.493 590	9.978 713	3	207	5 11.5
		24		26			2		6 13.8
794	9.485 147	24	9.506 437	26	0.493 563	9.978 711	3	206	7 16.1
795	9.485 171	23	9.506 463	26	0.493 537	9.978 708	2	205	8 18.4
796	9.485 194	24	9.506 489	26	0.493 511	9.978 706	3	204	9 20.7
		24		26			2		
797	9.485 218	24	9.506 515	26	0.493 485	9.978 703	3	203	
798	9.485 242	23	9.506 541	26	0.493 459	9.978 701	2	202	
799	9.485 265	24	9.506 567	26	0.493 433	9.978 698	3	201	
		24		26			2		
.800	9.485 289		9.506 593		0.493 407	9.978 696		.200	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

$72^{\circ}.250 - 72^{\circ}.200$

17°.800 — 17°.850

17°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.485 289		9.506 593		0.493 407	9.978 696		.200	
801	9.485 312	23	9.506 619	26	0.493 381	9.978 694	2	199	
802	9.485 336	24	9.506 645	26	0.493 355	9.978 691	3	198	
803	9.485 360	24	9.506 671	26	0.493 329	9.978 689	2	197	
804	9.485 383	23	9.506 697	26	0.493 303	9.978 686	3	196	
805	9.485 407	24	9.506 723	26	0.493 277	9.978 684	2	195	
806	9.485 430	23	9.506 749	26	0.493 251	9.978 681	3	194	
		24		26			2		26
807	9.485 454		9.506 775	26	0.493 225	9.978 679		193	
808	9.485 478	24	9.506 801	26	0.493 199	9.978 676	3	192	1 2.6
809	9.485 501	23	9.506 827	26	0.493 173	9.978 674	2	191	2 5.2
		24		26			2		3 7.8
.810	9.485 525		9.506 853		0.493 147	9.978 672		.190	4 10.4
		23		26			3		5 13.0
811	9.485 548	24	9.506 879	26	0.493 121	9.978 669	2	189	6 15.6
812	9.485 572	24	9.506 905	26	0.493 095	9.978 667	3	188	7 18.2
813	9.485 596	24	9.506 931	26	0.493 069	9.978 664	2	187	8 20.8
		23		26			2		9 23.4
814	9.485 619		9.506 957	26	0.493 043	9.978 662		186	
815	9.485 643	24	9.506 983	26	0.493 017	9.978 659	3	185	
816	9.485 666	23	9.507 009	26	0.492 991	9.978 657	2	184	
		24		26			2		
817	9.485 690		9.507 035	26	0.492 965	9.978 655		183	
818	9.485 713	23	9.507 061	26	0.492 939	9.978 652	3	182	
819	9.485 737	24	9.507 087	26	0.492 913	9.978 650	2	181	
		24		26			3		
.820	9.485 761		9.507 113		0.492 887	9.978 647		.180	
		23		26			2		24
821	9.485 784	24	9.507 139	26	0.492 861	9.978 645	3	179	1 2.4
822	9.485 808	24	9.507 165	26	0.492 835	9.978 642	2	178	2 4.8
823	9.485 831	23	9.507 191	26	0.492 809	9.978 640	3	177	3 7.2
		24		26			2		4 9.6
824	9.485 855		9.507 217	26	0.492 783	9.978 638		176	5 12.0
825	9.485 879	24	9.507 243	26	0.492 757	9.978 635	3	175	6 14.4
826	9.485 902	23	9.507 269	26	0.492 731	9.978 633	2	174	7 16.8
		24		26			3		8 19.2
827	9.485 926		9.507 295	26	0.492 705	9.978 630		173	9 21.6
828	9.485 949	23	9.507 321	26	0.492 679	9.978 628	2	172	
829	9.485 973	24	9.507 347	26	0.492 653	9.978 625	3	171	
		23		26			2		
.830	9.485 996		9.507 373		0.492 627	9.978 623		.170	
		24		26			3		
831	9.486 020	24	9.507 399	26	0.492 601	9.978 620	2	169	
832	9.486 044	23	9.507 425	26	0.492 575	9.978 618	3	168	
833	9.486 067	24	9.507 451	26	0.492 549	9.978 616	2	167	
		23		26			3		
834	9.486 091		9.507 477	26	0.492 523	9.978 613		166	
835	9.486 114	23	9.507 503	26	0.492 497	9.978 611	2	165	
836	9.486 138	24	9.507 529	26	0.492 471	9.978 608	3	164	
		23		26			2		23
837	9.486 161		9.507 555	26	0.492 445	9.978 606		163	1 2.3
838	9.486 185	24	9.507 581	26	0.492 419	9.978 603	3	162	2 4.6
839	9.486 208	23	9.507 607	26	0.492 393	9.978 601	2	161	3 6.9
		24		26			2		4 9.2
.840	9.486 232		9.507 633		0.492 367	9.978 599		.160	5 11.5
		24		26			3		6 13.8
841	9.486 256	23	9.507 659	26	0.492 341	9.978 596	2	159	7 16.1
842	9.486 279	24	9.507 685	26	0.492 315	9.978 594	3	158	8 18.4
843	9.486 303	24	9.507 711	26	0.492 289	9.978 591	2	157	9 20.7
		23		26			2		
844	9.486 326		9.507 737	26	0.492 263	9.978 589		156	
845	9.486 350	24	9.507 763	26	0.492 237	9.978 586	3	155	
846	9.486 373	23	9.507 789	26	0.492 211	9.978 584	2	154	
		24		26			3		
847	9.486 397		9.507 815	26	0.492 185	9.978 581		153	
848	9.486 420	23	9.507 841	26	0.492 159	9.978 579	2	152	
849	9.486 444	24	9.507 867	26	0.492 133	9.978 577	3	151	
		23		26			2		
.850	9.486 467		9.507 893		0.492 107	9.978 574		.150	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.200 — 72°.150

17°.850 — 17°.900

17°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.486 467		9.507 893		0.492 107	9.978 574		.150	
851	9.486 491	24	9.507 919	26	0.492 081	9.978 572	2	149	
852	9.486 515	24	9.507 945	26	0.492 055	9.978 569	3	148	
853	9.486 538	23	9.507 971	26	0.492 029	9.978 567	2	147	
854	9.486 562	24	9.507 997	26	0.492 003	9.978 564	3	146	26
855	9.486 585	23	9.508 023	26	0.491 977	9.978 562	2	145	1 2.6
856	9.486 609	24	9.508 049	26	0.491 951	9.978 559	3	144	2 5.2
857	9.486 632	23	9.508 075	26	0.491 925	9.978 557	2	143	3 7.8
858	9.486 656	24	9.508 101	26	0.491 899	9.978 555	2	142	4 10.4
859	9.486 679	23	9.508 127	26	0.491 873	9.978 552	3	141	5 13.0
.860	9.486 703	24	9.508 153	26	0.491 847	9.978 550	2	.140	6 15.6
861	9.486 726	23	9.508 179	26	0.491 821	9.978 547	3	139	7 18.2
862	9.486 750	24	9.508 205	26	0.491 795	9.978 545	2	138	8 20.8
863	9.486 773	23	9.508 231	26	0.491 769	9.978 542	3	137	9 23.4
864	9.486 797	24	9.508 257	26	0.491 743	9.978 540	2	136	
865	9.486 820	23	9.508 283	26	0.491 717	9.978 537	3	135	25
866	9.486 844	24	9.508 309	26	0.491 691	9.978 535	2	134	1 2.5
867	9.486 867	23	9.508 335	26	0.491 665	9.978 533	2	133	2 5.0
868	9.486 891	24	9.508 361	26	0.491 639	9.978 530	3	132	3 7.5
869	9.486 914	23	9.508 387	26	0.491 613	9.978 528	2	131	4 10.0
.870	9.486 938	24	9.508 413	26	0.491 587	9.978 525	3	.130	5 12.5
871	9.486 961	23	9.508 439	26	0.491 561	9.978 523	2	129	6 15.0
872	9.486 985	24	9.508 465	26	0.491 535	9.978 520	3	128	7 17.5
873	9.487 008	23	9.508 491	26	0.491 509	9.978 518	2	127	8 20.0
874	9.487 032	24	9.508 516	25	0.491 484	9.978 515	3	126	9 22.5
875	9.487 055	23	9.508 542	26	0.491 458	9.978 513	2	125	
876	9.487 079	24	9.508 568	26	0.491 432	9.978 511	2	124	
877	9.487 102	23	9.508 594	26	0.491 406	9.978 508	3	123	24
878	9.487 126	24	9.508 620	26	0.491 380	9.978 506	2	122	1 2.4
879	9.487 149	23	9.508 646	26	0.491 354	9.978 503	3	121	2 4.8
.880	9.487 173	24	9.508 672	26	0.491 328	9.978 501	2	.120	3 7.2
881	9.487 196	23	9.508 698	26	0.491 302	9.978 498	3	119	4 9.6
882	9.487 220	24	9.508 724	26	0.491 276	9.978 496	2	118	5 12.0
883	9.487 243	23	9.508 750	26	0.491 250	9.978 493	3	117	6 14.4
884	9.487 267	24	9.508 776	26	0.491 224	9.978 491	2	116	7 16.8
885	9.487 290	23	9.508 802	26	0.491 198	9.978 489	2	115	8 19.2
886	9.487 314	24	9.508 828	26	0.491 172	9.978 486	3	114	9 21.6
887	9.487 337	23	9.508 854	26	0.491 146	9.978 484	2	113	
888	9.487 361	24	9.508 880	26	0.491 120	9.978 481	3	112	
889	9.487 384	23	9.508 906	26	0.491 094	9.978 479	2	111	23
.890	9.487 408	24	9.508 931	25	0.491 069	9.978 476	3	.110	1 2.3
891	9.487 431	23	9.508 957	26	0.491 043	9.978 474	2	109	2 4.6
892	9.487 455	24	9.508 983	26	0.491 017	9.978 471	3	108	3 6.9
893	9.487 478	23	9.509 009	26	0.490 991	9.978 469	2	107	4 9.2
894	9.487 502	24	9.509 035	26	0.490 965	9.978 467	2	106	5 11.5
895	9.487 525	23	9.509 061	26	0.490 939	9.978 464	2	105	6 13.8
896	9.487 549	24	9.509 087	26	0.490 913	9.978 462	3	104	7 16.1
897	9.487 572	23	9.509 113	26	0.490 887	9.978 459	2	103	8 18.4
898	9.487 596	24	9.509 139	26	0.490 861	9.978 457	3	102	9 20.7
899	9.487 619	23	9.509 165	26	0.490 835	9.978 454	2	101	
.900	9.487 643	24	9.509 191	26	0.490 809	9.978 452	3	.100	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

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17°.900 — 17°.950

17°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.487 643		9.509 191		0.490 809	9.978 452		.100	
901	9.487 666	23	9.509 217	26	0.490 783	9.978 449	3	099	
902	9.487 690	24	9.509 243	26	0.490 757	9.978 447	2	098	
903	9.487 713	23	9.509 268	25	0.490 732	9.978 445	2	097	
		23		26			3		26
904	9.487 736	24	9.509 294	26	0.490 706	9.978 442	2	096	1 2.6
905	9.487 760	23	9.509 320	26	0.490 680	9.978 440	3	095	2 5.2
906	9.487 783	24	9.509 346	26	0.490 654	9.978 437	2	094	3 7.8
		24		26			2		4 10.4
907	9.487 807	23	9.509 372	26	0.490 628	9.978 435	3	093	5 13.0
908	9.487 830	24	9.509 398	26	0.490 602	9.978 432	2	092	6 15.6
909	9.487 854	23	9.509 424	26	0.490 576	9.978 430	3	091	7 18.2
		24		26			2		8 20.8
.910	9.487 877	23	9.509 450	26	0.490 550	9.978 427	3	.090	9 23.4
		24		26			2		
911	9.487 901	23	9.509 476	26	0.490 524	9.978 425	3	089	
912	9.487 924	24	9.509 502	25	0.490 498	9.978 422	2	088	
913	9.487 948	23	9.509 527	26	0.490 473	9.978 420	2	087	
		23		26			2		
914	9.487 971	23	9.509 553	26	0.490 447	9.978 418	3	086	
915	9.487 994	24	9.509 579	26	0.490 421	9.978 415	2	085	
916	9.488 018	23	9.509 605	26	0.490 395	9.978 413	3	084	25
		24		26			2		
917	9.488 041	23	9.509 631	26	0.490 369	9.978 410	3	083	1 2.5
918	9.488 065	24	9.509 657	26	0.490 343	9.978 408	2	082	2 5.0
919	9.488 088	23	9.509 683	26	0.490 317	9.978 405	3	081	3 7.5
		24		26			2		4 10.0
.920	9.488 112	23	9.509 709	26	0.490 291	9.978 403	3	.080	5 12.5
		24		26			2		6 15.0
921	9.488 135	23	9.509 735	26	0.490 265	9.978 400	3	079	7 17.5
922	9.488 159	24	9.509 761	25	0.490 239	9.978 398	2	078	8 20.0
923	9.488 182	23	9.509 786	26	0.490 214	9.978 396	3	077	9 22.5
		23		26			2		
924	9.488 205	24	9.509 812	26	0.490 188	9.978 393	3	076	
925	9.488 229	23	9.509 838	26	0.490 162	9.978 391	2	075	
926	9.488 252	24	9.509 864	26	0.490 136	9.978 388	3	074	
		24		26			2		
927	9.488 276	23	9.509 890	26	0.490 110	9.978 386	3	073	24
928	9.488 299	24	9.509 916	26	0.490 084	9.978 383	2	072	
929	9.488 323	23	9.509 942	26	0.490 058	9.978 381	3	071	1 2.4
		24		26			2		2 4.8
.930	9.488 346	23	9.509 968	25	0.490 032	9.978 378	3	.070	3 7.2
		23		26			2		4 9.6
931	9.488 369	24	9.509 993	26	0.490 007	9.978 376	3	069	5 12.0
932	9.488 393	23	9.510 019	26	0.489 981	9.978 373	2	068	6 14.4
933	9.488 416	24	9.510 045	26	0.489 955	9.978 371	3	067	7 16.8
		24		26			2		8 19.2
934	9.488 440	23	9.510 071	26	0.489 929	9.978 369	3	066	9 21.6
935	9.488 463	24	9.510 097	26	0.489 903	9.978 366	2	065	
936	9.488 487	23	9.510 123	26	0.489 877	9.978 364	3	064	
		23		26			2		
937	9.488 510	24	9.510 149	26	0.489 851	9.978 361	3	063	
938	9.488 533	23	9.510 175	25	0.489 825	9.978 359	2	062	
939	9.488 557	24	9.510 200	26	0.489 800	9.978 356	3	061	
		23		26			2		23
.940	9.488 580	24	9.510 226	26	0.489 774	9.978 354	3	.060	1 2.3
		23		26			2		2 4.6
941	9.488 604	23	9.510 252	26	0.489 748	9.978 351	3	059	3 6.9
942	9.488 627	23	9.510 278	26	0.489 722	9.978 349	2	058	4 9.2
943	9.488 650	24	9.510 304	26	0.489 696	9.978 346	3	057	5 11.5
		24		26			2		6 13.8
944	9.488 674	23	9.510 330	26	0.489 670	9.978 344	3	056	7 16.1
945	9.488 697	24	9.510 356	25	0.489 644	9.978 342	2	055	8 18.4
946	9.488 721	23	9.510 381	26	0.489 619	9.978 339	3	054	9 20.7
		23		26			2		
947	9.488 744	23	9.510 407	26	0.489 593	9.978 337	3	053	
948	9.488 767	24	9.510 433	26	0.489 567	9.978 334	2	052	
949	9.488 791	23	9.510 459	26	0.489 541	9.978 332	3	051	
		24		26			2		
.950	9.488 814	23	9.510 485	26	0.489 515	9.978 329	3	.050	
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.100 — 72°.050

17°.950 — 18°.000

17°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.488 814		9.510 485		0.489 515	9.978 329		.050	
951	9.488 838	24	9.510 511	26	0.489 489	9.978 327	2	049	
952	9.488 861	23	9.510 537	26	0.489 463	9.978 324	3	048	
953	9.488 884	23	9.510 562	25	0.489 438	9.978 322	2	047	
		24		26			3		26
954	9.488 908		9.510 588		0.489 412	9.978 319	2	046	1 2.6
955	9.488 931	23	9.510 614	26	0.489 386	9.978 317	2	045	2 5.2
956	9.488 955	24	9.510 640	26	0.489 360	9.978 315	2	044	3 7.8
		23		26			3		4 10.4
957	9.488 978		9.510 666		0.489 334	9.978 312	2	043	5 13.0
958	9.489 001	23	9.510 692	26	0.489 308	9.978 310	3	042	6 15.6
959	9.489 025	24	9.510 718	26	0.489 282	9.978 307	2	041	7 18.2
		23		25			3		8 20.8
.960	9.489 048		9.510 743		0.489 257	9.978 305		.040	9 23.4
		23		26			3		
961	9.489 071	24	9.510 769	26	0.489 231	9.978 302	2	039	
962	9.489 095	23	9.510 795	26	0.489 205	9.978 300	3	038	
963	9.489 118	23	9.510 821	26	0.489 179	9.978 297	2	037	
		24		26			3		25
964	9.489 142		9.510 847		0.489 153	9.978 295	2	036	1 2.5
965	9.489 165	23	9.510 873	26	0.489 127	9.978 292	3	035	2 5.0
966	9.489 188	23	9.510 898	25	0.489 102	9.978 290	2	034	3 7.5
		24		26			3		4 10.0
967	9.489 212		9.510 924		0.489 076	9.978 288	2	033	5 12.5
968	9.489 235	23	9.510 950	26	0.489 050	9.978 285	3	032	6 15.0
969	9.489 259	24	9.510 976	26	0.489 024	9.978 283	2	031	7 17.5
		23		26			3		8 20.0
.970	9.489 282		9.511 002		0.488 998	9.978 280		.030	9 22.5
		23		26			2		
971	9.489 305	24	9.511 028	25	0.488 972	9.978 278	3	029	
972	9.489 329	23	9.511 053	26	0.488 947	9.978 275	2	028	
973	9.489 352	23	9.511 079	26	0.488 921	9.978 273	3	027	
		23		26			2		24
974	9.489 375	24	9.511 105	26	0.488 895	9.978 270	3	026	1 2.4
975	9.489 399	23	9.511 131	26	0.488 869	9.978 268	2	025	2 4.8
976	9.489 422	23	9.511 157	26	0.488 843	9.978 265	3	024	3 7.2
		23		26			2		4 9.6
977	9.489 445	24	9.511 183	25	0.488 817	9.978 263	3	023	5 12.0
978	9.489 469	23	9.511 208	26	0.488 792	9.978 260	2	022	6 14.4
979	9.489 492	23	9.511 234	26	0.488 766	9.978 258	3	021	7 16.8
		24		26			2		8 19.2
.980	9.489 516		9.511 260		0.488 740	9.978 256		.020	9 21.6
		23		26			3		
981	9.489 539	23	9.511 286	26	0.488 714	9.978 253	2	019	
982	9.489 562	24	9.511 312	25	0.488 688	9.978 251	3	018	
983	9.489 586	23	9.511 337	26	0.488 663	9.978 248	2	017	
		23		26			3		23
984	9.489 609		9.511 363		0.488 637	9.978 246	2	016	1 2.3
985	9.489 632	23	9.511 389	26	0.488 611	9.978 243	3	015	2 4.6
986	9.489 656	24	9.511 415	26	0.488 585	9.978 241	2	014	3 6.9
		23		26			3		4 9.2
987	9.489 679	23	9.511 441	25	0.488 559	9.978 238	2	013	5 11.5
988	9.489 702	24	9.511 466	26	0.488 534	9.978 236	3	012	6 13.8
989	9.489 726	23	9.511 492	26	0.488 508	9.978 233	2	011	7 16.1
		23		26			3		8 18.4
.990	9.489 749		9.511 518		0.488 482	9.978 231		.010	9 20.7
		23		26			2		
991	9.489 772	24	9.511 544	26	0.488 456	9.978 228	3	009	
992	9.489 796	23	9.511 570	26	0.488 430	9.978 226	2	008	
993	9.489 819	23	9.511 595	25	0.488 405	9.978 224	3	007	
		23		26			2		
994	9.489 842		9.511 621		0.488 379	9.978 221	3	006	2 2.3
995	9.489 866	24	9.511 647	26	0.488 353	9.978 219	2	005	3 4.6
996	9.489 889	23	9.511 673	26	0.488 327	9.978 216	3	004	4 6.9
		23		26			2		5 9.2
997	9.489 912		9.511 699		0.488 301	9.978 214	3	003	6 11.5
998	9.489 936	24	9.511 724	25	0.488 276	9.978 211	2	002	7 13.8
999	9.489 959	23	9.511 750	26	0.488 250	9.978 209	3	001	8 16.1
		23		26			2		9 18.4
*.000	9.489 982		9.511 776		0.488 224	9.978 206		.000	20.7
		23		26			3		
	cos	d	cotg	d	tang	sin	d	72°	P.P.

72°.050 — 72°.000

18°.000 — 18°.050

18°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.489 982		9.511 776		0.488 224	9.978 206		*.000	
001	9.490 006	24	9.511 802	26	0.488 198	9.978 204	2	999	
002	9.490 029	23	9.511 828	26	0.488 172	9.978 201	3	998	
003	9.490 052	23	9.511 853	25	0.488 147	9.978 199	2	997	
004	9.490 076	24	9.511 879	26	0.488 121	9.978 196	3	996	26
005	9.490 099	23	9.511 905	26	0.488 095	9.978 194	2	995	1 2.6
006	9.490 122	23	9.511 931	26	0.488 069	9.978 192	2	994	2 5.2
007	9.490 146	24	9.511 957	26	0.488 043	9.978 189	3	993	3 7.8
008	9.490 169	23	9.511 982	25	0.488 018	9.978 187	2	992	4 10.4
009	9.490 192	23	9.512 008	26	0.487 992	9.978 184	3	991	5 13.0
.010	9.490 216	24	9.512 034	26	0.487 966	9.978 182	2	.990	6 15.6
011	9.490 239	23	9.512 060	26	0.487 940	9.978 179	3	989	7 18.2
012	9.490 262	23	9.512 085	25	0.487 915	9.978 177	2	988	8 20.8
013	9.490 286	24	9.512 111	26	0.487 889	9.978 174	3	987	9 23.4
014	9.490 309	23	9.512 137	26	0.487 863	9.978 172	2	986	
015	9.490 332	23	9.512 163	26	0.487 837	9.978 169	3	985	25
016	9.490 355	23	9.512 189	26	0.487 811	9.978 167	2	984	1 2.5
017	9.490 379	24	9.512 214	25	0.487 786	9.978 164	3	983	2 5.0
018	9.490 402	23	9.512 240	26	0.487 760	9.978 162	2	982	3 7.5
019	9.490 425	23	9.512 266	26	0.487 734	9.978 160	2	981	4 10.0
.020	9.490 449	24	9.512 292	26	0.487 708	9.978 157	3	.980	5 12.5
021	9.490 472	23	9.512 317	25	0.487 683	9.978 155	2	979	6 15.0
022	9.490 495	23	9.512 343	26	0.487 657	9.978 152	3	978	7 17.5
023	9.490 519	24	9.512 369	26	0.487 631	9.978 150	2	977	8 20.0
024	9.490 542	23	9.512 395	26	0.487 605	9.978 147	3	976	9 22.5
025	9.490 565	23	9.512 420	25	0.487 580	9.978 145	2	975	
026	9.490 588	23	9.512 446	26	0.487 554	9.978 142	3	974	
027	9.490 612	24	9.512 472	26	0.487 528	9.978 140	2	973	24
028	9.490 635	23	9.512 498	26	0.487 502	9.978 137	3	972	1 2.4
029	9.490 658	23	9.512 523	25	0.487 477	9.978 135	2	971	2 4.8
.030	9.490 682	24	9.512 549	26	0.487 451	9.978 132	3	.970	3 7.2
031	9.490 705	23	9.512 575	26	0.487 425	9.978 130	2	969	4 9.6
032	9.490 728	23	9.512 601	26	0.487 399	9.978 127	3	968	5 12.0
033	9.490 751	23	9.512 626	25	0.487 374	9.978 125	2	967	6 14.4
034	9.490 775	24	9.512 652	26	0.487 348	9.978 123	2	966	7 16.8
035	9.490 798	23	9.512 678	26	0.487 322	9.978 120	3	965	8 19.2
036	9.490 821	23	9.512 704	26	0.487 296	9.978 118	2	964	9 21.6
037	9.490 845	24	9.512 729	25	0.487 271	9.978 115	3	963	
038	9.490 868	23	9.512 755	26	0.487 245	9.978 113	2	962	
039	9.490 891	23	9.512 781	26	0.487 219	9.978 110	3	961	
.040	9.490 914	23	9.512 807	26	0.487 193	9.978 108	2	.960	23
041	9.490 938	24	9.512 832	25	0.487 168	9.978 105	3	959	1 2.3
042	9.490 961	23	9.512 858	26	0.487 142	9.978 103	2	958	2 4.6
043	9.490 984	23	9.512 884	26	0.487 116	9.978 100	3	957	3 6.9
044	9.491 007	23	9.512 910	26	0.487 090	9.978 098	2	956	4 9.2
045	9.491 031	24	9.512 935	25	0.487 065	9.978 095	3	955	5 11.5
046	9.491 054	23	9.512 961	26	0.487 039	9.978 093	2	954	6 13.8
047	9.491 077	23	9.512 987	26	0.487 013	9.978 090	3	953	7 16.1
048	9.491 101	24	9.513 013	26	0.486 987	9.978 088	2	952	8 18.4
049	9.491 124	23	9.513 038	25	0.486 962	9.978 085	3	951	9 20.7
.050	9.491 147	23	9.513 064	26	0.486 936	9.978 083	2	.950	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

72°.000 — 71°.950

18°.050 — 18°.100

18°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.491 147		9.513 064		0.486 936	9.978 083		.950	
051	9.491 170	23	9.513 090	26	0.486 910	9.978 081	2	949	
052	9.491 194	24	9.513 116	26	0.486 884	9.978 078	3	948	
053	9.491 217	23	9.513 141	25	0.486 859	9.978 076	2	947	
		23		26			3		26
054	9.491 240	23	9.513 167	26	0.486 833	9.978 073	2	946	1 2.6
055	9.491 263	23	9.513 193	26	0.486 807	9.978 071	3	945	2 5.2
056	9.491 287	24	9.513 218	25	0.486 782	9.978 068	2	944	3 7.8
		23		26			3		4 10.4
057	9.491 310	23	9.513 244	26	0.486 756	9.978 066	2	943	5 13.0
058	9.491 333	23	9.513 270	26	0.486 730	9.978 063	3	942	6 15.6
059	9.491 356	23	9.513 296	26	0.486 704	9.978 061	2	941	7 18.2
		24		25			3		8 20.8
.060	9.491 380	23	9.513 321	26	0.486 679	9.978 058	2	.940	9 23.4
061	9.491 403	23	9.513 347	26	0.486 653	9.978 056	3	939	
062	9.491 426	23	9.513 373	26	0.486 627	9.978 053	2	938	
063	9.491 449	23	9.513 398	25	0.486 602	9.978 051	3	937	
		24		26			2		25
064	9.491 473	23	9.513 424	26	0.486 576	9.978 048	3	936	1 2.5
065	9.491 496	23	9.513 450	26	0.486 550	9.978 046	2	935	2 5.0
066	9.491 519	23	9.513 476	26	0.486 524	9.978 043	3	934	3 7.5
		23		25			2		4 10.0
067	9.491 542	24	9.513 501	26	0.486 499	9.978 041	3	933	5 12.5
068	9.491 566	23	9.513 527	26	0.486 473	9.978 039	2	932	6 15.0
069	9.491 589	23	9.513 553	26	0.486 447	9.978 036	3	931	7 17.5
		23		25			2		8 20.0
.070	9.491 612	23	9.513 578	26	0.486 422	9.978 034	3	.930	9 22.5
071	9.491 635	23	9.513 604	26	0.486 396	9.978 031	2	929	
072	9.491 658	24	9.513 630	26	0.486 370	9.978 029	3	928	
073	9.491 682	23	9.513 656	25	0.486 344	9.978 026	2	927	
		23		26			3		
074	9.491 705	23	9.513 681	26	0.486 319	9.978 024	2	926	
075	9.491 728	23	9.513 707	26	0.486 293	9.978 021	3	925	
076	9.491 751	23	9.513 733	26	0.486 267	9.978 019	2	924	
		24		25			3		24
077	9.491 775	23	9.513 758	26	0.486 242	9.978 016	2	923	1 2.4
078	9.491 798	23	9.513 784	26	0.486 216	9.978 014	3	922	2 4.8
079	9.491 821	23	9.513 810	26	0.486 190	9.978 011	2	921	3 7.2
		23		25			3		4 9.6
.080	9.491 844	23	9.513 835	26	0.486 165	9.978 009	2	.920	5 12.0
081	9.491 867	24	9.513 861	26	0.486 139	9.978 006	3	919	6 14.4
082	9.491 891	23	9.513 887	25	0.486 113	9.978 004	2	918	7 16.8
083	9.491 914	23	9.513 912	26	0.486 088	9.978 001	3	917	8 19.2
		23		26			2		9 21.6
084	9.491 937	23	9.513 938	26	0.486 062	9.977 999	3	916	
085	9.491 960	24	9.513 964	26	0.486 036	9.977 996	2	915	
086	9.491 984	23	9.513 990	25	0.486 010	9.977 994	3	914	
		23		26			2		
087	9.492 007	23	9.514 015	26	0.485 985	9.977 992	3	913	
088	9.492 030	23	9.514 041	26	0.485 959	9.977 989	2	912	
089	9.492 053	23	9.514 067	26	0.485 933	9.977 987	3	911	
		23		25			2		23
.090	9.492 076	24	9.514 092	26	0.485 908	9.977 984	3	.910	1 2.3
091	9.492 100	23	9.514 118	26	0.485 882	9.977 982	2	909	2 4.6
092	9.492 123	23	9.514 144	26	0.485 856	9.977 979	3	908	3 6.9
093	9.492 146	23	9.514 169	25	0.485 831	9.977 977	2	907	4 9.2
		23		26			3		5 11.5
094	9.492 169	23	9.514 195	26	0.485 805	9.977 974	2	906	6 13.8
095	9.492 192	24	9.514 221	26	0.485 779	9.977 972	3	905	7 16.1
096	9.492 216	23	9.514 246	25	0.485 754	9.977 969	2	904	8 18.4
		23		26			3		9 20.7
097	9.492 239	23	9.514 272	26	0.485 728	9.977 967	2	903	
098	9.492 262	23	9.514 298	26	0.485 702	9.977 964	3	902	
099	9.492 285	23	9.514 323	25	0.485 677	9.977 962	2	901	
		23		26			3		
.100	9.492 308		9.514 349		0.485 651	9.977 959		.900	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.950 — 71°.900

18°.100 — 18°.150

18°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.492 308		9.514 349		0.485 651	9.977 959		.900	
101	9.492 331	23	9.514 375	26	0.485 625	9.977 957	2	899	
102	9.492 355	24	9.514 400	25	0.485 600	9.977 954	3	898	
103	9.492 378	23	9.514 426	26	0.485 574	9.977 952	2	897	
		23		26			3		26
104	9.492 401	23	9.514 452	25	0.485 548	9.977 949	2	896	1 2.6
105	9.492 424	23	9.514 477	26	0.485 523	9.977 947	3	895	2 5.2
106	9.492 447	23	9.514 503	26	0.485 497	9.977 944	2	894	3 7.8
		24		26			3		4 10.4
107	9.492 471	23	9.514 529	25	0.485 471	9.977 942	2	893	5 13.0
108	9.492 494	23	9.514 554	26	0.485 446	9.977 939	3	892	6 15.6
109	9.492 517	23	9.514 580	26	0.485 420	9.977 937	2	891	7 18.2
		23		26			3		8 20.8
.110	9.492 540	23	9.514 606	25	0.485 394	9.977 935	2	.890	9 23.4
		23		26			3		
111	9.492 563	23	9.514 631	26	0.485 369	9.977 932	2	889	
112	9.492 586	24	9.514 657	26	0.485 343	9.977 930	3	888	
113	9.492 610	23	9.514 683	25	0.485 317	9.977 927	2	887	
		23		26			3		25
114	9.492 633	23	9.514 708	26	0.485 292	9.977 925	2	886	1 2.5
115	9.492 656	23	9.514 734	26	0.485 266	9.977 922	3	885	2 5.0
116	9.492 679	23	9.514 760	26	0.485 240	9.977 920	2	884	3 7.5
		23		25			3		4 10.0
117	9.492 702	24	9.514 785	26	0.485 215	9.977 917	2	883	5 12.5
118	9.492 726	23	9.514 811	25	0.485 189	9.977 915	3	882	6 15.0
119	9.492 749	23	9.514 836	26	0.485 164	9.977 912	2	881	7 17.5
		23		26			3		8 20.0
.120	9.492 772	23	9.514 862	25	0.485 138	9.977 910	2	.880	9 22.5
		23		26			3		
121	9.492 795	23	9.514 888	25	0.485 112	9.977 907	2	879	
122	9.492 818	23	9.514 913	26	0.485 087	9.977 905	3	878	
123	9.492 841	23	9.514 939	26	0.485 061	9.977 902	2	877	
		23		26			3		
124	9.492 864	24	9.514 965	25	0.485 035	9.977 900	2	876	
125	9.492 888	23	9.514 990	26	0.485 010	9.977 897	3	875	
126	9.492 911	23	9.515 016	26	0.484 984	9.977 895	2	874	
		23		26			3		
127	9.492 934	23	9.515 042	25	0.484 958	9.977 892	2	873	24
128	9.492 957	23	9.515 067	26	0.484 933	9.977 890	3	872	1 2.4
129	9.492 980	23	9.515 093	25	0.484 907	9.977 887	2	871	2 4.8
		23		26			3		3 7.2
.130	9.493 003	24	9.515 118	26	0.484 882	9.977 885	2	.870	4 9.6
		23		26			3		5 12.0
131	9.493 027	23	9.515 144	26	0.484 856	9.977 882	2	869	6 14.4
132	9.493 050	23	9.515 170	25	0.484 830	9.977 880	3	868	7 16.8
133	9.493 073	23	9.515 195	26	0.484 805	9.977 877	2	867	8 19.2
		23		26			3		9 21.6
134	9.493 096	23	9.515 221	26	0.484 779	9.977 875	2	866	
135	9.493 119	23	9.515 247	25	0.484 753	9.977 873	3	865	
136	9.493 142	23	9.515 272	26	0.484 728	9.977 870	2	864	
		23		26			3		
137	9.493 165	24	9.515 298	26	0.484 702	9.977 868	2	863	
138	9.493 189	23	9.515 324	25	0.484 676	9.977 865	3	862	
139	9.493 212	23	9.515 349	26	0.484 651	9.977 863	2	861	
		23		26			3		23
.140	9.493 235	23	9.515 375	25	0.484 625	9.977 860	2	.860	1 2.3
		23		26			3		2 4.6
141	9.493 258	23	9.515 400	26	0.484 600	9.977 858	2	859	3 6.9
142	9.493 281	23	9.515 426	26	0.484 574	9.977 855	3	858	4 9.2
143	9.493 304	23	9.515 452	25	0.484 548	9.977 853	2	857	5 11.5
		23		26			3		6 13.8
144	9.493 327	23	9.515 477	26	0.484 523	9.977 850	2	856	7 16.1
145	9.493 350	24	9.515 503	25	0.484 497	9.977 848	3	855	8 18.4
146	9.493 374	23	9.515 528	26	0.484 472	9.977 845	2	854	9 20.7
		23		26			3		
147	9.493 397	23	9.515 554	26	0.484 446	9.977 843	2	853	
148	9.493 420	23	9.515 580	25	0.484 420	9.977 840	3	852	
149	9.493 443	23	9.515 605	26	0.484 395	9.977 838	2	851	
		23		26			3		
.150	9.493 466	23	9.515 631	25	0.484 369	9.977 835	2	.850	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.900 — 71°.850

$18^{\circ}.150 - 18^{\circ}.200$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.493 466		9.515 631		0.484 369	9.977 835		.850	
151	9.493 489	23	9.515 656	25	0.484 344	9.977 833	2	849	
152	9.493 512	23	9.515 682	26	0.484 318	9.977 830	3	848	
153	9.493 535	23	9.515 708	26	0.484 292	9.977 828	2	847	
		24		25			3		26
154	9.493 559		9.515 733		0.484 267	9.977 825		846	
155	9.493 582	23	9.515 759	26	0.484 241	9.977 823	2	845	1 2.6
156	9.493 605	23	9.515 784	25	0.484 216	9.977 820	3	844	2 5.2
		23		26			2		3 7.8
157	9.493 628		9.515 810		0.484 190	9.977 818		843	4 10.4
158	9.493 651	23	9.515 836	26	0.484 164	9.977 815	3	842	5 13.0
159	9.493 674	23	9.515 861	25	0.484 139	9.977 813	2	841	6 15.6
		23		26			3		7 18.2
.160	9.493 697		9.515 887		0.484 113	9.977 810		.840	8 20.8
		23		25			2		9 23.4
161	9.493 720	23	9.515 912	26	0.484 088	9.977 808	3	839	
162	9.493 743	23	9.515 938	26	0.484 062	9.977 805	2	838	
163	9.493 767	24	9.515 964	26	0.484 036	9.977 803	3	837	
		23		25			2		
164	9.493 790		9.515 989		0.484 011	9.977 800		836	
165	9.493 813	23	9.516 015	26	0.483 985	9.977 798	3	835	
166	9.493 836	23	9.516 040	25	0.483 960	9.977 795	2	834	25
		23		26			3		
167	9.493 859		9.516 066		0.483 934	9.977 793		833	1 2.5
168	9.493 882	23	9.516 092	26	0.483 908	9.977 791	2	832	2 5.0
169	9.493 905	23	9.516 117	25	0.483 883	9.977 788	3	831	3 7.5
		23		26			2		4 10.0
.170	9.493 928		9.516 143		0.483 857	9.977 786		.830	5 12.5
		23		25			3		6 15.0
171	9.493 951	23	9.516 168	26	0.483 832	9.977 783	2	829	7 17.5
172	9.493 974	23	9.516 194	26	0.483 806	9.977 781	3	828	8 20.0
173	9.493 998	24	9.516 220	26	0.483 780	9.977 778	2	827	9 22.5
		23		25			3		
174	9.494 021		9.516 245		0.483 755	9.977 776		826	
175	9.494 044	23	9.516 271	26	0.483 729	9.977 773	2	825	
176	9.494 067	23	9.516 296	25	0.483 704	9.977 771	3	824	
		23		26			2		
177	9.494 090		9.516 322		0.483 678	9.977 768		823	24
178	9.494 113	23	9.516 347	25	0.483 653	9.977 766	3	822	
179	9.494 136	23	9.516 373	26	0.483 627	9.977 763	2	821	1 2.4
		23		26			3		2 4.8
.180	9.494 159		9.516 399		0.483 601	9.977 761		.820	3 7.2
		23		25			2		4 9.6
181	9.494 182	23	9.516 424	26	0.483 576	9.977 758	3	819	5 12.0
182	9.494 205	23	9.516 450	25	0.483 550	9.977 756	2	818	6 14.4
183	9.494 228	23	9.516 475	26	0.483 525	9.977 753	3	817	7 16.8
		23		26			2		8 19.2
184	9.494 251		9.516 501		0.483 499	9.977 751		816	9 21.6
185	9.494 275	24	9.516 526	25	0.483 474	9.977 748	3	815	
186	9.494 298	23	9.516 552	26	0.483 448	9.977 746	2	814	
		23		26			3		
187	9.494 321		9.516 578		0.483 422	9.977 743		813	
188	9.494 344	23	9.516 603	25	0.483 397	9.977 741	2	812	
189	9.494 367	23	9.516 629	26	0.483 371	9.977 738	3	811	
		23		25			2		23
.190	9.494 390		9.516 654		0.483 346	9.977 736		.810	1 2.3
		23		26			3		2 4.6
191	9.494 413	23	9.516 680	25	0.483 320	9.977 733	2	809	3 6.9
192	9.494 436	23	9.516 705	26	0.483 295	9.977 731	3	808	4 9.2
193	9.494 459	23	9.516 731	26	0.483 269	9.977 728	2	807	5 11.5
		23		25			3		6 13.8
194	9.494 482		9.516 756		0.483 244	9.977 726		806	7 16.1
195	9.494 505	23	9.516 782	26	0.483 218	9.977 723	2	805	8 18.4
196	9.494 528	23	9.516 808	26	0.483 192	9.977 721	3	804	9 20.7
		23		25			2		
197	9.494 551		9.516 833		0.483 167	9.977 718		803	
198	9.494 574	23	9.516 859	26	0.483 141	9.977 716	3	802	
199	9.494 597	23	9.516 884	25	0.483 116	9.977 713	2	801	
		24		26			3		
.200	9.494 621		9.516 910		0.483 090	9.977 711		.800	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^{\circ}.850 - 71^{\circ}.800$

18°.200 — 18°.250

18°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.494 621		9.516 910		0.483 090	9.977 711		.800	
201	9.494 644	23	9.516 935	25	0.483 065	9.977 708	3	799	
202	9.494 667	23	9.516 961	26	0.483 039	9.977 706	2	798	
203	9.494 690	23	9.516 986	25	0.483 014	9.977 703	3	797	
		23		26			2		26
204	9.494 713		9.517 012		0.482 988	9.977 701	2	796	
205	9.494 736	23	9.517 037	25	0.482 963	9.977 698	3	795	1 2.6
206	9.494 759	23	9.517 063	26	0.482 937	9.977 696	2	794	2 5.2
		23		26			3		3 7.8
207	9.494 782		9.517 089		0.482 911	9.977 693	3	793	4 10.4
208	9.494 805	23	9.517 114	25	0.482 886	9.977 691	2	792	5 13.0
209	9.494 828	23	9.517 140	26	0.482 860	9.977 688	3	791	6 15.6
		23		25			2		7 18.2
.210	9.494 851		9.517 165		0.482 835	9.977 686		.790	8 20.8
		23		26			3		9 23.4
211	9.494 874	23	9.517 191	25	0.482 809	9.977 683	2	789	
212	9.494 897	23	9.517 216	26	0.482 784	9.977 681	3	788	
213	9.494 920	23	9.517 242	25	0.482 758	9.977 678	2	787	
		23		25			3		25
214	9.494 943		9.517 267		0.482 733	9.977 676	2	786	
215	9.494 966	23	9.517 293	26	0.482 707	9.977 673	3	785	
216	9.494 989	23	9.517 318	25	0.482 682	9.977 671	2	784	
		23		26			3		1 2.5
217	9.495 012		9.517 344		0.482 656	9.977 668	2	783	2 5.0
218	9.495 035	23	9.517 369	25	0.482 631	9.977 666	3	782	3 7.5
219	9.495 058	23	9.517 395	26	0.482 605	9.977 663	2	781	4 10.0
		23		25			3		5 12.5
.220	9.495 081		9.517 420		0.482 580	9.977 661		.780	6 15.0
		23		26			3		7 17.5
221	9.495 104	23	9.517 446	25	0.482 554	9.977 658	2	779	8 20.0
222	9.495 127	23	9.517 471	26	0.482 529	9.977 656	3	778	9 22.5
223	9.495 150	23	9.517 497	25	0.482 503	9.977 653	2	777	
		23		25			3		
224	9.495 173		9.517 522		0.482 478	9.977 651	2	776	
225	9.495 196	23	9.517 548	26	0.482 452	9.977 648	3	775	
226	9.495 219	23	9.517 574	26	0.482 426	9.977 646	2	774	
		24		25			3		24
227	9.495 243		9.517 599		0.482 401	9.977 643	2	773	
228	9.495 266	23	9.517 625	26	0.482 375	9.977 641	3	772	
229	9.495 289	23	9.517 650	25	0.482 350	9.977 638	2	771	
		23		26			3		1 2.4
.230	9.495 312		9.517 676		0.482 324	9.977 636		.770	2 4.8
		23		25			2		3 7.2
231	9.495 335	23	9.517 701	26	0.482 299	9.977 634	3	769	4 9.6
232	9.495 358	23	9.517 727	25	0.482 273	9.977 631	2	768	5 12.0
233	9.495 381	23	9.517 752	26	0.482 248	9.977 629	3	767	6 14.4
		23		26			2		7 16.8
234	9.495 404		9.517 778		0.482 222	9.977 626	3	766	8 19.2
235	9.495 427	23	9.517 803	25	0.482 197	9.977 624	2	765	9 21.6
236	9.495 450	23	9.517 829	26	0.482 171	9.977 621	3	764	
		23		25			2		
237	9.495 473		9.517 854		0.482 146	9.977 619	3	763	
238	9.495 496	23	9.517 880	26	0.482 120	9.977 616	2	762	
239	9.495 519	23	9.517 905	25	0.482 095	9.977 614	3	761	
		23		26			2		23
.240	9.495 542		9.517 931		0.482 069	9.977 611		.760	
		23		25			3		1 2.3
241	9.495 565	23	9.517 956	26	0.482 044	9.977 609	2	759	2 4.6
242	9.495 588	23	9.517 982	25	0.482 018	9.977 606	3	758	3 6.9
243	9.495 611	23	9.518 007	26	0.481 993	9.977 604	2	757	4 9.2
		23		26			3		5 11.5
244	9.495 634		9.518 033		0.481 967	9.977 601	2	756	6 13.8
245	9.495 657	23	9.518 058	25	0.481 942	9.977 599	3	755	7 16.1
246	9.495 680	23	9.518 084	26	0.481 916	9.977 596	2	754	8 18.4
		23		25			3		9 20.7
247	9.495 703		9.518 109		0.481 891	9.977 594	2	753	
248	9.495 726	23	9.518 135	26	0.481 865	9.977 591	3	752	
249	9.495 749	23	9.518 160	25	0.481 840	9.977 589	2	751	
		23		26			3		
.250	9.495 772		9.518 186		0.481 814	9.977 586		.750	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.800 — 71°.750

18°.250 — 18°.300

18°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.495 772		9.518 186		0.481 814	9.977 586		.750	
251	9.495 795	23	9.518 211	25	0.481 789	9.977 584	2	749	
252	9.495 818	23	9.518 236	25	0.481 764	9.977 581	3	748	
253	9.495 841	23	9.518 262	26	0.481 738	9.977 579	2	747	
		22		25			3		26
254	9.495 863		9.518 287	25	0.481 713	9.977 576	2	746	1 2.6
255	9.495 886	23	9.518 313	26	0.481 687	9.977 574	3	745	2 5.2
256	9.495 909	23	9.518 338	25	0.481 662	9.977 571	2	744	3 7.8
		23		26			3		4 10.4
257	9.495 932		9.518 364	25	0.481 636	9.977 569	2	743	5 13.0
258	9.495 955	23	9.518 389	26	0.481 611	9.977 566	3	742	6 15.6
259	9.495 978	23	9.518 415	25	0.481 585	9.977 564	2	741	7 18.2
		23		26			3		8 20.8
.260	9.496 001		9.518 440		0.481 560	9.977 561		.740	9 23.4
		23		26			2		
261	9.496 024	23	9.518 466	25	0.481 534	9.977 559	3	739	
262	9.496 047	23	9.518 491	26	0.481 509	9.977 556	2	738	
263	9.496 070	23	9.518 517	25	0.481 483	9.977 554	3	737	
		23		26			2		25
264	9.496 093		9.518 542	25	0.481 458	9.977 551	3	736	1 2.5
265	9.496 116	23	9.518 568	26	0.481 432	9.977 549	2	735	2 5.0
266	9.496 139	23	9.518 593	25	0.481 407	9.977 546	3	734	3 7.5
		23		26			2		4 10.0
267	9.496 162		9.518 619	25	0.481 381	9.977 544	3	733	5 12.5
268	9.496 185	23	9.518 644	26	0.481 356	9.977 541	2	732	6 15.0
269	9.496 208	23	9.518 670	25	0.481 330	9.977 539	3	731	7 17.5
		23		26			2		8 20.0
.270	9.496 231		9.518 695		0.481 305	9.977 536		.730	9 22.5
		23		25			3		
271	9.496 254	23	9.518 720	26	0.481 280	9.977 534	2	729	
272	9.496 277	23	9.518 746	25	0.481 254	9.977 531	3	728	
273	9.496 300	23	9.518 771	26	0.481 229	9.977 529	2	727	
		23		25			3		
274	9.496 323		9.518 797	25	0.481 203	9.977 526	2	726	
275	9.496 346	23	9.518 822	26	0.481 178	9.977 524	3	725	
276	9.496 369	23	9.518 848	25	0.481 152	9.977 521	2	724	
		23		26			3		
277	9.496 392		9.518 873	25	0.481 127	9.977 518	2	723	23
278	9.496 415	23	9.518 899	26	0.481 101	9.977 516	3	722	1 2.3
279	9.496 438	23	9.518 924	25	0.481 076	9.977 513	2	721	2 4.6
		23		26			3		3 6.9
.280	9.496 461		9.518 950		0.481 050	9.977 511		.720	4 9.2
		23		25			2		5 11.5
281	9.496 484	22	9.518 975	25	0.481 025	9.977 508	3	719	6 13.8
282	9.496 506	23	9.519 000	26	0.481 000	9.977 506	2	718	7 16.1
283	9.496 529	23	9.519 026	25	0.480 974	9.977 503	3	717	8 18.4
		23		26			2		9 20.7
284	9.496 552		9.519 051	25	0.480 949	9.977 501	3	716	
285	9.496 575	23	9.519 077	26	0.480 923	9.977 498	2	715	
286	9.496 598	23	9.519 102	25	0.480 898	9.977 496	3	714	
		23		26			2		
287	9.496 621		9.519 128	25	0.480 872	9.977 493	3	713	
288	9.496 644	23	9.519 153	26	0.480 847	9.977 491	2	712	
289	9.496 667	23	9.519 179	25	0.480 821	9.977 488	3	711	
		23		26			2		22
.290	9.496 690		9.519 204		0.480 796	9.977 486		.710	1 2.2
		23		25			3		2 4.4
291	9.496 713	23	9.519 229	26	0.480 771	9.977 483	2	709	3 6.6
292	9.496 736	23	9.519 255	25	0.480 745	9.977 481	3	708	4 8.8
293	9.496 759	23	9.519 280	26	0.480 720	9.977 478	2	707	5 11.0
		23		25			3		6 13.2
294	9.496 782		9.519 306	25	0.480 694	9.977 476	2	706	7 15.4
295	9.496 805	23	9.519 331	26	0.480 669	9.977 473	3	705	8 17.6
296	9.496 828	23	9.519 357	25	0.480 643	9.977 471	2	704	9 19.8
		22		26			3		
297	9.496 850		9.519 382	25	0.480 618	9.977 468	2	703	
298	9.496 873	23	9.519 407	26	0.480 593	9.977 466	3	702	
299	9.496 896	23	9.519 433	25	0.480 567	9.977 463	2	701	
		23		26			3		
.300	9.496 919		9.519 458		0.480 542	9.977 461		.700	
		23		25			2		
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.750 — 71°.700

18°.300 — 18°.350

18°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.496 919		9.519 458		0.480 542	9.977 461		.700	
301	9.496 942	23	9.519 484	26	0.480 516	9.977 458	3	699	
302	9.496 965	23	9.519 509	25	0.480 491	9.977 456	2	698	
303	9.496 988	23	9.519 535	26	0.480 465	9.977 453	3	697	
		23		25			2		26
304	9.497 011	23	9.519 560	25	0.480 440	9.977 451	2	696	
305	9.497 034	23	9.519 585	25	0.480 415	9.977 448	3	695	1 2.6
306	9.497 057	23	9.519 611	26	0.480 389	9.977 446	2	694	2 5.2
		23		25			3		3 7.8
307	9.497 080	23	9.519 636	25	0.480 364	9.977 443	3	693	4 10.4
308	9.497 103	23	9.519 662	26	0.480 338	9.977 441	2	692	5 13.0
309	9.497 125	22	9.519 687	25	0.480 313	9.977 438	3	691	6 15.6
		23		26			2		7 18.2
.310	9.497 148	23	9.519 713	25	0.480 287	9.977 436	3	.690	8 20.8
		23		25			2		9 23.4
311	9.497 171	23	9.519 738	25	0.480 262	9.977 433	3	689	
312	9.497 194	23	9.519 763	25	0.480 237	9.977 431	2	688	
313	9.497 217	23	9.519 789	26	0.480 211	9.977 428	3	687	
		23		25			2		25
314	9.497 240	23	9.519 814	25	0.480 186	9.977 426	3	686	
315	9.497 263	23	9.519 840	26	0.480 160	9.977 423	2	685	
316	9.497 286	23	9.519 865	25	0.480 135	9.977 421	3	684	
		23		25			2		1 2.5
317	9.497 309	23	9.519 890	26	0.480 110	9.977 418	3	683	2 5.0
318	9.497 332	23	9.519 916	25	0.480 084	9.977 416	2	682	3 7.5
319	9.497 354	22	9.519 941	25	0.480 059	9.977 413	3	681	4 10.0
		23		26			2		5 12.5
.320	9.497 377	23	9.519 967	25	0.480 033	9.977 411	3	.680	6 15.0
		23		25			2		7 17.5
321	9.497 400	23	9.519 992	25	0.480 008	9.977 408	3	679	8 20.0
322	9.497 423	23	9.520 017	26	0.479 983	9.977 406	2	678	9 22.5
323	9.497 446	23	9.520 043	25	0.479 957	9.977 403	3	677	
		23		25			2		
324	9.497 469	23	9.520 068	26	0.479 932	9.977 401	3	676	
325	9.497 492	23	9.520 094	25	0.479 906	9.977 398	2	675	
326	9.497 515	23	9.520 119	25	0.479 881	9.977 396	3	674	
		23		25			2		
327	9.497 538	22	9.520 144	26	0.479 856	9.977 393	3	673	23
328	9.497 560	23	9.520 170	25	0.479 830	9.977 391	2	672	
329	9.497 583	23	9.520 195	25	0.479 805	9.977 388	3	671	
		23		26			2		1 2.3
.330	9.497 606	23	9.520 221	25	0.479 779	9.977 386	3	.670	2 4.6
		23		25			2		3 6.9
331	9.497 629	23	9.520 246	25	0.479 754	9.977 383	3	669	4 9.2
332	9.497 652	23	9.520 271	26	0.479 729	9.977 381	2	668	5 11.5
333	9.497 675	23	9.520 297	25	0.479 703	9.977 378	3	667	6 13.8
		23		25			2		7 16.1
334	9.497 698	23	9.520 322	26	0.479 678	9.977 376	3	666	8 18.4
335	9.497 721	22	9.520 348	25	0.479 652	9.977 373	2	665	9 20.7
336	9.497 743	23	9.520 373	25	0.479 627	9.977 371	3	664	
		23		25			2		
337	9.497 766	23	9.520 398	26	0.479 602	9.977 368	3	663	
338	9.497 789	23	9.520 424	25	0.479 576	9.977 366	2	662	
339	9.497 812	23	9.520 449	25	0.479 551	9.977 363	3	661	
		23		25			3		22
.340	9.497 835	23	9.520 474	26	0.479 526	9.977 360	2	.660	1 2.2
		23		25			3		2 4.4
341	9.497 858	23	9.520 500	25	0.479 500	9.977 358	2	659	3 6.6
342	9.497 881	23	9.520 525	26	0.479 475	9.977 355	3	658	4 8.8
343	9.497 904	22	9.520 551	25	0.479 449	9.977 353	2	657	5 11.0
		23		25			3		6 13.2
344	9.497 926	23	9.520 576	25	0.479 424	9.977 350	2	656	7 15.4
345	9.497 949	23	9.520 601	26	0.479 399	9.977 348	3	655	8 17.6
346	9.497 972	23	9.520 627	25	0.479 373	9.977 345	2	654	9 19.8
		23		25			3		
347	9.497 995	23	9.520 652	25	0.479 348	9.977 343	2	653	
348	9.498 018	23	9.520 677	26	0.479 323	9.977 340	3	652	
349	9.498 041	23	9.520 703	25	0.479 297	9.977 338	2	651	
		23		25			3		
.350	9.498 064	23	9.520 728	25	0.479 272	9.977 335	3	.650	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.700 — 71°.650

$18^{\circ}.350 - 18^{\circ}.400$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.498 064		9.520 728		0.479 272	9.977 335		.650	
351	9.498 086	22	9.520 754	26	0.479 246	9.977 333	2	649	
352	9.498 109	23	9.520 779	25	0.479 221	9.977 330	3	648	
353	9.498 132	23	9.520 804	25	0.479 196	9.977 328	2	647	
		23		26			3		26
354	9.498 155	23	9.520 830	25	0.479 170	9.977 325	2	646	1 2.6
355	9.498 178	23	9.520 855	25	0.479 145	9.977 323	3	645	2 5.2
356	9.498 201	23	9.520 880	25	0.479 120	9.977 320	3	644	3 7.8
		22		26			2		4 10.4
357	9.498 223	23	9.520 906	25	0.479 094	9.977 318	3	643	5 13.0
358	9.498 246	23	9.520 931	25	0.479 069	9.977 315	2	642	6 15.6
359	9.498 269	23	9.520 956	25	0.479 044	9.977 313	3	641	7 18.2
		23		26			2		8 20.8
.360	9.498 292	23	9.520 982	25	0.479 018	9.977 310	2	.640	9 23.4
361	9.498 315	23	9.521 007	25	0.478 993	9.977 308	3	639	
362	9.498 338	22	9.521 032	26	0.478 968	9.977 305	2	638	
363	9.498 360	23	9.521 058	25	0.478 942	9.977 303	3	637	
		23		25			2		25
364	9.498 383	23	9.521 083	26	0.478 917	9.977 300	3	636	1 2.5
365	9.498 406	23	9.521 109	25	0.478 891	9.977 298	2	635	2 5.0
366	9.498 429	23	9.521 134	25	0.478 866	9.977 295	3	634	3 7.5
		23		25			2		4 10.0
367	9.498 452	23	9.521 159	26	0.478 841	9.977 293	3	633	5 12.5
368	9.498 475	22	9.521 185	25	0.478 815	9.977 290	2	632	6 15.0
369	9.498 497	23	9.521 210	25	0.478 790	9.977 288	3	631	7 17.5
		23		26			2		8 20.0
.370	9.498 520	23	9.521 235	25	0.478 765	9.977 285	2	.630	9 22.5
371	9.498 543	23	9.521 261	25	0.478 739	9.977 283	3	629	
372	9.498 566	23	9.521 286	25	0.478 714	9.977 280	3	628	
373	9.498 589	23	9.521 311	26	0.478 689	9.977 277	2	627	
		22		25			3		
374	9.498 612	23	9.521 337	25	0.478 663	9.977 275	2	626	
375	9.498 634	23	9.521 362	25	0.478 638	9.977 272	3	625	
376	9.498 657	23	9.521 387	26	0.478 613	9.977 270	2	624	
		23		25			3		
377	9.498 680	23	9.521 413	25	0.478 587	9.977 267	2	623	23
378	9.498 703	23	9.521 438	25	0.478 562	9.977 265	3	622	1 2.3
379	9.498 726	22	9.521 463	26	0.478 537	9.977 262	2	621	2 4.6
		23		25			3		3 6.9
.380	9.498 748	23	9.521 489	25	0.478 511	9.977 260	2	.620	4 9.2
381	9.498 771	23	9.521 514	25	0.478 486	9.977 257	3	619	5 11.5
382	9.498 794	23	9.521 539	26	0.478 461	9.977 255	2	618	6 13.8
383	9.498 817	23	9.521 565	25	0.478 435	9.977 252	3	617	7 16.1
		23		25			2		8 18.4
384	9.498 840	23	9.521 590	25	0.478 410	9.977 250	3	616	9 20.7
385	9.498 863	22	9.521 615	26	0.478 385	9.977 247	2	615	
386	9.498 885	23	9.521 641	25	0.478 359	9.977 245	3	614	
		23		25			2		
387	9.498 908	23	9.521 666	25	0.478 334	9.977 242	3	613	
388	9.498 931	23	9.521 691	26	0.478 309	9.977 240	2	612	
389	9.498 954	23	9.521 717	25	0.478 283	9.977 237	3	611	
		22		25			2		22
.390	9.498 977	22	9.521 742	25	0.478 258	9.977 235	3	.610	1 2.2
391	9.498 999	23	9.521 767	26	0.478 233	9.977 232	2	609	2 4.4
392	9.499 022	23	9.521 793	25	0.478 207	9.977 230	3	608	3 6.6
393	9.499 045	23	9.521 818	25	0.478 182	9.977 227	2	607	4 8.8
		23		25			3		5 11.0
394	9.499 068	23	9.521 843	25	0.478 157	9.977 225	2	606	6 13.2
395	9.499 091	23	9.521 868	25	0.478 132	9.977 222	3	605	7 15.4
396	9.499 113	22	9.521 894	26	0.478 106	9.977 220	2	604	8 17.6
		23		25			3		9 19.8
397	9.499 136	23	9.521 919	25	0.478 081	9.977 217	2	603	
398	9.499 159	23	9.521 944	25	0.478 056	9.977 215	3	602	
399	9.499 182	23	9.521 970	26	0.478 030	9.977 212	2	601	
		22		25			3		
.400	9.499 204	22	9.521 995	25	0.478 005	9.977 209	3	.600	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^{\circ}.650 - 71^{\circ}.600$

18°.400 — 18°.450

18°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.499 204		9.521 995		0.478 005	9.977 209		.600	
401	9.499 227	23	9.522 020	25	0.477 980	9.977 207	2	599	
402	9.499 250	23	9.522 046	26	0.477 954	9.977 204	3	598	
403	9.499 273	23	9.522 071	25	0.477 929	9.977 202	2	597	
		23		25			3		26
404	9.499 296	22	9.522 096	26	0.477 904	9.977 199	2	596	1 2.6
405	9.499 318	23	9.522 122	25	0.477 878	9.977 197	3	595	2 5.2
406	9.499 341	23	9.522 147	25	0.477 853	9.977 194	2	594	3 7.8
		23		25			3		4 10.4
407	9.499 364	22	9.522 172	26	0.477 828	9.977 192	2	593	5 13.0
408	9.499 387	22	9.522 197	26	0.477 803	9.977 189	3	592	6 15.6
409	9.499 409	23	9.522 223	25	0.477 777	9.977 187	2	591	7 18.2
		23		25			3		8 20.8
.410	9.499 432	23	9.522 248	25	0.477 752	9.977 184	2	.590	9 23.4
		23		25			3		
411	9.499 455	23	9.522 273	26	0.477 727	9.977 182	2	589	
412	9.499 478	23	9.522 299	25	0.477 701	9.977 179	3	588	
413	9.499 501	22	9.522 324	25	0.477 676	9.977 177	2	587	
		23		25			3		25
414	9.499 523	23	9.522 349	25	0.477 651	9.977 174	2	586	1 2.5
415	9.499 546	23	9.522 374	26	0.477 626	9.977 172	3	585	2 5.0
416	9.499 569	23	9.522 400	25	0.477 600	9.977 169	2	584	3 7.5
		23		25			3		4 10.0
417	9.499 592	22	9.522 425	26	0.477 575	9.977 167	2	583	5 12.5
418	9.499 614	23	9.522 450	25	0.477 550	9.977 164	3	582	6 15.0
419	9.499 637	23	9.522 476	25	0.477 524	9.977 162	2	581	7 17.5
		23		25			3		8 20.0
.420	9.499 660	23	9.522 501	25	0.477 499	9.977 159	2	.580	9 22.5
		23		25			3		
421	9.499 683	22	9.522 526	25	0.477 474	9.977 156	2	579	
422	9.499 705	23	9.522 551	26	0.477 449	9.977 154	3	578	
423	9.499 728	23	9.522 577	25	0.477 423	9.977 151	2	577	
		23		25			3		
424	9.499 751	23	9.522 602	25	0.477 398	9.977 149	2	576	
425	9.499 774	22	9.522 627	26	0.477 373	9.977 146	3	575	
426	9.499 796	22	9.522 653	26	0.477 347	9.977 144	2	574	
		23		25			3		23
427	9.499 819	23	9.522 678	25	0.477 322	9.977 141	2	573	1 2.3
428	9.499 842	23	9.522 703	25	0.477 297	9.977 139	3	572	2 4.6
429	9.499 865	22	9.522 728	26	0.477 272	9.977 136	2	571	3 6.9
		22		26			3		4 9.2
.430	9.499 887	23	9.522 754	25	0.477 246	9.977 134	2	.570	5 11.5
		23		25			3		6 13.8
431	9.499 910	23	9.522 779	25	0.477 221	9.977 131	2	569	7 16.1
432	9.499 933	23	9.522 804	26	0.477 196	9.977 129	3	568	8 18.4
433	9.499 956	22	9.522 830	25	0.477 170	9.977 126	2	567	9 20.7
		22		25			3		
434	9.499 978	23	9.522 855	25	0.477 145	9.977 124	2	566	
435	9.500 001	23	9.522 880	25	0.477 120	9.977 121	3	565	
436	9.500 024	23	9.522 905	26	0.477 095	9.977 119	2	564	
		23		26			3		
437	9.500 047	22	9.522 931	25	0.477 069	9.977 116	2	563	
438	9.500 069	23	9.522 956	25	0.477 044	9.977 114	3	562	
439	9.500 092	23	9.522 981	25	0.477 019	9.977 111	2	561	
		23		25			3		22
.440	9.500 115	23	9.523 006	26	0.476 994	9.977 108	2	.560	1 2.2
		22		25			3		2 4.4
441	9.500 138	23	9.523 032	25	0.476 968	9.977 106	2	559	3 6.6
442	9.500 160	23	9.523 057	25	0.476 943	9.977 103	3	558	4 8.8
443	9.500 183	23	9.523 082	25	0.476 918	9.977 101	2	557	5 11.0
		23		25			3		6 13.2
444	9.500 206	22	9.523 107	26	0.476 893	9.977 098	2	556	7 15.4
445	9.500 228	23	9.523 133	25	0.476 867	9.977 096	3	555	8 17.6
446	9.500 251	23	9.523 158	25	0.476 842	9.977 093	2	554	9 19.8
		23		25			3		
447	9.500 274	23	9.523 183	25	0.476 817	9.977 091	2	553	
448	9.500 297	22	9.523 208	26	0.476 792	9.977 088	3	552	
449	9.500 319	22	9.523 234	26	0.476 766	9.977 086	2	551	
		23		25			3		
.450	9.500 342	23	9.523 259	25	0.476 741	9.977 083	2	.550	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.600 — 71°.550

$18^{\circ}.450 - 18^{\circ}.500$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.500 342		9.523 259		0.476 741	9.977 083		.550	
451	9.500 365	23	9.523 284	25	0.476 716	9.977 081	2	549	
452	9.500 388	23	9.523 309	25	0.476 691	9.977 078	3	548	
453	9.500 410	22	9.523 335	26	0.476 665	9.977 076	2	547	
		23		25			3		26
454	9.500 433	23	9.523 360	25	0.476 640	9.977 073	2	546	1 2.6
455	9.500 456	22	9.523 385	25	0.476 615	9.977 071	3	545	2 5.2
456	9.500 478	22	9.523 410	25	0.476 590	9.977 068	2	544	3 7.8
		23		26			3		4 10.4
457	9.500 501	23	9.523 436	25	0.476 564	9.977 066	2	543	5 13.0
458	9.500 524	23	9.523 461	25	0.476 539	9.977 063	3	542	6 15.6
459	9.500 547	22	9.523 486	25	0.476 514	9.977 060	2	541	7 18.2
		23		26			3		8 20.8
.460	9.500 569		9.523 511		0.476 489	9.977 058		.540	9 23.4
461	9.500 592	23	9.523 537	26	0.476 463	9.977 055	3	539	
462	9.500 615	23	9.523 562	25	0.476 438	9.977 053	2	538	
463	9.500 637	22	9.523 587	25	0.476 413	9.977 050	3	537	
		23		25			2		
464	9.500 660	23	9.523 612	25	0.476 388	9.977 048	3	536	
465	9.500 683	23	9.523 637	25	0.476 363	9.977 045	2	535	25
466	9.500 705	22	9.523 663	26	0.476 337	9.977 043	3	534	1 2.5
		23		25			2		2 5.0
467	9.500 728	23	9.523 688	25	0.476 312	9.977 040	3	533	3 7.5
468	9.500 751	23	9.523 713	25	0.476 287	9.977 038	2	532	4 10.0
469	9.500 774	22	9.523 738	25	0.476 262	9.977 035	3	531	5 12.5
		23		26			2		6 15.0
.470	9.500 796		9.523 764		0.476 236	9.977 033		.530	7 17.5
471	9.500 819	23	9.523 789	25	0.476 211	9.977 030	3	529	8 20.0
472	9.500 842	23	9.523 814	25	0.476 186	9.977 028	2	528	9 22.5
473	9.500 864	22	9.523 839	25	0.476 161	9.977 025	3	527	
		23		26			3		
474	9.500 887	23	9.523 865	25	0.476 135	9.977 022	2	526	
475	9.500 910	22	9.523 890	25	0.476 110	9.977 020	3	525	
476	9.500 932	22	9.523 915	25	0.476 085	9.977 017	2	524	
		23		25			3		
477	9.500 955	23	9.523 940	25	0.476 060	9.977 015	2	523	23
478	9.500 978	23	9.523 965	25	0.476 035	9.977 012	3	522	1 2.3
479	9.501 000	22	9.523 991	26	0.476 009	9.977 010	2	521	2 4.6
		23		25			3		3 6.9
.480	9.501 023		9.524 016		0.475 984	9.977 007		.520	4 9.2
481	9.501 046	23	9.524 041	25	0.475 959	9.977 005	2	519	5 11.5
482	9.501 068	22	9.524 066	25	0.475 934	9.977 002	3	518	6 13.8
483	9.501 091	23	9.524 091	25	0.475 909	9.977 000	2	517	7 16.1
		23		26			3		8 18.4
484	9.501 114	22	9.524 117	25	0.475 883	9.976 997	2	516	9 20.7
485	9.501 136	23	9.524 142	25	0.475 858	9.976 995	3	515	
486	9.501 159	23	9.524 167	25	0.475 833	9.976 992	2	514	
		23		25			3		
487	9.501 182	23	9.524 192	25	0.475 808	9.976 990	2	513	
488	9.501 205	22	9.524 217	25	0.475 783	9.976 987	3	512	
489	9.501 227	22	9.524 243	26	0.475 757	9.976 984	2	511	22
		23		25			3		
.490	9.501 250		9.524 268		0.475 732	9.976 982		.510	1 2.2
491	9.501 273	23	9.524 293	25	0.475 707	9.976 979	3	509	2 4.4
492	9.501 295	22	9.524 318	25	0.475 682	9.976 977	2	508	3 6.6
493	9.501 318	23	9.524 344	26	0.475 656	9.976 974	3	507	4 8.8
		22		25			2		5 11.0
494	9.501 340	23	9.524 369	25	0.475 631	9.976 972	3	506	6 13.2
495	9.501 363	23	9.524 394	25	0.475 606	9.976 969	2	505	7 15.4
496	9.501 386	22	9.524 419	25	0.475 581	9.976 967	3	504	8 17.6
		23		25			2		9 19.8
497	9.501 408	22	9.524 444	25	0.475 556	9.976 964	3	503	
498	9.501 431	23	9.524 469	25	0.475 531	9.976 962	2	502	
499	9.501 454	23	9.524 495	26	0.475 505	9.976 959	3	501	
		22		25			2		
.500	9.501 476		9.524 520		0.475 480	9.976 957		.500	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^{\circ}.550 - 71^{\circ}.500$

18°.500 — 18°.550

18°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.501 476		9.524 520		0.475 480	9.976 957		.500	
501	9.501 499	23	9.524 545	25	0.475 455	9.976 954	3	499	
502	9.501 522	23	9.524 570	25	0.475 430	9.976 952	2	498	
503	9.501 544	22	9.524 595	25	0.475 405	9.976 949	3	497	
		23		26			3		26
504	9.501 567	23	9.524 621	25	0.475 379	9.976 946	2	496	1 2.6
505	9.501 590	22	9.524 646	25	0.475 354	9.976 944	3	495	2 5.2
506	9.501 612	23	9.524 671	25	0.475 329	9.976 941	2	494	3 7.8
		23		25			3		4 10.4
507	9.501 635	23	9.524 696	25	0.475 304	9.976 939	2	493	5 13.0
508	9.501 658	22	9.524 721	26	0.475 279	9.976 936	3	492	6 15.6
509	9.501 680	23	9.524 747	25	0.475 253	9.976 934	2	491	7 18.2
		23		25			3		8 20.8
.510	9.501 703	23	9.524 772	25	0.475 228	9.976 931	2	.490	9 23.4
511	9.501 726	22	9.524 797	25	0.475 203	9.976 929	3	489	
512	9.501 748	23	9.524 822	25	0.475 178	9.976 926	2	488	
513	9.501 771	22	9.524 847	25	0.475 153	9.976 924	3	487	
		23		25			2		25
514	9.501 793	23	9.524 872	26	0.475 128	9.976 921	3	486	1 2.5
515	9.501 816	23	9.524 898	25	0.475 102	9.976 919	2	485	2 5.0
516	9.501 839	22	9.524 923	25	0.475 077	9.976 916	3	484	3 7.5
		22		25			2		4 10.0
517	9.501 861	23	9.524 948	25	0.475 052	9.976 913	3	483	5 12.5
518	9.501 884	23	9.524 973	25	0.475 027	9.976 911	2	482	6 15.0
519	9.501 907	22	9.524 998	25	0.475 002	9.976 908	3	481	7 17.5
		23		26			2		8 20.0
.520	9.501 929	23	9.525 023	26	0.474 977	9.976 906	3	.480	9 22.5
521	9.501 952	23	9.525 049	25	0.474 951	9.976 903	2	479	
522	9.501 975	22	9.525 074	25	0.474 926	9.976 901	3	478	
523	9.501 997	23	9.525 099	25	0.474 901	9.976 898	2	477	
		23		25			3		
524	9.502 020	22	9.525 124	25	0.474 876	9.976 896	2	476	
525	9.502 042	23	9.525 149	25	0.474 851	9.976 893	3	475	
526	9.502 065	23	9.525 174	26	0.474 826	9.976 891	2	474	
		23		25			3		23
527	9.502 088	22	9.525 200	25	0.474 800	9.976 888	2	473	1 2.3
528	9.502 110	23	9.525 225	25	0.474 775	9.976 886	3	472	2 4.6
529	9.502 133	22	9.525 250	25	0.474 750	9.976 883	2	471	3 6.9
		22		25			3		4 9.2
.530	9.502 155	23	9.525 275	25	0.474 725	9.976 880	2	.470	5 11.5
531	9.502 178	23	9.525 300	25	0.474 700	9.976 878	3	469	6 13.8
532	9.502 201	22	9.525 325	25	0.474 675	9.976 875	2	468	7 16.1
533	9.502 223	23	9.525 350	26	0.474 650	9.976 873	3	467	8 18.4
		23		25			2		9 20.7
534	9.502 246	23	9.525 376	25	0.474 624	9.976 870	3	466	
535	9.502 269	22	9.525 401	25	0.474 599	9.976 868	2	465	
536	9.502 291	23	9.525 426	25	0.474 574	9.976 865	3	464	
		23		25			2		
537	9.502 314	22	9.525 451	25	0.474 549	9.976 863	3	463	
538	9.502 336	23	9.525 476	25	0.474 524	9.976 860	2	462	
539	9.502 359	23	9.525 501	26	0.474 499	9.976 858	3	461	
		22		25			2		22
.540	9.502 382	23	9.525 527	25	0.474 473	9.976 855	3	.460	1 2.2
541	9.502 404	23	9.525 552	25	0.474 448	9.976 852	2	459	2 4.4
542	9.502 427	22	9.525 577	25	0.474 423	9.976 850	3	458	3 6.6
543	9.502 449	23	9.525 602	25	0.474 398	9.976 847	2	457	4 8.8
		23		25			3		5 11.0
544	9.502 472	23	9.525 627	25	0.474 373	9.976 845	2	456	6 13.2
545	9.502 495	22	9.525 652	25	0.474 348	9.976 842	3	455	7 15.4
546	9.502 517	23	9.525 677	26	0.474 323	9.976 840	2	454	8 17.6
		23		25			3		9 19.8
547	9.502 540	22	9.525 703	25	0.474 297	9.976 837	2	453	
548	9.502 562	23	9.525 728	25	0.474 272	9.976 835	3	452	
549	9.502 585	22	9.525 753	25	0.474 247	9.976 832	2	451	
		23		26			3		
.550	9.502 607	22	9.525 778	25	0.474 222	9.976 830	2	.450	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.500 — 71°.450

18°.550 — 18°.600

18°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.502 607		9.525 778		0.474 222	9.976 830		.450	
551	9.502 630	23	9.525 803	25	0.474 197	9.976 827	3	449	
552	9.502 653	23	9.525 828	25	0.474 172	9.976 825	2	448	
553	9.502 675	22	9.525 853	25	0.474 147	9.976 822	3	447	
		23		25			3		26
554	9.502 698	23	9.525 878	25	0.474 122	9.976 819	3	446	
555	9.502 720	22	9.525 904	26	0.474 096	9.976 817	2	445	1 2.6
556	9.502 743	23	9.525 929	25	0.474 071	9.976 814	3	444	2 5.2
		23		25			2		3 7.8
557	9.502 766	23	9.525 954	25	0.474 046	9.976 812	2	443	4 10.4
558	9.502 788	22	9.525 979	25	0.474 021	9.976 809	3	442	5 13.0
559	9.502 811	23	9.526 004	25	0.473 996	9.976 807	2	441	6 15.6
		22		25			3		7 18.2
.560	9.502 833	23	9.526 029	25	0.473 971	9.976 804	2	.440	8 20.8
		23		25			3		9 23.4
561	9.502 856	22	9.526 054	25	0.473 946	9.976 802	3	439	
562	9.502 878	23	9.526 079	26	0.473 921	9.976 799	2	438	
563	9.502 901	23	9.526 105	25	0.473 895	9.976 797	3	437	
		23		25			3		25
564	9.502 924	22	9.526 130	25	0.473 870	9.976 794	3	436	
565	9.502 946	23	9.526 155	25	0.473 845	9.976 791	2	435	
566	9.502 969	22	9.526 180	25	0.473 820	9.976 789	3	434	
		22		25			2		1 2.5
567	9.502 991	23	9.526 205	25	0.473 795	9.976 786	3	433	2 5.0
568	9.503 014	22	9.526 230	25	0.473 770	9.976 784	2	432	3 7.5
569	9.503 036	23	9.526 255	25	0.473 745	9.976 781	3	431	4 10.0
		23		25			2		5 12.5
.570	9.503 059	23	9.526 280	25	0.473 720	9.976 779	3	.430	6 15.0
		23		25			2		7 17.5
571	9.503 082	22	9.526 305	26	0.473 695	9.976 776	3	429	8 20.0
572	9.503 104	23	9.526 331	25	0.473 669	9.976 774	2	428	9 22.5
573	9.503 127	22	9.526 356	25	0.473 644	9.976 771	3	427	
		22		25			2		
574	9.503 149	23	9.526 381	25	0.473 619	9.976 769	3	426	
575	9.503 172	22	9.526 406	25	0.473 594	9.976 766	2	425	
576	9.503 194	23	9.526 431	25	0.473 569	9.976 763	3	424	
		23		25			2		
577	9.503 217	22	9.526 456	25	0.473 544	9.976 761	3	423	23
578	9.503 239	23	9.526 481	25	0.473 519	9.976 758	2	422	
579	9.503 262	23	9.526 506	25	0.473 494	9.976 756	3	421	
		23		25			2		1 2.3
.580	9.503 285	22	9.526 531	25	0.473 469	9.976 753	3	.420	2 4.6
		22		25			2		3 6.9
581	9.503 307	23	9.526 556	26	0.473 444	9.976 751	3	419	4 9.2
582	9.503 330	22	9.526 582	25	0.473 418	9.976 748	2	418	5 11.5
583	9.503 352	23	9.526 607	25	0.473 393	9.976 746	3	417	6 13.8
		23		25			2		7 16.1
584	9.503 375	22	9.526 632	25	0.473 368	9.976 743	3	416	8 18.4
585	9.503 397	23	9.526 657	25	0.473 343	9.976 740	2	415	9 20.7
586	9.503 420	22	9.526 682	25	0.473 318	9.976 738	3	414	
		22		25			2		
587	9.503 442	23	9.526 707	25	0.473 293	9.976 735	3	413	
588	9.503 465	22	9.526 732	25	0.473 268	9.976 733	2	412	
589	9.503 487	23	9.526 757	25	0.473 243	9.976 730	3	411	
		23		25			2		22
.590	9.503 510	23	9.526 782	25	0.473 218	9.976 728	3	.410	1 2.2
		23		25			2		2 4.4
591	9.503 533	22	9.526 807	25	0.473 193	9.976 725	3	409	3 6.6
592	9.503 555	23	9.526 832	26	0.473 168	9.976 723	2	408	4 8.8
593	9.503 578	22	9.526 858	25	0.473 142	9.976 720	3	407	5 11.0
		22		25			2		6 13.2
594	9.503 600	23	9.526 883	25	0.473 117	9.976 718	3	406	7 15.4
595	9.503 623	22	9.526 908	25	0.473 092	9.976 715	2	405	8 17.6
596	9.503 645	23	9.526 933	25	0.473 067	9.976 712	3	404	9 19.8
		23		25			2		
597	9.503 668	22	9.526 958	25	0.473 042	9.976 710	3	403	
598	9.503 690	23	9.526 983	25	0.473 017	9.976 707	2	402	
599	9.503 713	22	9.527 008	25	0.472 992	9.976 705	3	401	
		22		25			2		
.600	9.503 735	23	9.527 033	25	0.472 967	9.976 702	3	.400	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.450 — 71°.400

18°.600 — 18°.650

18°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.503 735		9.527 033		0.472 967	9.976 702		.400	
601	9.503 758	23	9.527 058	25	0.472 942	9.976 700	2	399	
602	9.503 780	22	9.527 083	25	0.472 917	9.976 697	3	398	
603	9.503 803	23	9.527 108	25	0.472 892	9.976 695	2	397	
		22		25			3		26
604	9.503 825		9.527 133	25	0.472 867	9.976 692	3	396	
605	9.503 848	23	9.527 158	25	0.472 842	9.976 689	3	395	1 2.6
606	9.503 870	22	9.527 183	25	0.472 817	9.976 687	2	394	2 5.2
		23		26			3		3 7.8
607	9.503 893		9.527 209	25	0.472 791	9.976 684	3	393	4 10.4
608	9.503 915	22	9.527 234	25	0.472 766	9.976 682	2	392	5 13.0
609	9.503 938	23	9.527 259	25	0.472 741	9.976 679	3	391	6 15.6
		22		25			2		7 18.2
.610	9.503 960		9.527 284		0.472 716	9.976 677		.390	8 20.8
		23		25			3		9 23.4
611	9.503 983	22	9.527 309	25	0.472 691	9.976 674	2	389	
612	9.504 005	23	9.527 334	25	0.472 666	9.976 672	3	388	
613	9.504 028	22	9.527 359	25	0.472 641	9.976 669	2	387	
		23		25			3		25
614	9.504 050		9.527 384	25	0.472 616	9.976 667	2	386	
615	9.504 073	23	9.527 409	25	0.472 591	9.976 664	3	385	
616	9.504 095	22	9.527 434	25	0.472 566	9.976 661	3	384	
		23		25			2		1 2.5
617	9.504 118		9.527 459	25	0.472 541	9.976 659	3	383	2 5.0
618	9.504 140	22	9.527 484	25	0.472 516	9.976 656	2	382	3 7.5
619	9.504 163	23	9.527 509	25	0.472 491	9.976 654	3	381	4 10.0
		22		25			2		5 12.5
.620	9.504 185		9.527 534		0.472 466	9.976 651		.380	6 15.0
		23		25			3		7 17.5
621	9.504 208	22	9.527 559	25	0.472 441	9.976 649	2	379	8 20.0
622	9.504 230	23	9.527 584	25	0.472 416	9.976 646	3	378	9 22.5
623	9.504 253	22	9.527 609	25	0.472 391	9.976 644	2	377	
		23		25			3		
624	9.504 275		9.527 634	26	0.472 366	9.976 641	3	376	
625	9.504 298	23	9.527 660	25	0.472 340	9.976 638	2	375	
626	9.504 320	22	9.527 685	25	0.472 315	9.976 636	3	374	
		23		25			2		
627	9.504 343		9.527 710	25	0.472 290	9.976 633	3	373	23
628	9.504 365	22	9.527 735	25	0.472 265	9.976 631	2	372	
629	9.504 388	23	9.527 760	25	0.472 240	9.976 628	3	371	
		22		25			2		1 2.3
.630	9.504 410		9.527 785		0.472 215	9.976 626		.370	2 4.6
		23		25			3		3 6.9
631	9.504 433	22	9.527 810	25	0.472 190	9.976 623	2	369	4 9.2
632	9.504 455	23	9.527 835	25	0.472 165	9.976 621	3	368	5 11.5
633	9.504 478	22	9.527 860	25	0.472 140	9.976 618	2	367	6 13.8
		23		25			3		7 16.1
634	9.504 500		9.527 885	25	0.472 115	9.976 615	2	366	8 18.4
635	9.504 523	23	9.527 910	25	0.472 090	9.976 613	3	365	9 20.7
636	9.504 545	22	9.527 935	25	0.472 065	9.976 610	2	364	
		23		25			3		
637	9.504 568		9.527 960	25	0.472 040	9.976 608	2	363	
638	9.504 590	22	9.527 985	25	0.472 015	9.976 605	3	362	
639	9.504 613	23	9.528 010	25	0.471 990	9.976 603	2	361	
		22		25			3		22
.640	9.504 635		9.528 035		0.471 965	9.976 600		.360	
		23		25			2		1 2.2
641	9.504 658	22	9.528 060	25	0.471 940	9.976 598	3	359	2 4.4
642	9.504 680	23	9.528 085	25	0.471 915	9.976 595	2	358	3 6.6
643	9.504 703	22	9.528 110	25	0.471 890	9.976 592	3	357	4 8.8
		23		25			2		5 11.0
644	9.504 725		9.528 135	25	0.471 865	9.976 590	3	356	6 13.2
645	9.504 748	23	9.528 160	25	0.471 840	9.976 587	2	355	7 15.4
646	9.504 770	22	9.528 185	25	0.471 815	9.976 585	3	354	8 17.6
		23		25			2		9 19.8
647	9.504 792		9.528 210	25	0.471 790	9.976 582	3	353	
648	9.504 815	23	9.528 235	25	0.471 765	9.976 580	2	352	
649	9.504 837	22	9.528 260	25	0.471 740	9.976 577	3	351	
		23		25			2		
.650	9.504 860		9.528 285		0.471 715	9.976 574		.350	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.400 — 71°.350

18°.650 — 18°.700

18°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.504 860		9.528 285		0.471 715	9.976 574		.350	
651	9.504 882	22	9.528 310	25	0.471 690	9.976 572	2	349	
652	9.504 905	23	9.528 335	25	0.471 665	9.976 569	3	348	
653	9.504 927	22	9.528 360	25	0.471 640	9.976 567	2	347	
		23		25			3		
654	9.504 950	22	9.528 385	25	0.471 615	9.976 564	2	346	
655	9.504 972	23	9.528 410	25	0.471 590	9.976 562	3	345	
656	9.504 995	22	9.528 435	25	0.471 565	9.976 559	2	344	
		22		25			3		
657	9.505 017	22	9.528 460	25	0.471 540	9.976 557	2	343	
658	9.505 039	23	9.528 485	25	0.471 515	9.976 554	3	342	
659	9.505 062	23	9.528 510	25	0.471 490	9.976 551	3	341	
		22		25			2		
.660	9.505 084		9.528 535		0.471 465	9.976 549		.340	
		23		25			3		
661	9.505 107	22	9.528 560	25	0.471 440	9.976 546	2	339	
662	9.505 129	23	9.528 585	25	0.471 415	9.976 544	3	338	
663	9.505 152	22	9.528 610	25	0.471 390	9.976 541	2	337	
		22		25			3		
664	9.505 174	23	9.528 635	25	0.471 365	9.976 539	2	336	
665	9.505 197	22	9.528 660	25	0.471 340	9.976 536	3	335	
666	9.505 219	22	9.528 685	25	0.471 315	9.976 534	2	334	
		22		25			3		
667	9.505 241	23	9.528 710	25	0.471 290	9.976 531	2	333	
668	9.505 264	22	9.528 735	25	0.471 265	9.976 528	3	332	
669	9.505 286	22	9.528 760	25	0.471 240	9.976 526	2	331	
		23		25			3		
.670	9.505 309		9.528 785		0.471 215	9.976 523		.330	
		22		25			2		
671	9.505 331	23	9.528 810	25	0.471 190	9.976 521	3	329	
672	9.505 354	22	9.528 835	25	0.471 165	9.976 518	2	328	
673	9.505 376	22	9.528 860	25	0.471 140	9.976 516	3	327	
		22		25			2		
674	9.505 398	23	9.528 885	25	0.471 115	9.976 513	3	326	
675	9.505 421	22	9.528 910	25	0.471 090	9.976 510	2	325	
676	9.505 443	22	9.528 935	25	0.471 065	9.976 508	3	324	
		23		25			2		
677	9.505 466	22	9.528 960	25	0.471 040	9.976 505	3	323	
678	9.505 488	22	9.528 985	25	0.471 015	9.976 503	2	322	
679	9.505 511	23	9.529 010	25	0.470 990	9.976 500	3	321	
		22		25			2		
.680	9.505 533		9.529 035		0.470 965	9.976 498		.320	
		22		25			3		
681	9.505 555	23	9.529 060	25	0.470 940	9.976 495	2	319	
682	9.505 578	22	9.529 085	25	0.470 915	9.976 493	3	318	
683	9.505 600	23	9.529 110	25	0.470 890	9.976 490	2	317	
		22		25			3		
684	9.505 623	22	9.529 135	25	0.470 865	9.976 487	2	316	
685	9.505 645	22	9.529 160	25	0.470 840	9.976 485	3	315	
686	9.505 667	22	9.529 185	25	0.470 815	9.976 482	2	314	
		23		25			3		
687	9.505 690	22	9.529 210	25	0.470 790	9.976 480	2	313	
688	9.505 712	23	9.529 235	25	0.470 765	9.976 477	3	312	
689	9.505 735	22	9.529 260	25	0.470 740	9.976 475	2	311	
		22		25			3		
.690	9.505 757		9.529 285		0.470 715	9.976 472		.310	
		23		25			3		
691	9.505 780	22	9.529 310	25	0.470 690	9.976 469	2	309	
692	9.505 802	22	9.529 335	25	0.470 665	9.976 467	3	308	
693	9.505 824	23	9.529 360	25	0.470 640	9.976 464	2	307	
		22		25			3		
694	9.505 847	22	9.529 385	25	0.470 615	9.976 462	2	306	
695	9.505 869	23	9.529 410	25	0.470 590	9.976 459	3	305	
696	9.505 892	22	9.529 435	25	0.470 565	9.976 457	2	304	
		22		25			3		
697	9.505 914	22	9.529 460	25	0.470 540	9.976 454	2	303	
698	9.505 936	23	9.529 485	25	0.470 515	9.976 452	3	302	
699	9.505 959	22	9.529 510	25	0.470 490	9.976 449	2	301	
		22		25			3		
.700	9.505 981		9.529 535		0.470 465	9.976 446		.300	
		22		25			3		
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.350 — 71°.300

18°.700 — 18°.750

18°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.505 981		9.529 535		0.470 465	9.976 446		.300	
701	9.506 004	23	9.529 560	25	0.470 440	9.976 444	2	299	
702	9.506 026	22	9.529 585	25	0.470 415	9.976 441	3	298	
703	9.506 048	22	9.529 610	25	0.470 390	9.976 439	2	297	
704	9.506 071	23	9.529 635	25	0.470 365	9.976 436	3	296	25
705	9.506 093	22	9.529 659	24	0.470 341	9.976 434	2	295	1 2.5
706	9.506 115	22	9.529 684	25	0.470 316	9.976 431	3	294	2 5.0
707	9.506 138	23	9.529 709	25	0.470 291	9.976 428	3	293	3 7.5
708	9.506 160	22	9.529 734	25	0.470 266	9.976 426	2	292	4 10.0
709	9.506 183	23	9.529 759	25	0.470 241	9.976 423	3	291	5 12.5
.710	9.506 205	22	9.529 784	25	0.470 216	9.976 421	2	.290	6 15.0
711	9.506 227	22	9.529 809	25	0.470 191	9.976 418	3	289	7 17.5
712	9.506 250	23	9.529 834	25	0.470 166	9.976 416	2	288	8 20.0
713	9.506 272	22	9.529 859	25	0.470 141	9.976 413	3	287	9 22.5
714	9.506 295	23	9.529 884	25	0.470 116	9.976 410	3	286	
715	9.506 317	22	9.529 909	25	0.470 091	9.976 408	2	285	
716	9.506 339	22	9.529 934	25	0.470 066	9.976 405	3	284	24
717	9.506 362	23	9.529 959	25	0.470 041	9.976 403	2	283	1 2.4
718	9.506 384	22	9.529 984	25	0.470 016	9.976 400	3	282	2 4.8
719	9.506 406	22	9.530 009	25	0.469 991	9.976 398	2	281	3 7.2
.720	9.506 429	23	9.530 034	25	0.469 966	9.976 395	3	.280	4 9.6
721	9.506 451	22	9.530 059	25	0.469 941	9.976 392	3	279	5 12.0
722	9.506 473	22	9.530 084	25	0.469 916	9.976 390	2	278	6 14.4
723	9.506 496	23	9.530 108	24	0.469 892	9.976 387	3	277	7 16.8
724	9.506 518	22	9.530 133	25	0.469 867	9.976 385	2	276	8 19.2
725	9.506 541	23	9.530 158	25	0.469 842	9.976 382	3	275	9 21.6
726	9.506 563	22	9.530 183	25	0.469 817	9.976 380	2	274	
727	9.506 585	22	9.530 208	25	0.469 792	9.976 377	3	273	
728	9.506 608	23	9.530 233	25	0.469 767	9.976 375	2	272	23
729	9.506 630	22	9.530 258	25	0.469 742	9.976 372	3	271	1 2.3
.730	9.506 652	22	9.530 283	25	0.469 717	9.976 369	3	.270	2 4.6
731	9.506 675	23	9.530 308	25	0.469 692	9.976 367	2	269	3 6.9
732	9.506 697	22	9.530 333	25	0.469 667	9.976 364	3	268	4 9.2
733	9.506 719	22	9.530 358	25	0.469 642	9.976 362	2	267	5 11.5
734	9.506 742	23	9.530 383	25	0.469 617	9.976 359	3	266	6 13.8
735	9.506 764	22	9.530 408	25	0.469 592	9.976 357	2	265	7 16.1
736	9.506 786	22	9.530 433	25	0.469 567	9.976 354	3	264	8 18.4
737	9.506 809	23	9.530 457	24	0.469 543	9.976 351	3	263	9 20.7
738	9.506 831	22	9.530 482	25	0.469 518	9.976 349	2	262	
739	9.506 853	22	9.530 507	25	0.469 493	9.976 346	3	261	
.740	9.506 876	23	9.530 532	25	0.469 468	9.976 344	2	.260	22
741	9.506 898	22	9.530 557	25	0.469 443	9.976 341	3	259	1 2.2
742	9.506 921	23	9.530 582	25	0.469 418	9.976 339	2	258	2 4.4
743	9.506 943	22	9.530 607	25	0.469 393	9.976 336	3	257	3 6.6
744	9.506 965	22	9.530 632	25	0.469 368	9.976 333	2	256	4 8.8
745	9.506 988	23	9.530 657	25	0.469 343	9.976 331	3	255	5 11.0
746	9.507 010	22	9.530 682	25	0.469 318	9.976 328	2	254	6 13.2
747	9.507 032	22	9.530 707	25	0.469 293	9.976 326	3	253	7 15.4
748	9.507 055	23	9.530 731	24	0.469 269	9.976 323	2	252	8 17.6
749	9.507 077	22	9.530 756	25	0.469 244	9.976 321	3	251	9 19.8
.750	9.507 099	22	9.530 781	25	0.469 219	9.976 318	2	.250	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.300 — 71°.250

18°.750 — 18°.800

18°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.507 099		9.530 781		0.469 219	9.976 318		.250	
751	9.507 122	23	9.530 806	25	0.469 194	9.976 315	3	249	
752	9.507 144	22	9.530 831	25	0.469 169	9.976 313	2	248	
753	9.507 166	22	9.530 856	25	0.469 144	9.976 310	3	247	
		23		25			2		25
754	9.507 189	22	9.530 881	25	0.469 119	9.976 308	3	246	
755	9.507 211	22	9.530 906	25	0.469 094	9.976 305	3	245	1 2.5
756	9.507 233	22	9.530 931	25	0.469 069	9.976 302	3	244	2 5.0
		22		25			2		3 7.5
757	9.507 255	23	9.530 956	24	0.469 044	9.976 300	3	243	4 10.0
758	9.507 278	22	9.530 980	25	0.469 020	9.976 297	2	242	5 12.5
759	9.507 300	22	9.531 005	25	0.468 995	9.976 295	3	241	6 15.0
.760	9.507 322	23	9.531 030	25	0.468 970	9.976 292	2	.240	7 17.5
761	9.507 345	22	9.531 055	25	0.468 945	9.976 290	3	239	8 20.0
762	9.507 367	22	9.531 080	25	0.468 920	9.976 287	3	238	9 22.5
763	9.507 389	23	9.531 105	25	0.468 895	9.976 284	2	237	
764	9.507 412	22	9.531 130	25	0.468 870	9.976 282	3	236	
765	9.507 434	22	9.531 155	25	0.468 845	9.976 279	2	235	24
766	9.507 456	23	9.531 180	24	0.468 820	9.976 277	3	234	
767	9.507 479	22	9.531 204	25	0.468 796	9.976 274	2	233	1 2.4
768	9.507 501	22	9.531 229	25	0.468 771	9.976 272	3	232	2 4.8
769	9.507 523	23	9.531 254	25	0.468 746	9.976 269	2	231	3 7.2
.770	9.507 546	22	9.531 279	25	0.468 721	9.976 266	3	.230	4 9.6
771	9.507 568	22	9.531 304	25	0.468 696	9.976 264	2	229	5 12.0
772	9.507 590	22	9.531 329	25	0.468 671	9.976 261	3	228	6 14.4
773	9.507 612	23	9.531 354	25	0.468 646	9.976 259	2	227	7 16.8
774	9.507 635	22	9.531 379	24	0.468 621	9.976 256	3	226	8 19.2
775	9.507 657	22	9.531 403	25	0.468 597	9.976 254	2	225	9 21.6
776	9.507 679	23	9.531 428	25	0.468 572	9.976 251	3	224	
777	9.507 702	22	9.531 453	25	0.468 547	9.976 248	2	223	23
778	9.507 724	22	9.531 478	25	0.468 522	9.976 246	3	222	
779	9.507 746	23	9.531 503	25	0.468 497	9.976 243	2	221	1 2.3
.780	9.507 769	22	9.531 528	25	0.468 472	9.976 241	3	.220	2 4.6
781	9.507 791	22	9.531 553	25	0.468 447	9.976 238	2	219	3 6.9
782	9.507 813	22	9.531 578	24	0.468 422	9.976 236	3	218	4 9.2
783	9.507 835	23	9.531 602	25	0.468 398	9.976 233	2	217	5 11.5
784	9.507 858	22	9.531 627	25	0.468 373	9.976 230	3	216	6 13.8
785	9.507 880	22	9.531 652	25	0.468 348	9.976 228	2	215	7 16.1
786	9.507 902	23	9.531 677	25	0.468 323	9.976 225	3	214	8 18.4
787	9.507 925	22	9.531 702	25	0.468 298	9.976 223	2	213	9 20.7
788	9.507 947	22	9.531 727	25	0.468 273	9.976 220	3	212	
789	9.507 969	23	9.531 752	24	0.468 248	9.976 217	2	211	22
.790	9.507 991	22	9.531 776	25	0.468 224	9.976 215	3	.210	1 2.2
791	9.508 014	22	9.531 801	25	0.468 199	9.976 212	2	209	2 4.4
792	9.508 036	22	9.531 826	25	0.468 174	9.976 210	3	208	3 6.6
793	9.508 058	22	9.531 851	25	0.468 149	9.976 207	2	207	4 8.8
794	9.508 080	23	9.531 876	25	0.468 124	9.976 205	3	206	5 11.0
795	9.508 103	22	9.531 901	25	0.468 099	9.976 202	2	205	6 13.2
796	9.508 125	22	9.531 926	24	0.468 074	9.976 199	3	204	7 15.4
797	9.508 147	23	9.531 950	25	0.468 050	9.976 197	2	203	8 17.6
798	9.508 170	22	9.531 975	25	0.468 025	9.976 194	3	202	9 19.8
799	9.508 192	22	9.532 000	25	0.468 000	9.976 192	2	201	
.800	9.508 214	23	9.532 025	24	0.467 975	9.976 189	3	.200	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.250 — 71°.200

18°.800 — 18°.850

18°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.508 214		9.532 025		0.467 975	9.976 189		.200	
801	9.508 236	22	9.532 050	25	0.467 950	9.976 187	2	199	
802	9.508 259	23	9.532 075	25	0.467 925	9.976 184	3	198	
803	9.508 281	22	9.532 100	25	0.467 900	9.976 181	3	197	
804	9.508 303	22	9.532 124	24	0.467 876	9.976 179	2	196	25
805	9.508 325	22	9.532 149	25	0.467 851	9.976 176	3	195	1 2.5
806	9.508 348	23	9.532 174	25	0.467 826	9.976 174	2	194	2 5.0
807	9.508 370	22	9.532 199	25	0.467 801	9.976 171	3	193	3 7.5
808	9.508 392	22	9.532 224	25	0.467 776	9.976 168	3	192	4 10.0
809	9.508 414	22	9.532 249	25	0.467 751	9.976 166	2	191	5 12.5
.810	9.508 437	23	9.532 273	24	0.467 727	9.976 163	3	.190	6 15.0
811	9.508 459	22	9.532 298	25	0.467 702	9.976 161	2	189	7 17.5
812	9.508 481	22	9.532 323	25	0.467 677	9.976 158	3	188	8 20.0
813	9.508 503	22	9.532 348	25	0.467 652	9.976 156	2	187	9 22.5
814	9.508 526	23	9.532 373	25	0.467 627	9.976 153	3	186	
815	9.508 548	22	9.532 398	25	0.467 602	9.976 150	3	185	
816	9.508 570	22	9.532 422	24	0.467 578	9.976 148	2	184	24
817	9.508 592	22	9.532 447	25	0.467 553	9.976 145	3	183	1 2.4
818	9.508 615	23	9.532 472	25	0.467 528	9.976 143	2	182	2 4.8
819	9.508 637	22	9.532 497	25	0.467 503	9.976 140	3	181	3 7.2
.820	9.508 659	22	9.532 522	25	0.467 478	9.976 137	3	.180	4 9.6
821	9.508 681	22	9.532 546	24	0.467 454	9.976 135	2	179	5 12.0
822	9.508 704	23	9.532 571	25	0.467 429	9.976 132	3	178	6 14.4
823	9.508 726	22	9.532 596	25	0.467 404	9.976 130	2	177	7 16.8
824	9.508 748	22	9.532 621	25	0.467 379	9.976 127	3	176	8 19.2
825	9.508 770	22	9.532 646	25	0.467 354	9.976 125	2	175	9 21.6
826	9.508 793	23	9.532 671	25	0.467 329	9.976 122	3	174	
827	9.508 815	22	9.532 695	24	0.467 305	9.976 119	3	173	
828	9.508 837	22	9.532 720	25	0.467 280	9.976 117	2	172	23
829	9.508 859	22	9.532 745	25	0.467 255	9.976 114	3	171	1 2.3
.830	9.508 881	22	9.532 770	25	0.467 230	9.976 112	2	.170	2 4.6
831	9.508 904	23	9.532 795	25	0.467 205	9.976 109	3	169	3 6.9
832	9.508 926	22	9.532 819	24	0.467 181	9.976 106	3	168	4 9.2
833	9.508 948	22	9.532 844	25	0.467 156	9.976 104	2	167	5 11.5
834	9.508 970	22	9.532 869	25	0.467 131	9.976 101	3	166	6 13.8
835	9.508 993	23	9.532 894	25	0.467 106	9.976 099	2	165	7 16.1
836	9.509 015	22	9.532 919	25	0.467 081	9.976 096	3	164	8 18.4
837	9.509 037	22	9.532 944	25	0.467 056	9.976 094	2	163	9 20.7
838	9.509 059	22	9.532 968	24	0.467 032	9.976 091	3	162	
839	9.509 081	22	9.532 993	25	0.467 007	9.976 088	3	161	
.840	9.509 104	23	9.533 018	25	0.466 982	9.976 086	2	.160	22
841	9.509 126	22	9.533 043	25	0.466 957	9.976 083	3	159	1 2.2
842	9.509 148	22	9.533 068	25	0.466 932	9.976 081	2	158	2 4.4
843	9.509 170	22	9.533 092	24	0.466 908	9.976 078	3	157	3 6.6
844	9.509 193	23	9.533 117	25	0.466 883	9.976 075	3	156	4 8.8
845	9.509 215	22	9.533 142	25	0.466 858	9.976 073	2	155	5 11.0
846	9.509 237	22	9.533 167	25	0.466 833	9.976 070	3	154	6 13.2
847	9.509 259	22	9.533 192	25	0.466 808	9.976 068	2	153	7 15.4
848	9.509 281	22	9.533 216	24	0.466 784	9.976 065	3	152	8 17.6
849	9.509 304	23	9.533 241	25	0.466 759	9.976 062	3	151	9 19.8
.850	9.509 326	22	9.533 266	25	0.466 734	9.976 060	2	.150	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.200 — 71°.150

$18^{\circ}.850 - 18^{\circ}.900$

18°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.509 326		9.533 266		0.466 734	9.976 060		.150	
851	9.509 348	22	9.533 291	25	0.466 709	9.976 057	3	149	
852	9.509 370	22	9.533 315	24	0.466 685	9.976 055	2	148	
853	9.509 392	22	9.533 340	25	0.466 660	9.976 052	3	147	
		23		25			2		25
854	9.509 415	22	9.533 365	25	0.466 635	9.976 050	3	146	
855	9.509 437	22	9.533 390	25	0.466 610	9.976 047	3	145	1 2.5
856	9.509 459	22	9.533 415	25	0.466 585	9.976 044	3	144	2 5.0
		22		24			2		3 7.5
857	9.509 481	22	9.533 439	25	0.466 561	9.976 042	3	143	4 10.0
858	9.509 503	23	9.533 464	25	0.466 536	9.976 039	2	142	5 12.5
859	9.509 526	22	9.533 489	25	0.466 511	9.976 037	3	141	6 15.0
		22		25			3		7 17.5
.860	9.509 548	22	9.533 514	25	0.466 486	9.976 034	3	.140	8 20.0
		22		25			3		9 22.5
861	9.509 570	22	9.533 539	24	0.466 461	9.976 031	2	139	
862	9.509 592	22	9.533 563	25	0.466 437	9.976 029	3	138	
863	9.509 614	22	9.533 588	25	0.466 412	9.976 026	3	137	
		22		25			2		24
864	9.509 636	23	9.533 613	25	0.466 387	9.976 024	3	136	
865	9.509 659	22	9.533 638	24	0.466 362	9.976 021	3	135	
866	9.509 681	22	9.533 662	25	0.466 338	9.976 018	2	134	1 2.4
		22		25			3		2 4.8
867	9.509 703	22	9.533 687	25	0.466 313	9.976 016	2	133	3 7.2
868	9.509 725	22	9.533 712	25	0.466 288	9.976 013	2	132	4 9.6
869	9.509 747	23	9.533 737	24	0.466 263	9.976 011	3	131	5 12.0
		22		25			2		6 14.4
.870	9.509 770	22	9.533 761	25	0.466 239	9.976 008	3	.130	7 16.8
		22		25			3		8 19.2
871	9.509 792	22	9.533 786	25	0.466 214	9.976 006	3	129	9 21.6
872	9.509 814	22	9.533 811	25	0.466 189	9.976 003	2	128	
873	9.509 836	22	9.533 836	25	0.466 164	9.976 000	2	127	
		22		24			3		
874	9.509 858	22	9.533 861	24	0.466 139	9.975 998	3	126	
875	9.509 880	23	9.533 885	25	0.466 115	9.975 995	2	125	
876	9.509 903	22	9.533 910	25	0.466 090	9.975 993	3	124	
		22		25			3		23
877	9.509 925	22	9.533 935	25	0.466 065	9.975 990	3	123	
878	9.509 947	22	9.533 960	24	0.466 040	9.975 987	2	122	1 2.3
879	9.509 969	22	9.533 984	25	0.466 016	9.975 985	3	121	2 4.6
		22		25			2		3 6.9
.880	9.509 991	22	9.534 009	25	0.465 991	9.975 982	2	.120	4 9.2
		22		25			3		5 11.5
881	9.510 013	23	9.534 034	25	0.465 966	9.975 980	3	119	6 13.8
882	9.510 036	22	9.534 059	24	0.465 941	9.975 977	3	118	7 16.1
883	9.510 058	22	9.534 083	25	0.465 917	9.975 974	2	117	8 18.4
		22		25			3		9 20.7
884	9.510 080	22	9.534 108	25	0.465 892	9.975 972	3	116	
885	9.510 102	22	9.534 133	25	0.465 867	9.975 969	2	115	
886	9.510 124	22	9.534 158	24	0.465 842	9.975 967	3	114	
		22		25			3		
887	9.510 146	23	9.534 182	25	0.465 818	9.975 964	3	113	
888	9.510 169	22	9.534 207	25	0.465 793	9.975 961	2	112	
889	9.510 191	22	9.534 232	25	0.465 768	9.975 959	3	111	22
		22		24			2		
.890	9.510 213	22	9.534 257	25	0.465 743	9.975 956	2	.110	1 2.2
		22		25			3		2 4.4
891	9.510 235	22	9.534 281	25	0.465 719	9.975 954	3	109	3 6.6
892	9.510 257	22	9.534 306	25	0.465 694	9.975 951	3	108	4 8.8
893	9.510 279	22	9.534 331	25	0.465 669	9.975 948	2	107	5 11.0
		22		25			3		6 13.2
894	9.510 301	23	9.534 356	24	0.465 644	9.975 946	3	106	7 15.4
895	9.510 324	22	9.534 380	25	0.465 620	9.975 943	2	105	8 17.6
896	9.510 346	22	9.534 405	25	0.465 595	9.975 941	3	104	9 19.8
		22		25			3		
897	9.510 368	22	9.534 430	25	0.465 570	9.975 938	2	103	
898	9.510 390	22	9.534 455	24	0.465 545	9.975 936	3	102	
899	9.510 412	22	9.534 479	25	0.465 521	9.975 933	3	101	
		22		25			3		
.900	9.510 434	22	9.534 504	25	0.465 496	9.975 930	3	.100	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

$71^{\circ}.150 - 71^{\circ}.100$

18°.900 — 18°.950

18°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.510 434		9.534 504		0.465 496	9.975 930		.100	
901	9.510 456	22	9.534 529	25	0.465 471	9.975 928	2	099	
902	9.510 479	23	9.534 553	24	0.465 447	9.975 925	3	098	
903	9.510 501	22	9.534 578	25	0.465 422	9.975 923	2	097	
904	9.510 523	22	9.534 603	25	0.465 397	9.975 920	3	096	25
905	9.510 545	22	9.534 628	25	0.465 372	9.975 917	3	095	1 2.5
906	9.510 567	22	9.534 652	24	0.465 348	9.975 915	2	094	2 5.0
907	9.510 589	22	9.534 677	25	0.465 323	9.975 912	3	093	3 7.5
908	9.510 611	22	9.534 702	25	0.465 298	9.975 910	2	092	4 10.0
909	9.510 634	23	9.534 727	25	0.465 273	9.975 907	3	091	5 12.5
		22		24			3		6 15.0
.910	9.510 656	22	9.534 751	25	0.465 249	9.975 904	2	.090	7 17.5
911	9.510 678	22	9.534 776	25	0.465 224	9.975 902	3	089	8 20.0
912	9.510 700	22	9.534 801	25	0.465 199	9.975 899	2	088	9 22.5
913	9.510 722	22	9.534 825	24	0.465 175	9.975 897	3	087	
914	9.510 744	22	9.534 850	25	0.465 150	9.975 894	2	086	
915	9.510 766	22	9.534 875	25	0.465 125	9.975 891	3	085	
916	9.510 788	22	9.534 900	25	0.465 100	9.975 889	2	084	24
917	9.510 810	22	9.534 924	24	0.465 076	9.975 886	3	083	1 2.4
918	9.510 833	23	9.534 949	25	0.465 051	9.975 884	2	082	2 4.8
919	9.510 855	22	9.534 974	25	0.465 026	9.975 881	3	081	3 7.2
		22		24			3		4 9.6
.920	9.510 877	22	9.534 998	25	0.465 002	9.975 878	2	.080	5 12.0
921	9.510 899	22	9.535 023	25	0.464 977	9.975 876	3	079	6 14.4
922	9.510 921	22	9.535 048	25	0.464 952	9.975 873	2	078	7 16.8
923	9.510 943	22	9.535 073	25	0.464 927	9.975 871	3	077	8 19.2
924	9.510 965	22	9.535 097	24	0.464 903	9.975 868	2	076	9 21.6
925	9.510 987	22	9.535 122	25	0.464 878	9.975 865	3	075	
926	9.511 009	22	9.535 147	25	0.464 853	9.975 863	2	074	
927	9.511 032	23	9.535 171	24	0.464 829	9.975 860	3	073	
928	9.511 054	22	9.535 196	25	0.464 804	9.975 858	2	072	23
929	9.511 076	22	9.535 221	25	0.464 779	9.975 855	3	071	1 2.3
		22		25			3		2 4.6
.930	9.511 098	22	9.535 246	24	0.464 754	9.975 852	2	.070	3 6.9
931	9.511 120	22	9.535 270	25	0.464 730	9.975 850	3	069	4 9.2
932	9.511 142	22	9.535 295	25	0.464 705	9.975 847	2	068	5 11.5
933	9.511 164	22	9.535 320	25	0.464 680	9.975 845	3	067	6 13.8
934	9.511 186	22	9.535 344	24	0.464 656	9.975 842	2	066	7 16.1
935	9.511 208	22	9.535 369	25	0.464 631	9.975 839	3	065	8 18.4
936	9.511 230	22	9.535 394	25	0.464 606	9.975 837	2	064	9 20.7
937	9.511 253	23	9.535 418	24	0.464 582	9.975 834	3	063	
938	9.511 275	22	9.535 443	25	0.464 557	9.975 832	2	062	
939	9.511 297	22	9.535 468	25	0.464 532	9.975 829	3	061	
		22		24			3		22
.940	9.511 319	22	9.535 492	25	0.464 508	9.975 826	2	.060	1 2.2
941	9.511 341	22	9.535 517	25	0.464 483	9.975 824	3	059	2 4.4
942	9.511 363	22	9.535 542	25	0.464 458	9.975 821	2	058	3 6.6
943	9.511 385	22	9.535 567	25	0.464 433	9.975 819	3	057	4 8.8
944	9.511 407	22	9.535 591	24	0.464 409	9.975 816	2	056	5 11.0
945	9.511 429	22	9.535 616	25	0.464 384	9.975 813	3	055	6 13.2
946	9.511 451	22	9.535 641	25	0.464 359	9.975 811	2	054	7 15.4
947	9.511 473	22	9.535 665	24	0.464 335	9.975 808	3	053	8 17.6
948	9.511 496	23	9.535 690	25	0.464 310	9.975 806	2	052	9 19.8
949	9.511 518	22	9.535 715	25	0.464 285	9.975 803	3	051	
		22		24			3		
.950	9.511 540	22	9.535 739	24	0.464 261	9.975 800	2	.050	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

71°.100 — 71°.050

18°.950 — 19°.000

18°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.511 540		9.535 739		0.464 261	9.975 800		.050	
951	9.511 562	22	9.535 764	25	0.464 236	9.975 798	2	049	
952	9.511 584	22	9.535 789	25	0.464 211	9.975 795	3	048	
953	9.511 606	22	9.535 813	24	0.464 187	9.975 793	2	047	
954	9.511 628	22	9.535 838	25	0.464 162	9.975 790	3	046	25
955	9.511 650	22	9.535 863	25	0.464 137	9.975 787	3	045	1 2.5
956	9.511 672	22	9.535 887	24	0.464 113	9.975 785	2	044	2 5.0
957	9.511 694	22	9.535 912	25	0.464 088	9.975 782	3	043	3 7.5
958	9.511 716	22	9.535 937	25	0.464 063	9.975 780	2	042	4 10.0
959	9.511 738	22	9.535 961	24	0.464 039	9.975 777	3	041	5 12.5
.960	9.511 760	22	9.535 986	25	0.464 014	9.975 774	3	.040	6 15.0
961	9.511 782	22	9.536 011	25	0.463 989	9.975 772	2	039	7 17.5
962	9.511 805	23	9.536 035	24	0.463 965	9.975 769	3	038	8 20.0
963	9.511 827	22	9.536 060	25	0.463 940	9.975 767	2	037	9 22.5
964	9.511 849	22	9.536 085	25	0.463 915	9.975 764	3	036	
965	9.511 871	22	9.536 109	24	0.463 891	9.975 761	3	035	
966	9.511 893	22	9.536 134	25	0.463 866	9.975 759	2	034	24
967	9.511 915	22	9.536 159	25	0.463 841	9.975 756	3	033	1 2.4
968	9.511 937	22	9.536 183	24	0.463 817	9.975 754	2	032	2 4.8
969	9.511 959	22	9.536 208	25	0.463 792	9.975 751	3	031	3 7.2
.970	9.511 981	22	9.536 233	25	0.463 767	9.975 748	3	.030	4 9.6
971	9.512 003	22	9.536 257	24	0.463 743	9.975 746	2	029	5 12.0
972	9.512 025	22	9.536 282	25	0.463 718	9.975 743	3	028	6 14.4
973	9.512 047	22	9.536 307	25	0.463 693	9.975 740	3	027	7 16.8
974	9.512 069	22	9.536 331	24	0.463 669	9.975 738	2	026	8 19.2
975	9.512 091	22	9.536 356	25	0.463 644	9.975 735	3	025	9 21.6
976	9.512 113	22	9.536 381	25	0.463 619	9.975 733	2	024	
977	9.512 135	22	9.536 405	24	0.463 595	9.975 730	3	023	
978	9.512 157	22	9.536 430	25	0.463 570	9.975 727	3	022	23
979	9.512 179	22	9.536 455	25	0.463 545	9.975 725	2	021	1 2.3
.980	9.512 201	22	9.536 479	24	0.463 521	9.975 722	3	.020	2 4.6
981	9.512 223	22	9.536 504	25	0.463 496	9.975 720	2	019	3 6.9
982	9.512 245	22	9.536 528	24	0.463 472	9.975 717	3	018	4 9.2
983	9.512 268	23	9.536 553	25	0.463 447	9.975 714	3	017	5 11.5
984	9.512 290	22	9.536 578	25	0.463 422	9.975 712	2	016	6 13.8
985	9.512 312	22	9.536 602	24	0.463 398	9.975 709	3	015	7 16.1
986	9.512 334	22	9.536 627	25	0.463 373	9.975 707	2	014	8 18.4
987	9.512 356	22	9.536 652	25	0.463 348	9.975 704	3	013	9 20.7
988	9.512 378	22	9.536 676	24	0.463 324	9.975 701	3	012	
989	9.512 400	22	9.536 701	25	0.463 299	9.975 699	2	011	
.990	9.512 422	22	9.536 726	24	0.463 274	9.975 696	3	.010	22
991	9.512 444	22	9.536 750	25	0.463 250	9.975 694	2	009	1 2.2
992	9.512 466	22	9.536 775	25	0.463 225	9.975 691	3	008	2 4.4
993	9.512 488	22	9.536 799	24	0.463 201	9.975 688	3	007	3 6.6
994	9.512 510	22	9.536 824	25	0.463 176	9.975 686	2	006	4 8.8
995	9.512 532	22	9.536 849	25	0.463 151	9.975 683	3	005	5 11.0
996	9.512 554	22	9.536 873	24	0.463 127	9.975 681	2	004	6 13.2
997	9.512 576	22	9.536 898	25	0.463 102	9.975 678	3	003	7 15.4
998	9.512 598	22	9.536 923	25	0.463 077	9.975 675	3	002	8 17.6
999	9.512 620	22	9.536 947	24	0.463 053	9.975 673	2	001	9 19.8
*.000	9.512 642	22	9.536 972	25	0.463 028	9.975 670	3	.000	
	cos	d	cotg	d	tang	sin	d	71°	P.P.

19°.000 — 19°.050

19°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.512 642		9.536 972		0.463 028	9.975 670		*.000	
001	9.512 664	22	9.536 996	24	0.463 004	9.975 667	3	999	
002	9.512 686	22	9.537 021	25	0.462 979	9.975 665	2	998	
003	9.512 708	22	9.537 046	25	0.462 954	9.975 662	3	997	
004	9.512 730	22	9.537 070	24	0.462 930	9.975 660	2	996	25
005	9.512 752	22	9.537 095	25	0.462 905	9.975 657	3	995	1 2.5
006	9.512 774	22	9.537 120	25	0.462 880	9.975 654	3	994	2 5.0
007	9.512 796	22	9.537 144	24	0.462 856	9.975 652	2	993	3 7.5
008	9.512 818	22	9.537 169	25	0.462 831	9.975 649	3	992	4 10.0
009	9.512 840	22	9.537 193	24	0.462 807	9.975 647	2	991	5 12.5
.010	9.512 862	22	9.537 218	25	0.462 782	9.975 644	3	.990	6 15.0
011	9.512 884	22	9.537 243	25	0.462 757	9.975 641	3	989	7 17.5
012	9.512 906	22	9.537 267	24	0.462 733	9.975 639	2	988	8 20.0
013	9.512 928	22	9.537 292	25	0.462 708	9.975 636	3	987	9 22.5
014	9.512 950	22	9.537 316	24	0.462 684	9.975 634	2	986	
015	9.512 972	22	9.537 341	25	0.462 659	9.975 631	3	985	
016	9.512 994	22	9.537 366	25	0.462 634	9.975 628	3	984	24
017	9.513 016	22	9.537 390	24	0.462 610	9.975 626	2	983	1 2.4
018	9.513 038	22	9.537 415	25	0.462 585	9.975 623	3	982	2 4.8
019	9.513 060	22	9.537 440	25	0.462 560	9.975 620	3	981	3 7.2
.020	9.513 082	22	9.537 464	24	0.462 536	9.975 618	2	.980	4 9.6
021	9.513 104	22	9.537 489	25	0.462 511	9.975 615	3	979	5 12.0
022	9.513 126	22	9.537 513	24	0.462 487	9.975 613	2	978	6 14.4
023	9.513 148	22	9.537 538	25	0.462 462	9.975 610	3	977	7 16.8
024	9.513 170	22	9.537 562	24	0.462 438	9.975 607	3	976	8 19.2
025	9.513 192	22	9.537 587	25	0.462 413	9.975 605	2	975	9 21.6
026	9.513 214	22	9.537 612	25	0.462 388	9.975 602	3	974	
027	9.513 236	22	9.537 636	24	0.462 364	9.975 600	2	973	
028	9.513 258	22	9.537 661	25	0.462 339	9.975 597	3	972	22
029	9.513 280	22	9.537 685	24	0.462 315	9.975 594	3	971	1 2.2
.030	9.513 302	22	9.537 710	25	0.462 290	9.975 592	2	.970	2 4.4
031	9.513 324	22	9.537 735	25	0.462 265	9.975 589	3	969	3 6.6
032	9.513 346	22	9.537 759	24	0.462 241	9.975 586	3	968	4 8.8
033	9.513 368	22	9.537 784	25	0.462 216	9.975 584	2	967	5 11.0
034	9.513 390	22	9.537 808	24	0.462 192	9.975 581	3	966	6 13.2
035	9.513 412	22	9.537 833	25	0.462 167	9.975 579	2	965	7 15.4
036	9.513 434	22	9.537 858	25	0.462 142	9.975 576	3	964	8 17.6
037	9.513 456	22	9.537 882	24	0.462 118	9.975 573	3	963	9 19.8
038	9.513 478	22	9.537 907	25	0.462 093	9.975 571	2	962	
039	9.513 499	21	9.537 931	24	0.462 069	9.975 568	3	961	
.040	9.513 521	22	9.537 956	25	0.462 044	9.975 566	2	.960	21
041	9.513 543	22	9.537 980	24	0.462 020	9.975 563	3	959	1 2.1
042	9.513 565	22	9.538 005	25	0.461 995	9.975 560	3	958	2 4.2
043	9.513 587	22	9.538 030	25	0.461 970	9.975 558	2	957	3 6.3
044	9.513 609	22	9.538 054	24	0.461 946	9.975 555	3	956	4 8.4
045	9.513 631	22	9.538 079	25	0.461 921	9.975 552	2	955	5 10.5
046	9.513 653	22	9.538 103	24	0.461 897	9.975 550	3	954	6 12.6
047	9.513 675	22	9.538 128	25	0.461 872	9.975 547	2	953	7 14.7
048	9.513 697	22	9.538 153	25	0.461 847	9.975 545	3	952	8 16.8
049	9.513 719	22	9.538 177	24	0.461 823	9.975 542	3	951	9 18.9
.050	9.513 741	22	9.538 202	25	0.461 798	9.975 539	3	.950	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

71°.000 — 70°.950

19°.050 — 19°.100

19°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.513 741		9.538 202		0.461 798	9.975 539		.950	
051	9.513 763	22	9.538 226	24	0.461 774	9.975 537	2	949	
052	9.513 785	22	9.538 251	25	0.461 749	9.975 534	3	948	
053	9.513 807	22	9.538 275	24	0.461 725	9.975 532	2	947	
054	9.513 829	22	9.538 300	25	0.461 700	9.975 529	3	946	25
055	9.513 851	22	9.538 324	24	0.461 676	9.975 526	3	945	1 2.5
056	9.513 873	22	9.538 349	25	0.461 651	9.975 524	2	944	2 5.0
057	9.513 895	22	9.538 374	25	0.461 626	9.975 521	3	943	3 7.5
058	9.513 917	22	9.538 398	24	0.461 602	9.975 518	3	942	4 10.0
059	9.513 939	22	9.538 423	25	0.461 577	9.975 516	2	941	5 12.5
.060	9.513 960	21	9.538 447	24	0.461 553	9.975 513	3	.940	6 15.0
		22		25			2		7 17.5
061	9.513 982	22	9.538 472	24	0.461 528	9.975 511	3	939	8 20.0
062	9.514 004	22	9.538 496	25	0.461 504	9.975 508	3	938	9 22.5
063	9.514 026	22	9.538 521	25	0.461 479	9.975 505	3	937	
064	9.514 048	22	9.538 546	25	0.461 454	9.975 503	2	936	
065	9.514 070	22	9.538 570	24	0.461 430	9.975 500	3	935	
066	9.514 092	22	9.538 595	25	0.461 405	9.975 497	3	934	24
067	9.514 114	22	9.538 619	24	0.461 381	9.975 495	2	933	1 2.4
068	9.514 136	22	9.538 644	25	0.461 356	9.975 492	3	932	2 4.8
069	9.514 158	22	9.538 668	24	0.461 332	9.975 490	2	931	3 7.2
.070	9.514 180	22	9.538 693	25	0.461 307	9.975 487	3	.930	4 9.6
		22		24			3		5 12.0
071	9.514 202	22	9.538 717	25	0.461 283	9.975 484	2	929	6 14.4
072	9.514 224	22	9.538 742	24	0.461 258	9.975 482	3	928	7 16.8
073	9.514 246	22	9.538 766	25	0.461 234	9.975 479	3	927	8 19.2
074	9.514 268	22	9.538 791	25	0.461 209	9.975 477	2	926	9 21.6
075	9.514 289	21	9.538 816	25	0.461 184	9.975 474	3	925	
076	9.514 311	22	9.538 840	24	0.461 160	9.975 471	3	924	
077	9.514 333	22	9.538 865	25	0.461 135	9.975 469	2	923	22
078	9.514 355	22	9.538 889	24	0.461 111	9.975 466	3	922	1 2.2
079	9.514 377	22	9.538 914	25	0.461 086	9.975 463	3	921	2 4.4
.080	9.514 399	22	9.538 938	24	0.461 062	9.975 461	2	.920	3 6.6
		22		25			3		4 8.8
081	9.514 421	22	9.538 963	24	0.461 037	9.975 458	2	919	5 11.0
082	9.514 443	22	9.538 987	25	0.461 013	9.975 456	3	918	6 13.2
083	9.514 465	22	9.539 012	25	0.460 988	9.975 453	3	917	7 15.4
084	9.514 487	22	9.539 036	24	0.460 964	9.975 450	3	916	8 17.6
085	9.514 509	22	9.539 061	25	0.460 939	9.975 448	2	915	9 19.8
086	9.514 530	21	9.539 085	24	0.460 915	9.975 445	3	914	
087	9.514 552	22	9.539 110	25	0.460 890	9.975 442	3	913	
088	9.514 574	22	9.539 134	24	0.460 866	9.975 440	2	912	
089	9.514 596	22	9.539 159	25	0.460 841	9.975 437	3	911	21
.090	9.514 618	22	9.539 184	25	0.460 816	9.975 435	2	.910	1 2.1
		22		24			3		2 4.2
091	9.514 640	22	9.539 208	25	0.460 792	9.975 432	3	909	3 6.3
092	9.514 662	22	9.539 233	25	0.460 767	9.975 429	3	908	4 8.4
093	9.514 684	22	9.539 257	24	0.460 743	9.975 427	2	907	5 10.5
094	9.514 706	22	9.539 282	25	0.460 718	9.975 424	3	906	6 12.6
095	9.514 728	22	9.539 306	24	0.460 694	9.975 421	3	905	7 14.7
096	9.514 749	21	9.539 331	25	0.460 669	9.975 419	2	904	8 16.8
097	9.514 771	22	9.539 355	24	0.460 645	9.975 416	3	903	9 18.9
098	9.514 793	22	9.539 380	25	0.460 620	9.975 414	2	902	
099	9.514 815	22	9.539 404	24	0.460 596	9.975 411	3	901	
.100	9.514 837	22	9.539 429	25	0.460 571	9.975 408	3	.900	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.950 — 70°.900

19°.100 — 19°.150

19°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.514 837		9.539 429		0.460 571	9.975 408		.900	
101	9.514 859	22	9.539 453	24	0.460 547	9.975 406	2	899	
102	9.514 881	22	9.539 478	25	0.460 522	9.975 403	3	898	
103	9.514 903	22	9.539 502	24	0.460 498	9.975 400	3	897	
		22		25			2		25
104	9.514 925	21	9.539 527	24	0.460 473	9.975 398	3	896	
105	9.514 946	22	9.539 551	25	0.460 449	9.975 395	2	895	1 2.5
106	9.514 968	22	9.539 576	24	0.460 424	9.975 393	3	894	2 5.0
		22		25			2		3 7.5
107	9.514 990	22	9.539 600	24	0.460 400	9.975 390	3	893	4 10.0
108	9.515 012	22	9.539 625	25	0.460 375	9.975 387	2	892	5 12.5
109	9.515 034	22	9.539 649	24	0.460 351	9.975 385	3	891	6 15.0
		22		25			2		7 17.5
.110	9.515 056	22	9.539 674	24	0.460 326	9.975 382	3	.890	8 20.0
		22		25			2		9 22.5
111	9.515 078	22	9.539 698	24	0.460 302	9.975 379	3	889	
112	9.515 100	22	9.539 723	25	0.460 277	9.975 377	2	888	
113	9.515 122	22	9.539 747	24	0.460 253	9.975 374	3	887	
		21		25			2		24
114	9.515 143	22	9.539 772	24	0.460 228	9.975 372	3	886	
115	9.515 165	22	9.539 796	25	0.460 204	9.975 369	2	885	
116	9.515 187	22	9.539 821	24	0.460 179	9.975 366	3	884	
		22		25			2		
117	9.515 209	22	9.539 845	24	0.460 155	9.975 364	3	883	1 2.4
118	9.515 231	22	9.539 870	25	0.460 130	9.975 361	2	882	2 4.8
119	9.515 253	22	9.539 894	24	0.460 106	9.975 358	3	881	3 7.2
		22		25			2		4 9.6
.120	9.515 275	21	9.539 919	24	0.460 081	9.975 356	3	.880	5 12.0
		22		25			2		6 14.4
121	9.515 296	22	9.539 943	24	0.460 057	9.975 353	3	879	7 16.8
122	9.515 318	22	9.539 968	25	0.460 032	9.975 351	2	878	8 19.2
123	9.515 340	22	9.539 992	24	0.460 008	9.975 348	3	877	9 21.6
		22		25			2		
124	9.515 362	22	9.540 017	24	0.459 983	9.975 345	3	876	
125	9.515 384	22	9.540 041	25	0.459 959	9.975 343	2	875	
126	9.515 406	22	9.540 066	24	0.459 934	9.975 340	3	874	
		22		25			2		
127	9.515 428	21	9.540 090	24	0.459 910	9.975 337	3	873	22
128	9.515 449	22	9.540 115	25	0.459 885	9.975 335	2	872	
129	9.515 471	22	9.540 139	24	0.459 861	9.975 332	3	871	
		22		25			2		
.130	9.515 493	22	9.540 164	24	0.459 836	9.975 330	3	.870	
		22		25			2		
131	9.515 515	22	9.540 188	24	0.459 812	9.975 327	3	869	
132	9.515 537	22	9.540 213	25	0.459 787	9.975 324	2	868	
133	9.515 559	22	9.540 237	24	0.459 763	9.975 322	3	867	
		22		25			2		
134	9.515 581	21	9.540 262	24	0.459 738	9.975 319	3	866	
135	9.515 602	22	9.540 286	25	0.459 714	9.975 316	2	865	
136	9.515 624	22	9.540 311	24	0.459 689	9.975 314	3	864	
		22		25			2		
137	9.515 646	22	9.540 335	24	0.459 665	9.975 311	3	863	
138	9.515 668	22	9.540 359	25	0.459 641	9.975 308	2	862	
139	9.515 690	22	9.540 384	24	0.459 616	9.975 306	3	861	
		22		25			2		21
.140	9.515 712	21	9.540 408	24	0.459 592	9.975 303	3	.860	
		22		25			2		
141	9.515 733	22	9.540 433	24	0.459 567	9.975 301	3	859	1 2.1
142	9.515 755	22	9.540 457	25	0.459 543	9.975 298	2	858	2 4.2
143	9.515 777	22	9.540 482	24	0.459 518	9.975 295	3	857	3 6.3
		22		25			2		4 8.4
144	9.515 799	22	9.540 506	24	0.459 494	9.975 293	3	856	5 10.5
145	9.515 821	22	9.540 531	25	0.459 469	9.975 290	2	855	6 12.6
146	9.515 843	22	9.540 555	24	0.459 445	9.975 287	3	854	7 14.7
		21		25			2		8 16.8
147	9.515 864	22	9.540 580	24	0.459 420	9.975 285	3	853	9 18.9
148	9.515 886	22	9.540 604	25	0.459 396	9.975 282	2	852	
149	9.515 908	22	9.540 629	24	0.459 371	9.975 280	3	851	
		22		25			2		
.150	9.515 930	22	9.540 653	24	0.459 347	9.975 277	3	.850	
		22		25			2		
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.900 — 70°.850

19°.150 — 19°.200

19°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.515 930		9.540 653		0.459 347	9.975 277		.850	
151	9.515 952	22	9.540 678	25	0.459 322	9.975 274	3	849	
152	9.515 974	22	9.540 702	24	0.459 298	9.975 272	2	848	
153	9.515 995	21	9.540 726	24	0.459 274	9.975 269	3	847	
154	9.516 017	22	9.540 751	25	0.459 249	9.975 266	3	846	25
155	9.516 039	22	9.540 775	24	0.459 225	9.975 264	2	845	1 2.5
156	9.516 061	22	9.540 800	25	0.459 200	9.975 261	3	844	2 5.0
157	9.516 083	22	9.540 824	24	0.459 176	9.975 258	3	843	3 7.5
158	9.516 105	22	9.540 849	25	0.459 151	9.975 256	2	842	4 10.0
159	9.516 126	21	9.540 873	24	0.459 127	9.975 253	3	841	5 12.5
.160	9.516 148	22	9.540 898	25	0.459 102	9.975 251	2	.840	6 15.0
161	9.516 170	22	9.540 922	24	0.459 078	9.975 248	3	839	7 17.5
162	9.516 192	22	9.540 947	25	0.459 053	9.975 245	3	838	8 20.0
163	9.516 214	22	9.540 971	24	0.459 029	9.975 243	2	837	9 22.5
164	9.516 235	21	9.540 995	24	0.459 005	9.975 240	3	836	
165	9.516 257	22	9.541 020	25	0.458 980	9.975 237	3	835	
166	9.516 279	22	9.541 044	24	0.458 956	9.975 235	2	834	24
167	9.516 301	22	9.541 069	25	0.458 931	9.975 232	3	833	1 2.4
168	9.516 323	22	9.541 093	24	0.458 907	9.975 230	2	832	2 4.8
169	9.516 344	21	9.541 118	25	0.458 882	9.975 227	3	831	3 7.2
.170	9.516 366	22	9.541 142	24	0.458 858	9.975 224	3	.830	4 9.6
171	9.516 388	22	9.541 166	24	0.458 834	9.975 222	2	829	5 12.0
172	9.516 410	22	9.541 191	25	0.458 809	9.975 219	3	828	6 14.4
173	9.516 432	22	9.541 215	24	0.458 785	9.975 216	3	827	7 16.8
174	9.516 453	21	9.541 240	25	0.458 760	9.975 214	2	826	8 19.2
175	9.516 475	22	9.541 264	24	0.458 736	9.975 211	3	825	9 21.6
176	9.516 497	22	9.541 289	25	0.458 711	9.975 208	3	824	
177	9.516 519	22	9.541 313	24	0.458 687	9.975 206	2	823	22
178	9.516 541	22	9.541 338	25	0.458 662	9.975 203	3	822	1 2.2
179	9.516 562	21	9.541 362	24	0.458 638	9.975 201	2	821	2 4.4
.180	9.516 584	22	9.541 386	24	0.458 614	9.975 198	3	.820	3 6.6
181	9.516 606	22	9.541 411	25	0.458 589	9.975 195	3	819	4 8.8
182	9.516 628	22	9.541 435	24	0.458 565	9.975 193	2	818	5 11.0
183	9.516 650	22	9.541 460	25	0.458 540	9.975 190	3	817	6 13.2
184	9.516 671	21	9.541 484	24	0.458 516	9.975 187	3	816	7 15.4
185	9.516 693	22	9.541 509	25	0.458 491	9.975 185	2	815	8 17.6
186	9.516 715	22	9.541 533	24	0.458 467	9.975 182	3	814	9 19.8
187	9.516 737	22	9.541 557	24	0.458 443	9.975 179	3	813	
188	9.516 759	22	9.541 582	25	0.458 418	9.975 177	2	812	
189	9.516 780	21	9.541 606	24	0.458 394	9.975 174	3	811	21
.190	9.516 802	22	9.541 631	25	0.458 369	9.975 172	2	.810	1 2.1
191	9.516 824	22	9.541 655	24	0.458 345	9.975 169	3	809	2 4.2
192	9.516 846	22	9.541 679	24	0.458 321	9.975 166	3	808	3 6.3
193	9.516 867	21	9.541 704	25	0.458 296	9.975 164	2	807	4 8.4
194	9.516 889	22	9.541 728	24	0.458 272	9.975 161	3	806	5 10.5
195	9.516 911	22	9.541 753	25	0.458 247	9.975 158	3	805	6 12.6
196	9.516 933	22	9.541 777	24	0.458 223	9.975 156	2	804	7 14.7
197	9.516 955	22	9.541 801	24	0.458 199	9.975 153	3	803	8 16.8
198	9.516 976	21	9.541 826	25	0.458 174	9.975 150	3	802	9 18.9
199	9.516 998	22	9.541 850	24	0.458 150	9.975 148	2	801	
.200	9.517 020	22	9.541 875	25	0.458 125	9.975 145	3	.800	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.850 — 70°.800

19°.200 — 19°.250

19°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.517 020		9.541 875		0.458 125	9.975 145		.800	
201	9.517 042	22	9.541 899	24	0.458 101	9.975 142	3	799	
202	9.517 063	21	9.541 924	25	0.458 076	9.975 140	2	798	
203	9.517 085	22	9.541 948	24	0.458 052	9.975 137	3	797	
204	9.517 107	22	9.541 972	24	0.458 028	9.975 135	2	796	25
205	9.517 129	22	9.541 997	25	0.458 003	9.975 132	3	795	1 2.5
206	9.517 150	21	9.542 021	24	0.457 979	9.975 129	3	794	2 5.0
207	9.517 172	22	9.542 046	25	0.457 954	9.975 127	2	793	3 7.5
208	9.517 194	22	9.542 070	24	0.457 930	9.975 124	3	792	4 10.0
209	9.517 216	22	9.542 094	24	0.457 906	9.975 121	3	791	5 12.5
.210	9.517 237	21	9.542 119	25	0.457 881	9.975 119	2	.790	6 15.0
211	9.517 259	22	9.542 143	24	0.457 857	9.975 116	3	789	7 17.5
212	9.517 281	22	9.542 168	25	0.457 832	9.975 113	3	788	8 20.0
213	9.517 303	22	9.542 192	24	0.457 808	9.975 111	2	787	9 22.5
214	9.517 324	21	9.542 216	24	0.457 784	9.975 108	3	786	
215	9.517 346	22	9.542 241	25	0.457 759	9.975 106	2	785	
216	9.517 368	22	9.542 265	24	0.457 735	9.975 103	3	784	24
217	9.517 390	22	9.542 289	24	0.457 711	9.975 100	3	783	1 2.4
218	9.517 411	21	9.542 314	25	0.457 686	9.975 098	2	782	2 4.8
219	9.517 433	22	9.542 338	24	0.457 662	9.975 095	3	781	3 7.2
.220	9.517 455	22	9.542 363	25	0.457 637	9.975 092	3	.780	4 9.6
221	9.517 477	22	9.542 387	24	0.457 613	9.975 090	2	779	5 12.0
222	9.517 498	21	9.542 411	24	0.457 589	9.975 087	3	778	6 14.4
223	9.517 520	22	9.542 436	25	0.457 564	9.975 084	3	777	7 16.8
224	9.517 542	22	9.542 460	24	0.457 540	9.975 082	2	776	8 19.2
225	9.517 564	22	9.542 485	25	0.457 515	9.975 079	3	775	9 21.6
226	9.517 585	21	9.542 509	24	0.457 491	9.975 076	3	774	
227	9.517 607	22	9.542 533	24	0.457 467	9.975 074	2	773	
228	9.517 629	22	9.542 558	25	0.457 442	9.975 071	3	772	22
229	9.517 651	22	9.542 582	24	0.457 418	9.975 069	2	771	1 2.2
.230	9.517 672	21	9.542 606	24	0.457 394	9.975 066	3	.770	2 4.4
231	9.517 694	22	9.542 631	25	0.457 369	9.975 063	3	769	3 6.6
232	9.517 716	22	9.542 655	24	0.457 345	9.975 061	2	768	4 8.8
233	9.517 737	21	9.542 680	25	0.457 320	9.975 058	3	767	5 11.0
234	9.517 759	22	9.542 704	24	0.457 296	9.975 055	3	766	6 13.2
235	9.517 781	22	9.542 728	24	0.457 272	9.975 053	2	765	7 15.4
236	9.517 803	22	9.542 753	25	0.457 247	9.975 050	3	764	8 17.6
237	9.517 824	21	9.542 777	24	0.457 223	9.975 047	2	763	9 19.8
238	9.517 846	22	9.542 801	24	0.457 199	9.975 045	3	762	
239	9.517 868	22	9.542 826	25	0.457 174	9.975 042	3	761	
.240	9.517 890	22	9.542 850	24	0.457 150	9.975 039	3	.760	21
241	9.517 911	21	9.542 874	24	0.457 126	9.975 037	2	759	1 2.1
242	9.517 933	22	9.542 899	25	0.457 101	9.975 034	3	758	2 4.2
243	9.517 955	22	9.542 923	24	0.457 077	9.975 031	3	757	3 6.3
244	9.517 976	21	9.542 948	25	0.457 052	9.975 029	3	756	4 8.4
245	9.517 998	22	9.542 972	24	0.457 028	9.975 026	2	755	5 10.5
246	9.518 020	22	9.542 996	24	0.457 004	9.975 024	3	754	6 12.6
247	9.518 042	22	9.543 021	25	0.456 979	9.975 021	3	753	7 14.7
248	9.518 063	21	9.543 045	24	0.456 955	9.975 018	2	752	8 16.8
249	9.518 085	22	9.543 069	24	0.456 931	9.975 016	3	751	9 18.9
.250	9.518 107	22	9.543 094	25	0.456 906	9.975 013	3	.750	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.800 — 70°.750

19°.250 — 19°.300

19°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.518 107		9.543 094		0.456 906	9.975 013		.750	
251	9.518 128	21	9.543 118	24	0.456 882	9.975 010	3	749	
252	9.518 150	22	9.543 142	24	0.456 858	9.975 008	2	748	
253	9.518 172	22	9.543 167	25	0.456 833	9.975 005	3	747	
		21		24			3		25
254	9.518 193	22	9.543 191	24	0.456 809	9.975 002	2	746	
255	9.518 215	22	9.543 215	24	0.456 785	9.975 000	3	745	1 2.5
256	9.518 237	22	9.543 240	25	0.456 760	9.974 997	3	744	2 5.0
		22		24			3		3 7.5
257	9.518 259	21	9.543 264	24	0.456 736	9.974 994	2	743	4 10.0
258	9.518 280	22	9.543 288	24	0.456 712	9.974 992	3	742	5 12.5
259	9.518 302	22	9.543 313	25	0.456 687	9.974 989	3	741	6 15.0
		22		24			3		7 17.5
.260	9.518 324	21	9.543 337	24	0.456 663	9.974 986	2	.740	8 20.0
		22		25			3		9 22.5
261	9.518 345	22	9.543 361	25	0.456 639	9.974 984	3	739	
262	9.518 367	22	9.543 386	24	0.456 614	9.974 981	2	738	
263	9.518 389	21	9.543 410	25	0.456 590	9.974 979	3	737	
		22		24			3		24
264	9.518 410	22	9.543 435	24	0.456 565	9.974 976	2	736	
265	9.518 432	22	9.543 459	24	0.456 541	9.974 973	3	735	
266	9.518 454	21	9.543 483	25	0.456 517	9.974 971	3	734	
		22		24			3		1 2.4
267	9.518 475	22	9.543 508	24	0.456 492	9.974 968	2	733	2 4.8
268	9.518 497	22	9.543 532	24	0.456 468	9.974 965	3	732	3 7.2
269	9.518 519	21	9.543 556	25	0.456 444	9.974 963	3	731	4 9.6
		22		24			3		5 12.0
.270	9.518 540	22	9.543 581	24	0.456 419	9.974 960	2	.730	6 14.4
		22		25			3		7 16.8
271	9.518 562	22	9.543 605	24	0.456 395	9.974 957	2	729	8 19.2
272	9.518 584	22	9.543 629	25	0.456 371	9.974 955	3	728	9 21.6
273	9.518 606	21	9.543 654	24	0.456 346	9.974 952	3	727	
		22		24			3		
274	9.518 627	22	9.543 678	24	0.456 322	9.974 949	2	726	
275	9.518 649	22	9.543 702	24	0.456 298	9.974 947	3	725	
276	9.518 671	21	9.543 726	25	0.456 274	9.974 944	3	724	
		22		24			3		
277	9.518 692	22	9.543 751	24	0.456 249	9.974 941	2	723	22
278	9.518 714	22	9.543 775	24	0.456 225	9.974 939	3	722	
279	9.518 736	21	9.543 799	25	0.456 201	9.974 936	3	721	
		22		24			3		
.280	9.518 757	22	9.543 824	24	0.456 176	9.974 933	2	.720	
		22		25			3		
281	9.518 779	21	9.543 848	24	0.456 152	9.974 931	3	719	
282	9.518 801	22	9.543 872	25	0.456 128	9.974 928	3	718	
283	9.518 822	22	9.543 897	24	0.456 103	9.974 926	2	717	
		22		24			3		
284	9.518 844	22	9.543 921	24	0.456 079	9.974 923	3	716	
285	9.518 866	21	9.543 945	25	0.456 055	9.974 920	3	715	
286	9.518 887	22	9.543 970	24	0.456 030	9.974 918	2	714	
		22		24			3		
287	9.518 909	22	9.543 994	24	0.456 006	9.974 915	3	713	
288	9.518 931	21	9.544 018	25	0.455 982	9.974 912	2	712	
289	9.518 952	22	9.544 043	24	0.455 957	9.974 910	3	711	
		22		24			3		21
.290	9.518 974	22	9.544 067	24	0.455 933	9.974 907	3	.710	
		22		25			3		
291	9.518 996	21	9.544 091	24	0.455 909	9.974 904	2	709	
292	9.519 017	22	9.544 116	25	0.455 884	9.974 902	3	708	
293	9.519 039	21	9.544 140	24	0.455 860	9.974 899	3	707	
		22		24			3		
294	9.519 060	22	9.544 164	24	0.455 836	9.974 896	2	706	
295	9.519 082	22	9.544 188	25	0.455 812	9.974 894	3	705	
296	9.519 104	21	9.544 213	24	0.455 787	9.974 891	3	704	
		22		24			3		
297	9.519 125	22	9.544 237	24	0.455 763	9.974 888	2	703	
298	9.519 147	22	9.544 261	25	0.455 739	9.974 886	3	702	
299	9.519 169	21	9.544 286	24	0.455 714	9.974 883	3	701	
		22		24			3		
.300	9.519 190	22	9.544 310	24	0.455 690	9.974 880	3	.700	
		22		24			3		
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.750 — 70°.700

19°.300 — 19°.350

19°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.519 190		9.544 310		0.455 690	9.974 880		.700	
301	9.519 212	22	9.544 334	24	0.455 666	9.974 878	2	699	
302	9.519 234	22	9.544 359	25	0.455 641	9.974 875	3	698	
303	9.519 255	21	9.544 383	24	0.455 617	9.974 872	3	697	
		22		24			2		25
304	9.519 277	22	9.544 407	24	0.455 593	9.974 870	2	696	
305	9.519 299	22	9.544 431	24	0.455 569	9.974 867	3	695	1 2.5
306	9.519 320	21	9.544 456	25	0.455 544	9.974 864	3	694	2 5.0
		22		24			2		3 7.5
307	9.519 342	21	9.544 480	24	0.455 520	9.974 862	2	693	4 10.0
308	9.519 363	22	9.544 504	24	0.455 496	9.974 859	3	692	5 12.5
309	9.519 385	22	9.544 529	25	0.455 471	9.974 857	2	691	6 15.0
		22		24			3		7 17.5
.310	9.519 407	21	9.544 553	24	0.455 447	9.974 854	3	.690	8 20.0
		22		24			3	689	9 22.5
311	9.519 428	22	9.544 577	24	0.455 423	9.974 851	2	688	
312	9.519 450	22	9.544 601	24	0.455 399	9.974 849	2	688	
313	9.519 472	22	9.544 626	25	0.455 374	9.974 846	3	687	
		21		24			3		24
314	9.519 493	22	9.544 650	24	0.455 350	9.974 843	2	686	
315	9.519 515	22	9.544 674	24	0.455 326	9.974 841	2	685	
316	9.519 537	22	9.544 699	25	0.455 301	9.974 838	3	684	
		21		24			3		1 2.4
317	9.519 558	22	9.544 723	24	0.455 277	9.974 835	2	683	2 4.8
318	9.519 580	22	9.544 747	24	0.455 253	9.974 833	2	682	3 7.2
319	9.519 601	21	9.544 771	24	0.455 229	9.974 830	3	681	4 9.6
		22		25			3		5 12.0
.320	9.519 623	22	9.544 796	24	0.455 204	9.974 827	2	.680	6 14.4
		22		24			3	679	7 16.8
321	9.519 645	21	9.544 820	24	0.455 180	9.974 825	3	678	8 19.2
322	9.519 666	22	9.544 844	24	0.455 156	9.974 822	3	677	9 21.6
323	9.519 688	22	9.544 869	25	0.455 131	9.974 819	2		
		22		24			2	676	
324	9.519 710	21	9.544 893	24	0.455 107	9.974 817	3	675	
325	9.519 731	22	9.544 917	24	0.455 083	9.974 814	3	674	
326	9.519 753	22	9.544 941	24	0.455 059	9.974 811	3		
		21		25			2	673	22
327	9.519 774	22	9.544 966	24	0.455 034	9.974 809	3	672	
328	9.519 796	22	9.544 990	24	0.455 010	9.974 806	3	671	
329	9.519 818	22	9.545 014	24	0.454 986	9.974 803	3		
		21		24			2		1 2.2
.330	9.519 839	22	9.545 038	25	0.454 962	9.974 801	3	.670	2 4.4
		22		24			3	669	3 6.6
331	9.519 861	21	9.545 063	24	0.454 937	9.974 798	3	668	4 8.8
332	9.519 882	22	9.545 087	24	0.454 913	9.974 795	2	667	5 11.0
333	9.519 904	22	9.545 111	24	0.454 889	9.974 793	3	666	6 13.2
		22		25			3		7 15.4
334	9.519 926	21	9.545 136	24	0.454 864	9.974 790	3	665	8 17.6
335	9.519 947	22	9.545 160	24	0.454 840	9.974 787	3	664	9 19.8
336	9.519 969	22	9.545 184	24	0.454 816	9.974 785	2		
		21		24			3	663	
337	9.519 990	22	9.545 208	25	0.454 792	9.974 782	3	662	
338	9.520 012	22	9.545 233	24	0.454 767	9.974 779	2	661	
339	9.520 034	22	9.545 257	24	0.454 743	9.974 777	3		21
		21		24			3		
.340	9.520 055	22	9.545 281	24	0.454 719	9.974 774	3	.660	1 2.1
		22		24			3	659	2 4.2
341	9.520 077	21	9.545 305	25	0.454 695	9.974 771	2	658	3 6.3
342	9.520 098	22	9.545 330	24	0.454 670	9.974 769	3	657	4 8.4
343	9.520 120	22	9.545 354	24	0.454 646	9.974 766	3		5 10.5
		22		24			3	656	6 12.6
344	9.520 142	21	9.545 378	24	0.454 622	9.974 763	2	655	7 14.7
345	9.520 163	22	9.545 402	24	0.454 598	9.974 761	3	654	8 16.8
346	9.520 185	22	9.545 427	25	0.454 573	9.974 758	3		9 18.9
		21		24			3	653	
347	9.520 206	22	9.545 451	24	0.454 549	9.974 755	2	652	
348	9.520 228	22	9.545 475	24	0.454 525	9.974 753	3	651	
349	9.520 250	22	9.545 499	24	0.454 501	9.974 750	3		
		21		25			2		
.350	9.520 271	21	9.545 524	25	0.454 476	9.974 748	2	.650	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.700 — 70°.650

19°.350 — 19°.400

19°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.520 271		9.545 524		0.454 476	9.974 748		.650	
351	9.520 293	22	9.545 548	24	0.454 452	9.974 745	3	649	
352	9.520 314	21	9.545 572	24	0.454 428	9.974 742	3	648	
353	9.520 336	22	9.545 596	24	0.454 404	9.974 740	2	647	
		21		25			3		25
354	9.520 357	22	9.545 621	24	0.454 379	9.974 737	3	646	
355	9.520 379	22	9.545 645	24	0.454 355	9.974 734	3	645	1 2.5
356	9.520 401	22	9.545 669	24	0.454 331	9.974 732	2	644	2 5.0
		21		24			3		3 7.5
357	9.520 422	22	9.545 693	24	0.454 307	9.974 729	3	643	4 10.0
358	9.520 444	22	9.545 718	25	0.454 282	9.974 726	3	642	5 12.5
359	9.520 465	21	9.545 742	24	0.454 258	9.974 724	2	641	6 15.0
		22		24			3		7 17.5
.360	9.520 487	21	9.545 766	24	0.454 234	9.974 721	3	.640	8 20.0
		22		24			3		9 22.5
361	9.520 508	22	9.545 790	24	0.454 210	9.974 718	2	639	
362	9.520 530	22	9.545 814	24	0.454 186	9.974 716	2	638	
363	9.520 552	22	9.545 839	25	0.454 161	9.974 713	3	637	
		21		24			3		24
364	9.520 573	22	9.545 863	24	0.454 137	9.974 710	3	636	
365	9.520 595	22	9.545 887	24	0.454 113	9.974 708	2	635	
366	9.520 616	21	9.545 911	24	0.454 089	9.974 705	3	634	
		22		25			3		1 2.4
367	9.520 638	22	9.545 936	24	0.454 064	9.974 702	2	633	2 4.8
368	9.520 659	21	9.545 960	24	0.454 040	9.974 700	3	632	3 7.2
369	9.520 681	22	9.545 984	24	0.454 016	9.974 697	3	631	4 9.6
		22		24			3		5 12.0
.370	9.520 703	21	9.546 008	25	0.453 992	9.974 694	2	.630	6 14.4
		22		24			3		7 16.8
371	9.520 724	22	9.546 033	24	0.453 967	9.974 692	3	629	8 19.2
372	9.520 746	21	9.546 057	24	0.453 943	9.974 689	3	628	9 21.6
373	9.520 767	22	9.546 081	24	0.453 919	9.974 686	2	627	
		21		24			3		
374	9.520 789	22	9.546 105	24	0.453 895	9.974 684	2	626	
375	9.520 810	21	9.546 129	24	0.453 871	9.974 681	3	625	
376	9.520 832	22	9.546 154	25	0.453 846	9.974 678	3	624	
		21		24			2		
377	9.520 853	22	9.546 178	24	0.453 822	9.974 676	3	623	22
378	9.520 875	22	9.546 202	24	0.453 798	9.974 673	3	622	
379	9.520 897	22	9.546 226	24	0.453 774	9.974 670	3	621	
		21		25			2		
.380	9.520 918	22	9.546 251	24	0.453 749	9.974 668	3	.620	
		21		24			3		
381	9.520 940	22	9.546 275	24	0.453 725	9.974 665	3	619	
382	9.520 961	22	9.546 299	24	0.453 701	9.974 662	3	618	
383	9.520 983	22	9.546 323	24	0.453 677	9.974 660	2	617	
		21		24			3		
384	9.521 004	22	9.546 347	24	0.453 653	9.974 657	3	616	
385	9.521 026	22	9.546 372	25	0.453 628	9.974 654	3	615	
386	9.521 047	21	9.546 396	24	0.453 604	9.974 652	2	614	
		22		24			3		
387	9.521 069	22	9.546 420	24	0.453 580	9.974 649	3	613	
388	9.521 090	21	9.546 444	24	0.453 556	9.974 646	3	612	
389	9.521 112	22	9.546 468	24	0.453 532	9.974 644	2	611	
		22		25			3		21
.390	9.521 134	21	9.546 493	24	0.453 507	9.974 641	3	.610	
		22		24			3		
391	9.521 155	22	9.546 517	24	0.453 483	9.974 638	2	609	2.1
392	9.521 177	21	9.546 541	24	0.453 459	9.974 636	2	608	4.2
393	9.521 198	22	9.546 565	24	0.453 435	9.974 633	3	607	6.3
		22		24			3		8.4
394	9.521 220	22	9.546 589	24	0.453 411	9.974 630	3	606	10.5
395	9.521 241	21	9.546 614	25	0.453 386	9.974 628	2	605	12.6
396	9.521 263	22	9.546 638	24	0.453 362	9.974 625	3	604	14.7
		21		24			3		16.8
397	9.521 284	22	9.546 662	24	0.453 338	9.974 622	3	603	18.9
398	9.521 306	22	9.546 686	24	0.453 314	9.974 620	2	602	
399	9.521 327	21	9.546 710	24	0.453 290	9.974 617	3	601	
		22		25			3		
.400	9.521 349	22	9.546 735	24	0.453 265	9.974 614	3	.600	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.650 — 70°.600

19°.400 — 19°.450

19°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.521 349		9.546 735		0.453 265	9.974 614		.600	
401	9.521 370	21	9.546 759	24	0.453 241	9.974 612	2	599	
402	9.521 392	22	9.546 783	24	0.453 217	9.974 609	3	598	
403	9.521 413	21	9.546 807	24	0.453 193	9.974 606	3	597	
		22		24			2		25
404	9.521 435	21	9.546 831	24	0.453 169	9.974 604	3	596	1 2.5
405	9.521 456	22	9.546 856	25	0.453 144	9.974 601	3	595	2 5.0
406	9.521 478	22	9.546 880	24	0.453 120	9.974 598	3	594	3 7.5
		21		24			2		4 10.0
407	9.521 499	22	9.546 904	24	0.453 096	9.974 596	3	593	5 12.5
408	9.521 521	21	9.546 928	24	0.453 072	9.974 593	3	592	6 15.0
409	9.521 542	21	9.546 952	24	0.453 048	9.974 590	3	591	7 17.5
		22		24			2		8 20.0
.410	9.521 564	22	9.546 976	25	0.453 024	9.974 588	3	.590	9 22.5
411	9.521 586	21	9.547 001	24	0.452 999	9.974 585	3	589	
412	9.521 607	22	9.547 025	24	0.452 975	9.974 582	2	588	
413	9.521 629	21	9.547 049	24	0.452 951	9.974 580	3	587	
		22		24			2		24
414	9.521 650	22	9.547 073	24	0.452 927	9.974 577	3	586	1 2.4
415	9.521 672	21	9.547 097	24	0.452 903	9.974 574	3	585	2 4.8
416	9.521 693	22	9.547 122	25	0.452 878	9.974 571	3	584	3 7.2
		22		24			2		4 9.6
417	9.521 715	21	9.547 146	24	0.452 854	9.974 569	3	583	5 12.0
418	9.521 736	22	9.547 170	24	0.452 830	9.974 566	3	582	6 14.4
419	9.521 758	22	9.547 194	24	0.452 806	9.974 563	3	581	7 16.8
		21		24			2		8 19.2
.420	9.521 779	22	9.547 218	25	0.452 782	9.974 561	3	.580	9 21.6
421	9.521 801	21	9.547 242	24	0.452 758	9.974 558	3	579	
422	9.521 822	22	9.547 267	25	0.452 733	9.974 555	2	578	
423	9.521 844	22	9.547 291	24	0.452 709	9.974 553	3	577	
		21		24			2		
424	9.521 865	22	9.547 315	24	0.452 685	9.974 550	3	576	
425	9.521 887	21	9.547 339	24	0.452 661	9.974 547	3	575	
426	9.521 908	22	9.547 363	24	0.452 637	9.974 545	2	574	
		22		24			3		
427	9.521 930	21	9.547 387	25	0.452 613	9.974 542	3	573	22
428	9.521 951	22	9.547 412	24	0.452 588	9.974 539	2	572	1 2.2
429	9.521 973	22	9.547 436	24	0.452 564	9.974 537	3	571	2 4.4
		21		24			2		3 6.6
.430	9.521 994	21	9.547 460	25	0.452 540	9.974 534	3	.570	4 8.8
431	9.522 015	22	9.547 484	24	0.452 516	9.974 531	2	569	5 11.0
432	9.522 037	21	9.547 508	24	0.452 492	9.974 529	3	568	6 13.2
433	9.522 058	22	9.547 532	25	0.452 468	9.974 526	3	567	7 15.4
		22		24			2		8 17.6
434	9.522 080	21	9.547 557	24	0.452 443	9.974 523	3	566	9 19.8
435	9.522 101	22	9.547 581	24	0.452 419	9.974 521	2	565	
436	9.522 123	21	9.547 605	24	0.452 395	9.974 518	3	564	
		22		24			2		
437	9.522 144	21	9.547 629	25	0.452 371	9.974 515	3	563	
438	9.522 166	22	9.547 653	24	0.452 347	9.974 513	2	562	
439	9.522 187	21	9.547 677	24	0.452 323	9.974 510	3	561	
		22		24			2		21
.440	9.522 209	21	9.547 701	25	0.452 299	9.974 507	3	.560	1 2.1
441	9.522 230	22	9.547 726	24	0.452 274	9.974 505	2	559	2 4.2
442	9.522 252	21	9.547 750	24	0.452 250	9.974 502	3	558	3 6.3
443	9.522 273	22	9.547 774	24	0.452 226	9.974 499	3	557	4 8.4
		22		24			2		5 10.5
444	9.522 295	21	9.547 798	25	0.452 202	9.974 497	3	556	6 12.6
445	9.522 316	22	9.547 822	24	0.452 178	9.974 494	2	555	7 14.7
446	9.522 338	21	9.547 846	24	0.452 154	9.974 491	3	554	8 16.8
		22		25			2		9 18.9
447	9.522 359	21	9.547 871	24	0.452 129	9.974 489	3	553	
448	9.522 381	22	9.547 895	24	0.452 105	9.974 486	2	552	
449	9.522 402	21	9.547 919	24	0.452 081	9.974 483	3	551	
		22		24			2		
.450	9.522 424	22	9.547 943	25	0.452 057	9.974 481	3	.550	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.600 — 70°.550

19°.450 — 19°.500

19°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.522 424		9.547 943		0.452 057	9.974 481		.550	
451	9.522 445	21	9.547 967	24	0.452 033	9.974 478	3	549	
452	9.522 466	21	9.547 991	24	0.452 009	9.974 475	3	548	
453	9.522 488	22	9.548 015	24	0.451 985	9.974 473	2	547	
		21		25			3		25
454	9.522 509	21	9.548 040	25	0.451 960	9.974 470	3	546	
455	9.522 531	22	9.548 064	24	0.451 936	9.974 467	3	545	1 2.5
456	9.522 552	21	9.548 088	24	0.451 912	9.974 465	2	544	2 5.0
		22		24			3		3 7.5
457	9.522 574	22	9.548 112	24	0.451 888	9.974 462	3	543	4 10.0
458	9.522 595	21	9.548 136	24	0.451 864	9.974 459	3	542	5 12.5
459	9.522 617	22	9.548 160	24	0.451 840	9.974 456	3	541	6 15.0
		21		24			2		7 17.5
.460	9.522 638	22	9.548 184	24	0.451 816	9.974 454	3	.540	8 20.0
461	9.522 660	21	9.548 208	25	0.451 792	9.974 451	3	539	9 22.5
462	9.522 681	21	9.548 233	24	0.451 767	9.974 448	3	538	
463	9.522 702	21	9.548 257	24	0.451 743	9.974 446	2	537	
		22		24			3		24
464	9.522 724	21	9.548 281	24	0.451 719	9.974 443	3	536	
465	9.522 745	21	9.548 305	24	0.451 695	9.974 440	3	535	
466	9.522 767	22	9.548 329	24	0.451 671	9.974 438	2	534	
		21		24			3		1 2.4
467	9.522 788	22	9.548 353	24	0.451 647	9.974 435	3	533	2 4.8
468	9.522 810	22	9.548 377	24	0.451 623	9.974 432	3	532	3 7.2
469	9.522 831	21	9.548 401	24	0.451 599	9.974 430	2	531	4 9.6
		22		25			3		5 12.0
.470	9.522 853	21	9.548 426	24	0.451 574	9.974 427	3	.530	6 14.4
471	9.522 874	21	9.548 450	24	0.451 550	9.974 424	2	529	7 16.8
472	9.522 895	21	9.548 474	24	0.451 526	9.974 422	3	528	8 19.2
473	9.522 917	22	9.548 498	24	0.451 502	9.974 419	3	527	9 21.6
		21		24			3		
474	9.522 938	22	9.548 522	24	0.451 478	9.974 416	2	526	
475	9.522 960	21	9.548 546	24	0.451 454	9.974 414	3	525	
476	9.522 981	21	9.548 570	24	0.451 430	9.974 411	3	524	
		22		24			3		
477	9.523 003	21	9.548 594	24	0.451 406	9.974 408	2	523	22
478	9.523 024	21	9.548 618	24	0.451 382	9.974 406	3	522	
479	9.523 045	22	9.548 643	25	0.451 357	9.974 403	3	521	
		21		24			3		
.480	9.523 067	21	9.548 667	24	0.451 333	9.974 400	2	.520	
481	9.523 088	22	9.548 691	24	0.451 309	9.974 398	3	519	
482	9.523 110	21	9.548 715	24	0.451 285	9.974 395	3	518	
483	9.523 131	21	9.548 739	24	0.451 261	9.974 392	3	517	
		22		24			3		
484	9.523 153	21	9.548 763	24	0.451 237	9.974 389	2	516	
485	9.523 174	21	9.548 787	24	0.451 213	9.974 387	3	515	
486	9.523 195	21	9.548 811	24	0.451 189	9.974 384	3	514	
		22		24			3		
487	9.523 217	21	9.548 835	25	0.451 165	9.974 381	2	513	
488	9.523 238	22	9.548 860	24	0.451 140	9.974 379	3	512	
489	9.523 260	22	9.548 884	24	0.451 116	9.974 376	3	511	
		21		24			3		21
.490	9.523 281	22	9.548 908	24	0.451 092	9.974 373	2	.510	
491	9.523 303	21	9.548 932	24	0.451 068	9.974 371	3	509	1 2.1
492	9.523 324	21	9.548 956	24	0.451 044	9.974 368	3	508	2 4.2
493	9.523 345	21	9.548 980	24	0.451 020	9.974 365	3	507	3 6.3
		22		24			2		4 8.4
494	9.523 367	21	9.549 004	24	0.450 996	9.974 363	3	506	5 10.5
495	9.523 388	22	9.549 028	24	0.450 972	9.974 360	3	505	6 12.6
496	9.523 410	22	9.549 052	24	0.450 948	9.974 357	3	504	7 14.7
		21		24			2		8 16.8
497	9.523 431	21	9.549 076	25	0.450 924	9.974 355	3	503	9 18.9
498	9.523 452	21	9.549 101	24	0.450 899	9.974 352	3	502	
499	9.523 474	22	9.549 125	24	0.450 875	9.974 349	3	501	
		21		24			2		
.500	9.523 495	21	9.549 149	24	0.450 851	9.974 347	2	.500	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.550 — 70°.500

19°.500 — 19°.550

19°	sin	d	tang	d	cotg	cos	d		P.P.
19°									
.500	9.523 495		9.549 149		0.450 851	9.974 347		.500	
501	9.523 517	22	9.549 173	24	0.450 827	9.974 344	3	499	
502	9.523 538	21	9.549 197	24	0.450 803	9.974 341	3	498	
503	9.523 559	21	9.549 221	24	0.450 779	9.974 338	3	497	
504	9.523 581	22	9.549 245	24	0.450 755	9.974 336	2	496	25
505	9.523 602	21	9.549 269	24	0.450 731	9.974 333	3	495	1 2.5
506	9.523 624	22	9.549 293	24	0.450 707	9.974 330	3	494	2 5.0
507	9.523 645	21	9.549 317	24	0.450 683	9.974 328	2	493	3 7.5
508	9.523 666	21	9.549 341	24	0.450 659	9.974 325	3	492	4 10.0
509	9.523 688	22	9.549 365	24	0.450 635	9.974 322	3	491	5 12.5
.510	9.523 709	21	9.549 390	25	0.450 610	9.974 320	2	.490	6 15.0
511	9.523 731	22	9.549 414	24	0.450 586	9.974 317	3	489	7 17.5
512	9.523 752	21	9.549 438	24	0.450 562	9.974 314	3	488	8 20.0
513	9.523 773	21	9.549 462	24	0.450 538	9.974 312	2	487	9 22.5
514	9.523 795	22	9.549 486	24	0.450 514	9.974 309	3	486	
515	9.523 816	21	9.549 510	24	0.450 490	9.974 306	3	485	
516	9.523 838	22	9.549 534	24	0.450 466	9.974 304	2	484	24
517	9.523 859	21	9.549 558	24	0.450 442	9.974 301	3	483	1 2.4
518	9.523 880	21	9.549 582	24	0.450 418	9.974 298	3	482	2 4.8
519	9.523 902	22	9.549 606	24	0.450 394	9.974 296	2	481	3 7.2
.520	9.523 923	21	9.549 630	24	0.450 370	9.974 293	3	.480	4 9.6
521	9.523 944	21	9.549 654	24	0.450 346	9.974 290	3	479	5 12.0
522	9.523 966	22	9.549 678	24	0.450 322	9.974 287	3	478	6 14.4
523	9.523 987	21	9.549 702	24	0.450 298	9.974 285	2	477	7 16.8
524	9.524 009	22	9.549 727	25	0.450 273	9.974 282	3	476	8 19.2
525	9.524 030	21	9.549 751	24	0.450 249	9.974 279	3	475	9 21.6
526	9.524 051	21	9.549 775	24	0.450 225	9.974 277	2	474	
527	9.524 073	22	9.549 799	24	0.450 201	9.974 274	3	473	
528	9.524 094	21	9.549 823	24	0.450 177	9.974 271	3	472	22
529	9.524 115	21	9.549 847	24	0.450 153	9.974 269	2	471	1 2.2
.530	9.524 137	22	9.549 871	24	0.450 129	9.974 266	3	.470	2 4.4
531	9.524 158	21	9.549 895	24	0.450 105	9.974 263	3	469	3 6.6
532	9.524 180	22	9.549 919	24	0.450 081	9.974 261	3	468	4 8.8
533	9.524 201	21	9.549 943	24	0.450 057	9.974 258	3	467	5 11.0
534	9.524 222	21	9.549 967	24	0.450 033	9.974 255	3	466	6 13.2
535	9.524 244	22	9.549 991	24	0.450 009	9.974 253	2	465	7 15.4
536	9.524 265	21	9.550 015	24	0.449 985	9.974 250	3	464	8 17.6
537	9.524 286	21	9.550 039	24	0.449 961	9.974 247	3	463	9 19.8
538	9.524 308	22	9.550 063	24	0.449 937	9.974 244	3	462	
539	9.524 329	21	9.550 087	24	0.449 913	9.974 242	2	461	
.540	9.524 351	22	9.550 111	24	0.449 889	9.974 239	3	.460	21
541	9.524 372	21	9.550 135	24	0.449 865	9.974 236	3	459	1 2.1
542	9.524 393	21	9.550 160	25	0.449 840	9.974 234	3	458	2 4.2
543	9.524 415	22	9.550 184	24	0.449 816	9.974 231	2	457	3 6.3
544	9.524 436	22	9.550 208	24	0.449 792	9.974 228	3	456	4 8.4
545	9.524 457	21	9.550 232	24	0.449 768	9.974 226	3	455	5 10.5
546	9.524 479	22	9.550 256	24	0.449 744	9.974 223	2	454	6 12.6
547	9.524 500	21	9.550 280	24	0.449 720	9.974 220	3	453	7 14.7
548	9.524 521	21	9.550 304	24	0.449 696	9.974 218	2	452	8 16.8
549	9.524 543	22	9.550 328	24	0.449 672	9.974 215	3	451	9 18.9
.550	9.524 564	21	9.550 352	24	0.449 648	9.974 212	3	.450	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.500 — 70°.450

19°.550 — 19°.600

19°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.524 564		9.550 352		0.449 648	9.974 212		.450	
551	9.524 585	21	9.550 376	24	0.449 624	9.974 209	3	449	
552	9.524 607	22	9.550 400	24	0.449 600	9.974 207	2	448	25
553	9.524 628	21	9.550 424	24	0.449 576	9.974 204	3	447	1 2.5
		21		24			3		2 5.0
554	9.524 649	22	9.550 448	24	0.449 552	9.974 201	2	446	3 7.5
555	9.524 671	21	9.550 472	24	0.449 528	9.974 199	3	445	4 10.0
556	9.524 692	21	9.550 496	24	0.449 504	9.974 196	3	444	5 12.5
		21		24			3		6 15.0
557	9.524 713	22	9.550 520	24	0.449 480	9.974 193	2	443	7 17.5
558	9.524 735	21	9.550 544	24	0.449 456	9.974 191	3	442	8 20.0
559	9.524 756	21	9.550 568	24	0.449 432	9.974 188	3	441	9 22.5
		21		24			3		
.560	9.524 777	22	9.550 592	24	0.449 408	9.974 185	2	.440	
		21		24			3		24
561	9.524 799	21	9.550 616	24	0.449 384	9.974 183	3	439	
562	9.524 820	21	9.550 640	24	0.449 360	9.974 180	3	438	
563	9.524 841	22	9.550 664	24	0.449 336	9.974 177	3	437	1 2.4
		21		24			3		2 4.8
564	9.524 863	21	9.550 688	24	0.449 312	9.974 174	2	436	3 7.2
565	9.524 884	21	9.550 712	24	0.449 288	9.974 172	3	435	4 9.6
566	9.524 905	22	9.550 736	24	0.449 264	9.974 169	3	434	5 12.0
		21		24			3		6 14.4
567	9.524 927	21	9.550 760	24	0.449 240	9.974 166	2	433	7 16.8
568	9.524 948	21	9.550 784	24	0.449 216	9.974 164	3	432	8 19.2
569	9.524 969	22	9.550 808	24	0.449 192	9.974 161	3	431	9 21.6
		21		24			3		
.570	9.524 991	21	9.550 832	24	0.449 168	9.974 158	2	.430	
		21		24			3		23
571	9.525 012	21	9.550 856	24	0.449 144	9.974 156	3	429	
572	9.525 033	22	9.550 880	24	0.449 120	9.974 153	3	428	
573	9.525 055	21	9.550 904	24	0.449 096	9.974 150	2	427	1 2.3
		21		24			2		2 4.6
574	9.525 076	21	9.550 928	24	0.449 072	9.974 148	3	426	3 6.9
575	9.525 097	22	9.550 952	24	0.449 048	9.974 145	3	425	4 9.2
576	9.525 119	21	9.550 976	24	0.449 024	9.974 142	3	424	5 11.5
		21		24			3		6 13.8
577	9.525 140	21	9.551 000	25	0.449 000	9.974 139	2	423	7 16.1
578	9.525 161	22	9.551 025	24	0.448 975	9.974 137	3	422	8 18.4
579	9.525 183	21	9.551 049	24	0.448 951	9.974 134	3	421	9 20.7
		21		24			3		
.580	9.525 204	21	9.551 073	24	0.448 927	9.974 131	2	.420	
		21		24			3		22
581	9.525 225	21	9.551 097	24	0.448 903	9.974 129	3	419	
582	9.525 246	22	9.551 121	24	0.448 879	9.974 126	3	418	
583	9.525 268	21	9.551 145	24	0.448 855	9.974 123	2	417	1 2.2
		21		24			2		2 4.4
584	9.525 289	21	9.551 169	24	0.448 831	9.974 121	3	416	3 6.6
585	9.525 310	22	9.551 193	24	0.448 807	9.974 118	3	415	4 8.8
586	9.525 332	21	9.551 217	24	0.448 783	9.974 115	3	414	5 11.0
		21		24			3		6 13.2
587	9.525 353	21	9.551 241	24	0.448 759	9.974 112	2	413	7 15.4
588	9.525 374	22	9.551 265	24	0.448 735	9.974 110	3	412	8 17.6
589	9.525 396	21	9.551 289	24	0.448 711	9.974 107	3	411	9 19.8
		21		24			3		
.590	9.525 417	21	9.551 313	24	0.448 687	9.974 104	2	.410	
		21		24			3		21
591	9.525 438	21	9.551 337	24	0.448 663	9.974 102	3	409	
592	9.525 459	22	9.551 361	24	0.448 639	9.974 099	3	408	
593	9.525 481	21	9.551 385	24	0.448 615	9.974 096	2	407	1 2.1
		21		24			2		2 4.2
594	9.525 502	21	9.551 409	23	0.448 591	9.974 094	3	406	3 6.3
595	9.525 523	22	9.551 432	24	0.448 568	9.974 091	3	405	4 8.4
596	9.525 545	21	9.551 456	24	0.448 544	9.974 088	3	404	5 10.5
		21		24			3		6 12.6
597	9.525 566	21	9.551 480	24	0.448 520	9.974 085	2	403	7 14.7
598	9.525 587	22	9.551 504	24	0.448 496	9.974 083	3	402	8 16.8
599	9.525 609	21	9.551 528	24	0.448 472	9.974 080	3	401	9 18.9
		21		24			3		
.600	9.525 630		9.551 552		0.448 448	9.974 077		.400	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.450 — 70°.400

19°.600 — 19°.650

19°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.525 630		9.551 552		0.448 448	9.974 077		.400	
601	9.525 651	21	9.551 576	24	0.448 424	9.974 075	2	399	
602	9.525 672	21	9.551 600	24	0.448 400	9.974 072	3	398	
603	9.525 694	22	9.551 624	24	0.448 376	9.974 069	3	397	
604	9.525 715	21	9.551 648	24	0.448 352	9.974 067	2	396	24
605	9.525 736	21	9.551 672	24	0.448 328	9.974 064	3	395	1 2.4
606	9.525 758	22	9.551 696	24	0.448 304	9.974 061	3	394	2 4.8
607	9.525 779	21	9.551 720	24	0.448 280	9.974 058	3	393	3 7.2
608	9.525 800	21	9.551 744	24	0.448 256	9.974 056	2	392	4 9.6
609	9.525 821	21	9.551 768	24	0.448 232	9.974 053	3	391	5 12.0
.610	9.525 843	22	9.551 792	24	0.448 208	9.974 050	3	.390	6 14.4
611	9.525 864	21	9.551 816	24	0.448 184	9.974 048	2	389	7 16.8
612	9.525 885	21	9.551 840	24	0.448 160	9.974 045	3	388	8 19.2
613	9.525 906	21	9.551 864	24	0.448 136	9.974 042	3	387	9 21.6
614	9.525 928	22	9.551 888	24	0.448 112	9.974 040	2	386	
615	9.525 949	21	9.551 912	24	0.448 088	9.974 037	3	385	
616	9.525 970	21	9.551 936	24	0.448 064	9.974 034	3	384	23
617	9.525 992	22	9.551 960	24	0.448 040	9.974 031	3	383	1 2.3
618	9.526 013	21	9.551 984	24	0.448 016	9.974 029	2	382	2 4.6
619	9.526 034	21	9.552 008	24	0.447 992	9.974 026	3	381	3 6.9
.620	9.526 055	21	9.552 032	24	0.447 968	9.974 023	3	.380	4 9.2
621	9.526 077	22	9.552 056	24	0.447 944	9.974 021	2	379	5 11.5
622	9.526 098	21	9.552 080	24	0.447 920	9.974 018	3	378	6 13.8
623	9.526 119	21	9.552 104	24	0.447 896	9.974 015	3	377	7 16.1
624	9.526 140	21	9.552 128	24	0.447 872	9.974 013	2	376	8 18.4
625	9.526 162	22	9.552 152	24	0.447 848	9.974 010	3	375	9 20.7
626	9.526 183	21	9.552 176	24	0.447 824	9.974 007	3	374	
627	9.526 204	21	9.552 200	24	0.447 800	9.974 004	3	373	
628	9.526 225	21	9.552 224	24	0.447 776	9.974 002	2	372	22
629	9.526 247	22	9.552 248	24	0.447 752	9.973 999	3	371	1 2.2
.630	9.526 268	21	9.552 272	24	0.447 728	9.973 996	3	.370	2 4.4
631	9.526 289	21	9.552 296	24	0.447 704	9.973 994	2	369	3 6.6
632	9.526 310	21	9.552 319	23	0.447 681	9.973 991	3	368	4 8.8
633	9.526 332	22	9.552 343	24	0.447 657	9.973 988	3	367	5 11.0
634	9.526 353	21	9.552 367	24	0.447 633	9.973 986	2	366	6 13.2
635	9.526 374	21	9.552 391	24	0.447 609	9.973 983	3	365	7 15.4
636	9.526 395	21	9.552 415	24	0.447 585	9.973 980	3	364	8 17.6
637	9.526 417	22	9.552 439	24	0.447 561	9.973 977	3	363	9 19.8
638	9.526 438	21	9.552 463	24	0.447 537	9.973 975	2	362	
639	9.526 459	21	9.552 487	24	0.447 513	9.973 972	3	361	
.640	9.526 480	21	9.552 511	24	0.447 489	9.973 969	3	.360	21
641	9.526 502	22	9.552 535	24	0.447 465	9.973 967	2	359	1 2.1
642	9.526 523	21	9.552 559	24	0.447 441	9.973 964	3	358	2 4.2
643	9.526 544	21	9.552 583	24	0.447 417	9.973 961	3	357	3 6.3
644	9.526 565	21	9.552 607	24	0.447 393	9.973 958	3	356	4 8.4
645	9.526 587	22	9.552 631	24	0.447 369	9.973 956	3	355	5 10.5
646	9.526 608	21	9.552 655	24	0.447 345	9.973 953	2	354	6 12.6
647	9.526 629	21	9.552 679	24	0.447 321	9.973 950	3	353	7 14.7
648	9.526 650	21	9.552 703	24	0.447 297	9.973 948	3	352	8 16.8
649	9.526 671	21	9.552 727	24	0.447 273	9.973 945	2	351	9 18.9
.650	9.526 693	22	9.552 750	23	0.447 250	9.973 942	3	.350	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.400 — 70°.350

19°.650 — 19°.700

19°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.526 693		9.552 750		0.447 250	9.973 942		.350	
651	9.526 714	21	9.552 774	24	0.447 226	9.973 940	2	349	
652	9.526 735	21	9.552 798	24	0.447 202	9.973 937	3	348	
653	9.526 756	21	9.552 822	24	0.447 178	9.973 934	3	347	
654	9.526 778	22	9.552 846	24	0.447 154	9.973 931	3	346	24
655	9.526 799	21	9.552 870	24	0.447 130	9.973 929	2	345	1 2.4
656	9.526 820	21	9.552 894	24	0.447 106	9.973 926	3	344	2 4.8
657	9.526 841	21	9.552 918	24	0.447 082	9.973 923	3	343	3 7.2
658	9.526 862	21	9.552 942	24	0.447 058	9.973 921	2	342	4 9.6
659	9.526 884	22	9.552 966	24	0.447 034	9.973 918	3	341	5 12.0
.660	9.526 905	21	9.552 990	24	0.447 010	9.973 915	3	.340	6 14.4
661	9.526 926	21	9.553 014	24	0.446 986	9.973 912	3	339	7 16.8
662	9.526 947	21	9.553 038	24	0.446 962	9.973 910	2	338	8 19.2
663	9.526 969	22	9.553 062	24	0.446 938	9.973 907	3	337	9 21.6
664	9.526 990	21	9.553 085	23	0.446 915	9.973 904	3	336	
665	9.527 011	21	9.553 109	24	0.446 891	9.973 902	2	335	
666	9.527 032	21	9.553 133	24	0.446 867	9.973 899	3	334	23
667	9.527 053	21	9.553 157	24	0.446 843	9.973 896	3	333	1 2.3
668	9.527 075	22	9.553 181	24	0.446 819	9.973 894	2	332	2 4.6
669	9.527 096	21	9.553 205	24	0.446 795	9.973 891	3	331	3 6.9
.670	9.527 117	21	9.553 229	24	0.446 771	9.973 888	3	.330	4 9.2
671	9.527 138	21	9.553 253	24	0.446 747	9.973 885	3	329	5 11.5
672	9.527 159	21	9.553 277	24	0.446 723	9.973 883	2	328	6 13.8
673	9.527 181	22	9.553 301	24	0.446 699	9.973 880	3	327	7 16.1
674	9.527 202	21	9.553 325	24	0.446 675	9.973 877	3	326	8 18.4
675	9.527 223	21	9.553 348	23	0.446 652	9.973 875	2	325	9 20.7
676	9.527 244	21	9.553 372	24	0.446 628	9.973 872	3	324	
677	9.527 265	21	9.553 396	24	0.446 604	9.973 869	3	323	
678	9.527 287	22	9.553 420	24	0.446 580	9.973 866	3	322	22
679	9.527 308	21	9.553 444	24	0.446 556	9.973 864	2	321	1 2.2
.680	9.527 329	21	9.553 468	24	0.446 532	9.973 861	3	.320	2 4.4
681	9.527 350	21	9.553 492	24	0.446 508	9.973 858	3	319	3 6.6
682	9.527 371	21	9.553 516	24	0.446 484	9.973 856	2	318	4 8.8
683	9.527 393	22	9.553 540	24	0.446 460	9.973 853	3	317	5 11.0
684	9.527 414	21	9.553 564	24	0.446 436	9.973 850	3	316	6 13.2
685	9.527 435	21	9.553 588	24	0.446 412	9.973 847	3	315	7 15.4
686	9.527 456	21	9.553 611	23	0.446 389	9.973 845	2	314	8 17.6
687	9.527 477	21	9.553 635	24	0.446 365	9.973 842	3	313	9 19.8
688	9.527 499	22	9.553 659	24	0.446 341	9.973 839	3	312	
689	9.527 520	21	9.553 683	24	0.446 317	9.973 837	2	311	
.690	9.527 541	21	9.553 707	24	0.446 293	9.973 834	3	.310	21
691	9.527 562	21	9.553 731	24	0.446 269	9.973 831	3	309	1 2.1
692	9.527 583	21	9.553 755	24	0.446 245	9.973 828	3	308	2 4.2
693	9.527 604	21	9.553 779	24	0.446 221	9.973 826	2	307	3 6.3
694	9.527 626	22	9.553 803	24	0.446 197	9.973 823	3	306	4 8.4
695	9.527 647	21	9.553 826	23	0.446 174	9.973 820	3	305	5 10.5
696	9.527 668	21	9.553 850	24	0.446 150	9.973 818	2	304	6 12.6
697	9.527 689	21	9.553 874	24	0.446 126	9.973 815	3	303	7 14.7
698	9.527 710	21	9.553 898	24	0.446 102	9.973 812	3	302	8 16.8
699	9.527 731	21	9.553 922	24	0.446 078	9.973 809	3	301	9 18.9
.700	9.527 753	22	9.553 946	24	0.446 054	9.973 807	2	.300	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.350 — 70°.300

19°.700 — 19°.750

19°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.527 753		9.553 946		0.446 054	9.973 807		.300	
701	9.527 774	21	9.553 970	24	0.446 030	9.973 804	3	299	
702	9.527 795	21	9.553 994	24	0.446 006	9.973 801	3	298	
703	9.527 816	21	9.554 018	24	0.445 982	9.973 799	2	297	
704	9.527 837	21	9.554 041	23	0.445 959	9.973 796	3	296	24
705	9.527 858	21	9.554 065	24	0.445 935	9.973 793	3	295	1 2.4
706	9.527 880	22	9.554 089	24	0.445 911	9.973 790	3	294	2 4.8
707	9.527 901	21	9.554 113	24	0.445 887	9.973 788	2	293	3 7.2
708	9.527 922	21	9.554 137	24	0.445 863	9.973 785	3	292	4 9.6
709	9.527 943	21	9.554 161	24	0.445 839	9.973 782	3	291	5 12.0
.710	9.527 964	21	9.554 185	24	0.445 815	9.973 780	2	.290	6 14.4
711	9.527 985	21	9.554 209	24	0.445 791	9.973 777	3	289	7 16.8
712	9.528 007	22	9.554 232	23	0.445 768	9.973 774	3	288	8 19.2
713	9.528 028	21	9.554 256	24	0.445 744	9.973 771	3	287	9 21.6
714	9.528 049	21	9.554 280	24	0.445 720	9.973 769	2	286	
715	9.528 070	21	9.554 304	24	0.445 696	9.973 766	3	285	
716	9.528 091	21	9.554 328	24	0.445 672	9.973 763	3	284	23
717	9.528 112	21	9.554 352	24	0.445 648	9.973 761	2	283	1 2.3
718	9.528 134	22	9.554 376	24	0.445 624	9.973 758	3	282	2 4.6
719	9.528 155	21	9.554 400	24	0.445 600	9.973 755	3	281	3 6.9
.720	9.528 176	21	9.554 423	23	0.445 577	9.973 752	3	.280	4 9.2
721	9.528 197	21	9.554 447	24	0.445 553	9.973 750	2	279	5 11.5
722	9.528 218	21	9.554 471	24	0.445 529	9.973 747	3	278	6 13.8
723	9.528 239	21	9.554 495	24	0.445 505	9.973 744	3	277	7 16.1
724	9.528 260	21	9.554 519	24	0.445 481	9.973 742	2	276	8 18.4
725	9.528 282	22	9.554 543	24	0.445 457	9.973 739	3	275	9 20.7
726	9.528 303	21	9.554 567	24	0.445 433	9.973 736	3	274	
727	9.528 324	21	9.554 590	23	0.445 410	9.973 733	3	273	
728	9.528 345	21	9.554 614	24	0.445 386	9.973 731	2	272	22
729	9.528 366	21	9.554 638	24	0.445 362	9.973 728	3	271	1 2.2
.730	9.528 387	21	9.554 662	24	0.445 338	9.973 725	3	.270	2 4.4
731	9.528 408	21	9.554 686	24	0.445 314	9.973 723	2	269	3 6.6
732	9.528 429	21	9.554 710	24	0.445 290	9.973 720	3	268	4 8.8
733	9.528 451	22	9.554 734	24	0.445 266	9.973 717	3	267	5 11.0
734	9.528 472	21	9.554 757	23	0.445 243	9.973 714	3	266	6 13.2
735	9.528 493	21	9.554 781	24	0.445 219	9.973 712	3	265	7 15.4
736	9.528 514	21	9.554 805	24	0.445 195	9.973 709	3	264	8 17.6
737	9.528 535	21	9.554 829	24	0.445 171	9.973 706	2	263	9 19.8
738	9.528 556	21	9.554 853	24	0.445 147	9.973 703	3	262	
739	9.528 577	21	9.554 877	24	0.445 123	9.973 701	3	261	
.740	9.528 599	22	9.554 900	23	0.445 100	9.973 698	3	.260	21
741	9.528 620	21	9.554 924	24	0.445 076	9.973 695	3	259	1 2.1
742	9.528 641	21	9.554 948	24	0.445 052	9.973 693	3	258	2 4.2
743	9.528 662	21	9.554 972	24	0.445 028	9.973 690	2	257	3 6.3
744	9.528 683	21	9.554 996	24	0.445 004	9.973 687	3	256	4 8.4
745	9.528 704	21	9.555 020	24	0.444 980	9.973 684	3	255	5 10.5
746	9.528 725	21	9.555 043	23	0.444 957	9.973 682	2	254	6 12.6
747	9.528 746	21	9.555 067	24	0.444 933	9.973 679	3	253	7 14.7
748	9.528 767	21	9.555 091	24	0.444 909	9.973 676	3	252	8 16.8
749	9.528 789	22	9.555 115	24	0.444 885	9.973 674	2	251	9 18.9
.750	9.528 810	21	9.555 139	24	0.444 861	9.973 671	3	.250	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.300 — 70°.250

19°.750 — 19°.800

19°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.528 810		9.555 139		0.444 861	9.973 671		.250	
751	9.528 831	21	9.555 163	24	0.444 837	9.973 668	3	249	
752	9.528 852	21	9.555 186	23	0.444 814	9.973 665	3	248	
753	9.528 873	21	9.555 210	24	0.444 790	9.973 663	2	247	
754	9.528 894	21	9.555 234	24	0.444 766	9.973 660	3	246	24
755	9.528 915	21	9.555 258	24	0.444 742	9.973 657	3	245	1 2.4
756	9.528 936	21	9.555 282	24	0.444 718	9.973 655	2	244	2 4.8
757	9.528 957	22	9.555 306	24	0.444 694	9.973 652	3	243	3 7.2
758	9.528 979	21	9.555 329	23	0.444 671	9.973 649	3	242	4 9.6
759	9.529 000	21	9.555 353	24	0.444 647	9.973 646	3	241	5 12.0
.760	9.529 021	21	9.555 377	24	0.444 623	9.973 644	2	.240	6 14.4
761	9.529 042	21	9.555 401	24	0.444 599	9.973 641	3	239	7 16.8
762	9.529 063	21	9.555 425	24	0.444 575	9.973 638	3	238	8 19.2
763	9.529 084	21	9.555 449	24	0.444 551	9.973 635	3	237	9 21.6
764	9.529 105	21	9.555 472	23	0.444 528	9.973 633	2	236	
765	9.529 126	21	9.555 496	24	0.444 504	9.973 630	3	235	
766	9.529 147	21	9.555 520	24	0.444 480	9.973 627	3	234	23
767	9.529 168	21	9.555 544	24	0.444 456	9.973 625	2	233	1 2.3
768	9.529 190	22	9.555 568	24	0.444 432	9.973 622	3	232	2 4.6
769	9.529 211	21	9.555 591	23	0.444 409	9.973 619	3	231	3 6.9
.770	9.529 232	21	9.555 615	24	0.444 385	9.973 616	3	.230	4 9.2
771	9.529 253	21	9.555 639	24	0.444 361	9.973 614	2	229	5 11.5
772	9.529 274	21	9.555 663	24	0.444 337	9.973 611	3	228	6 13.8
773	9.529 295	21	9.555 687	24	0.444 313	9.973 608	3	227	7 16.1
774	9.529 316	21	9.555 711	24	0.444 289	9.973 605	3	226	8 18.4
775	9.529 337	21	9.555 734	23	0.444 266	9.973 603	2	225	9 20.7
776	9.529 358	21	9.555 758	24	0.444 242	9.973 600	3	224	
777	9.529 379	21	9.555 782	24	0.444 218	9.973 597	3	223	
778	9.529 400	21	9.555 806	24	0.444 194	9.973 595	2	222	22
779	9.529 421	21	9.555 830	24	0.444 170	9.973 592	3	221	1 2.2
.780	9.529 443	22	9.555 853	23	0.444 147	9.973 589	3	.220	2 4.4
781	9.529 464	21	9.555 877	24	0.444 123	9.973 586	3	219	3 6.6
782	9.529 485	21	9.555 901	24	0.444 099	9.973 584	2	218	4 8.8
783	9.529 506	21	9.555 925	24	0.444 075	9.973 581	3	217	5 11.0
784	9.529 527	21	9.555 949	24	0.444 051	9.973 578	3	216	6 13.2
785	9.529 548	21	9.555 972	23	0.444 028	9.973 576	2	215	7 15.4
786	9.529 569	21	9.555 996	24	0.444 004	9.973 573	3	214	8 17.6
787	9.529 590	21	9.556 020	24	0.443 980	9.973 570	3	213	9 19.8
788	9.529 611	21	9.556 044	24	0.443 956	9.973 567	3	212	
789	9.529 632	21	9.556 068	24	0.443 932	9.973 565	2	211	
.790	9.529 653	21	9.556 091	23	0.443 909	9.973 562	3	.210	21
791	9.529 674	21	9.556 115	24	0.443 885	9.973 559	3	209	1 2.1
792	9.529 695	21	9.556 139	24	0.443 861	9.973 556	3	208	2 4.2
793	9.529 716	21	9.556 163	24	0.443 837	9.973 554	2	207	3 6.3
794	9.529 737	21	9.556 187	24	0.443 813	9.973 551	3	206	4 8.4
795	9.529 759	22	9.556 210	23	0.443 790	9.973 548	3	205	5 10.5
796	9.529 780	21	9.556 234	24	0.443 766	9.973 546	2	204	6 12.6
797	9.529 801	21	9.556 258	24	0.443 742	9.973 543	3	203	7 14.7
798	9.529 822	21	9.556 282	24	0.443 718	9.973 540	3	202	8 16.8
799	9.529 843	21	9.556 305	23	0.443 695	9.973 537	3	201	9 18.9
.800	9.529 864	21	9.556 329	24	0.443 671	9.973 535	2	.200	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.250 — 70°.200

19°.800 — 19°.850

19°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.529 864		9.556 329		0.443 671	9.973 535		.200	
801	9.529 885	21	9.556 353	24	0.443 647	9.973 532	3	199	
802	9.529 906	21	9.556 377	24	0.443 623	9.973 529	3	198	
803	9.529 927	21	9.556 401	24	0.443 599	9.973 526	3	197	
804	9.529 948	21	9.556 424	23	0.443 576	9.973 524	2	196	24
805	9.529 969	21	9.556 448	24	0.443 552	9.973 521	3	195	1 2.4
806	9.529 990	21	9.556 472	24	0.443 528	9.973 518	3	194	2 4.8
807	9.530 011	21	9.556 496	24	0.443 504	9.973 515	3	193	3 7.2
808	9.530 032	21	9.556 519	23	0.443 481	9.973 513	2	192	4 9.6
809	9.530 053	21	9.556 543	24	0.443 457	9.973 510	3	191	5 12.0
.810	9.530 074	21	9.556 567	24	0.443 433	9.973 507	3	.190	6 14.4
811	9.530 095	21	9.556 591	24	0.443 409	9.973 505	2	189	7 16.8
812	9.530 116	21	9.556 615	24	0.443 385	9.973 502	3	188	8 19.2
813	9.530 137	21	9.556 638	23	0.443 362	9.973 499	3	187	9 21.6
814	9.530 158	21	9.556 662	24	0.443 338	9.973 496	3	186	
815	9.530 179	21	9.556 686	24	0.443 314	9.973 494	2	185	
816	9.530 201	22	9.556 710	24	0.443 290	9.973 491	3	184	23
817	9.530 222	21	9.556 733	23	0.443 267	9.973 488	3	183	1 2.3
818	9.530 243	21	9.556 757	24	0.443 243	9.973 485	3	182	2 4.6
819	9.530 264	21	9.556 781	24	0.443 219	9.973 483	2	181	3 6.9
.820	9.530 285	21	9.556 805	24	0.443 195	9.973 480	3	.180	4 9.2
821	9.530 306	21	9.556 828	23	0.443 172	9.973 477	3	179	5 11.5
822	9.530 327	21	9.556 852	24	0.443 148	9.973 475	2	178	6 13.8
823	9.530 348	21	9.556 876	24	0.443 124	9.973 472	3	177	7 16.1
824	9.530 369	21	9.556 900	24	0.443 100	9.973 469	3	176	8 18.4
825	9.530 390	21	9.556 923	23	0.443 077	9.973 466	3	175	9 20.7
826	9.530 411	21	9.556 947	24	0.443 053	9.973 464	2	174	
827	9.530 432	21	9.556 971	24	0.443 029	9.973 461	3	173	
828	9.530 453	21	9.556 995	24	0.443 005	9.973 458	3	172	22
829	9.530 474	21	9.557 019	24	0.442 981	9.973 455	3	171	1 2.2
.830	9.530 495	21	9.557 042	23	0.442 958	9.973 453	2	.170	2 4.4
831	9.530 516	21	9.557 066	24	0.442 934	9.973 450	3	169	3 6.6
832	9.530 537	21	9.557 090	24	0.442 910	9.973 447	3	168	4 8.8
833	9.530 558	21	9.557 114	24	0.442 886	9.973 444	3	167	5 11.0
834	9.530 579	21	9.557 137	23	0.442 863	9.973 442	2	166	6 13.2
835	9.530 600	21	9.557 161	24	0.442 839	9.973 439	3	165	7 15.4
836	9.530 621	21	9.557 185	24	0.442 815	9.973 436	3	164	8 17.6
837	9.530 642	21	9.557 209	24	0.442 791	9.973 434	2	163	9 19.8
838	9.530 663	21	9.557 232	23	0.442 768	9.973 431	3	162	
839	9.530 684	21	9.557 256	24	0.442 744	9.973 428	3	161	
.840	9.530 705	21	9.557 280	24	0.442 720	9.973 425	3	.160	21
841	9.530 726	21	9.557 303	23	0.442 697	9.973 423	2	159	1 2.1
842	9.530 747	21	9.557 327	24	0.442 673	9.973 420	3	158	2 4.2
843	9.530 768	21	9.557 351	24	0.442 649	9.973 417	3	157	3 6.3
844	9.530 789	21	9.557 375	24	0.442 625	9.973 414	3	156	4 8.4
845	9.530 810	21	9.557 398	23	0.442 602	9.973 412	2	155	5 10.5
846	9.530 831	21	9.557 422	24	0.442 578	9.973 409	3	154	6 12.6
847	9.530 852	21	9.557 446	24	0.442 554	9.973 406	3	153	7 14.7
848	9.530 873	21	9.557 470	24	0.442 530	9.973 403	3	152	8 16.8
849	9.530 894	21	9.557 493	23	0.442 507	9.973 401	2	151	9 18.9
.850	9.530 915	21	9.557 517	24	0.442 483	9.973 398	3	.150	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.200 — 70°.150

19°.850 — 19°.900

19°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.530 915		9.557 517		0.442 483	9.973 398		.150	
851	9.530 936	21	9.557 541	24	0.442 459	9.973 395	3	149	
852	9.530 957	21	9.557 565	24	0.442 435	9.973 392	3	148	
853	9.530 978	21	9.557 588	23	0.442 412	9.973 390	2	147	
854	9.530 999	21	9.557 612	24	0.442 388	9.973 387	3	146	24
855	9.531 020	21	9.557 636	24	0.442 364	9.973 384	3	145	1 2.4
856	9.531 041	21	9.557 659	23	0.442 341	9.973 382	2	144	2 4.8
857	9.531 062	21	9.557 683	24	0.442 317	9.973 379	3	143	3 7.2
858	9.531 083	21	9.557 707	24	0.442 293	9.973 376	3	142	4 9.6
859	9.531 104	21	9.557 731	24	0.442 269	9.973 373	3	141	5 12.0
.860	9.531 125	21	9.557 754	23	0.442 246	9.973 371	2	.140	6 14.4
861	9.531 146	21	9.557 778	24	0.442 222	9.973 368	3	139	7 16.8
862	9.531 167	21	9.557 802	24	0.442 198	9.973 365	3	138	8 19.2
863	9.531 188	21	9.557 826	24	0.442 174	9.973 362	3	137	9 21.6
864	9.531 209	21	9.557 849	23	0.442 151	9.973 360	2	136	
865	9.531 230	21	9.557 873	24	0.442 127	9.973 357	3	135	23
866	9.531 251	21	9.557 897	24	0.442 103	9.973 354	3	134	1 2.3
867	9.531 272	21	9.557 920	23	0.442 080	9.973 351	3	133	2 4.6
868	9.531 293	21	9.557 944	24	0.442 056	9.973 349	2	132	3 6.9
869	9.531 314	21	9.557 968	24	0.442 032	9.973 346	3	131	4 9.2
.870	9.531 335	21	9.557 992	24	0.442 008	9.973 343	3	.130	5 11.5
871	9.531 356	21	9.558 015	23	0.441 985	9.973 340	3	129	6 13.8
872	9.531 377	21	9.558 039	24	0.441 961	9.973 338	2	128	7 16.1
873	9.531 398	21	9.558 063	24	0.441 937	9.973 335	3	127	8 18.4
874	9.531 419	21	9.558 086	23	0.441 914	9.973 332	3	126	9 20.7
875	9.531 440	21	9.558 110	24	0.441 890	9.973 330	2	125	
876	9.531 461	21	9.558 134	24	0.441 866	9.973 327	3	124	
877	9.531 482	21	9.558 158	24	0.441 842	9.973 324	3	123	21
878	9.531 503	21	9.558 181	23	0.441 819	9.973 321	3	122	1 2.1
879	9.531 523	20	9.558 205	24	0.441 795	9.973 319	2	121	2 4.2
.880	9.531 544	21	9.558 229	24	0.441 771	9.973 316	3	.120	3 6.3
881	9.531 565	21	9.558 252	23	0.441 748	9.973 313	3	119	4 8.4
882	9.531 586	21	9.558 276	24	0.441 724	9.973 310	3	118	5 10.5
883	9.531 607	21	9.558 300	24	0.441 700	9.973 308	2	117	6 12.6
884	9.531 628	21	9.558 323	23	0.441 677	9.973 305	3	116	7 14.7
885	9.531 649	21	9.558 347	24	0.441 653	9.973 302	3	115	8 16.8
886	9.531 670	21	9.558 371	24	0.441 629	9.973 299	3	114	9 18.9
887	9.531 691	21	9.558 395	24	0.441 605	9.973 297	2	113	
888	9.531 712	21	9.558 418	23	0.441 582	9.973 294	3	112	
889	9.531 733	21	9.558 442	24	0.441 558	9.973 291	3	111	20
.890	9.531 754	21	9.558 466	24	0.441 534	9.973 288	3	.110	1 2.0
891	9.531 775	21	9.558 489	23	0.441 511	9.973 286	2	109	2 4.0
892	9.531 796	21	9.558 513	24	0.441 487	9.973 283	3	108	3 6.0
893	9.531 817	21	9.558 537	24	0.441 463	9.973 280	3	107	4 8.0
894	9.531 838	21	9.558 560	23	0.441 440	9.973 277	3	106	5 10.0
895	9.531 859	21	9.558 584	24	0.441 416	9.973 275	2	105	6 12.0
896	9.531 880	21	9.558 608	24	0.441 392	9.973 272	3	104	7 14.0
897	9.531 901	21	9.558 631	23	0.441 369	9.973 269	3	103	8 16.0
898	9.531 922	21	9.558 655	24	0.441 345	9.973 266	3	102	9 18.0
899	9.531 943	21	9.558 679	24	0.441 321	9.973 264	2	101	
.900	9.531 963	20	9.558 703	24	0.441 297	9.973 261	3	.100	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.150 — 70°.100

19°.900 — 19°.950

19°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.531 963		9.558 703		0.441 297	9.973 261		.100	
901	9.531 984	21	9.558 726	23	0.441 274	9.973 258	3	099	
902	9.532 005	21	9.558 750	24	0.441 250	9.973 255	3	098	
903	9.532 026	21	9.558 774	24	0.441 226	9.973 253	2	097	
904	9.532 047	21	9.558 797	23	0.441 203	9.973 250	3	096	24
905	9.532 068	21	9.558 821	24	0.441 179	9.973 247	3	095	1 2.4
906	9.532 089	21	9.558 845	24	0.441 155	9.973 244	3	094	2 4.8
907	9.532 110	21	9.558 868	23	0.441 132	9.973 242	2	093	3 7.2
908	9.532 131	21	9.558 892	24	0.441 108	9.973 239	3	092	4 9.6
909	9.532 152	21	9.558 916	24	0.441 084	9.973 236	3	091	5 12.0
.910	9.532 173	21	9.558 939	23	0.441 061	9.973 234	2	.090	6 14.4
911	9.532 194	21	9.558 963	24	0.441 037	9.973 231	3	089	7 16.8
912	9.532 215	21	9.558 987	24	0.441 013	9.973 228	3	088	8 19.2
913	9.532 236	21	9.559 010	23	0.440 990	9.973 225	3	087	9 21.6
914	9.532 256	20	9.559 034	24	0.440 966	9.973 223	2	086	
915	9.532 277	21	9.559 058	24	0.440 942	9.973 220	3	085	
916	9.532 298	21	9.559 081	23	0.440 919	9.973 217	3	084	23
917	9.532 319	21	9.559 105	24	0.440 895	9.973 214	3	083	1 2.3
918	9.532 340	21	9.559 129	24	0.440 871	9.973 212	2	082	2 4.6
919	9.532 361	21	9.559 152	23	0.440 848	9.973 209	3	081	3 6.9
.920	9.532 382	21	9.559 176	24	0.440 824	9.973 206	3	.080	4 9.2
921	9.532 403	21	9.559 200	24	0.440 800	9.973 203	3	079	5 11.5
922	9.532 424	21	9.559 223	23	0.440 777	9.973 201	2	078	6 13.8
923	9.532 445	21	9.559 247	24	0.440 753	9.973 198	3	077	7 16.1
924	9.532 466	21	9.559 271	24	0.440 729	9.973 195	3	076	8 18.4
925	9.532 487	21	9.559 294	23	0.440 706	9.973 192	3	075	9 20.7
926	9.532 507	20	9.559 318	24	0.440 682	9.973 190	2	074	
927	9.532 528	21	9.559 342	24	0.440 658	9.973 187	3	073	
928	9.532 549	21	9.559 365	23	0.440 635	9.973 184	3	072	21
929	9.532 570	21	9.559 389	24	0.440 611	9.973 181	3	071	1 2.1
.930	9.532 591	21	9.559 413	24	0.440 587	9.973 179	2	.070	2 4.2
931	9.532 612	21	9.559 436	23	0.440 564	9.973 176	3	069	3 6.3
932	9.532 633	21	9.559 460	24	0.440 540	9.973 173	3	068	4 8.4
933	9.532 654	21	9.559 484	24	0.440 516	9.973 170	3	067	5 10.5
934	9.532 675	21	9.559 507	23	0.440 493	9.973 168	2	066	6 12.6
935	9.532 696	21	9.559 531	24	0.440 469	9.973 165	3	065	7 14.7
936	9.532 717	21	9.559 554	23	0.440 446	9.973 162	3	064	8 16.8
937	9.532 737	20	9.559 578	24	0.440 422	9.973 159	3	063	9 18.9
938	9.532 758	21	9.559 602	24	0.440 398	9.973 157	2	062	
939	9.532 779	21	9.559 625	23	0.440 375	9.973 154	3	061	
.940	9.532 800	21	9.559 649	24	0.440 351	9.973 151	3	.060	20
941	9.532 821	21	9.559 673	24	0.440 327	9.973 148	3	059	1 2.0
942	9.532 842	21	9.559 696	23	0.440 304	9.973 146	3	058	2 4.0
943	9.532 863	21	9.559 720	24	0.440 280	9.973 143	2	057	3 6.0
944	9.532 884	21	9.559 744	24	0.440 256	9.973 140	3	056	4 8.0
945	9.532 905	21	9.559 767	23	0.440 233	9.973 137	3	055	5 10.0
946	9.532 925	20	9.559 791	24	0.440 209	9.973 135	2	054	6 12.0
947	9.532 946	21	9.559 815	24	0.440 185	9.973 132	3	053	7 14.0
948	9.532 967	21	9.559 838	23	0.440 162	9.973 129	3	052	8 16.0
949	9.532 988	21	9.559 862	24	0.440 138	9.973 126	3	051	9 18.0
.950	9.533 009	21	9.559 885	23	0.440 115	9.973 124	2	.050	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.100 — 70°.050

19°.950 — 20°.000

19°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.533 009		9.559 885		0.440 115	9.973 124		.050	
951	9.533 030	21	9.559 909	24	0.440 091	9.973 121	3	049	
952	9.533 051	21	9.559 933	24	0.440 067	9.973 118	3	048	
953	9.533 072	21	9.559 956	23	0.440 044	9.973 115	3	047	
954	9.533 093	21	9.559 980	24	0.440 020	9.973 113	2	046	24
955	9.533 113	20	9.560 004	24	0.439 996	9.973 110	3	045	1 2.4
956	9.533 134	21	9.560 027	23	0.439 973	9.973 107	3	044	2 4.8
957	9.533 155	21	9.560 051	24	0.439 949	9.973 104	3	043	3 7.2
958	9.533 176	21	9.560 074	23	0.439 926	9.973 102	2	042	4 9.6
959	9.533 197	21	9.560 098	24	0.439 902	9.973 099	3	041	5 12.0
.960	9.533 218	21	9.560 122	24	0.439 878	9.973 096	3	.040	6 14.4
961	9.533 239	21	9.560 145	23	0.439 855	9.973 093	3	039	7 16.8
962	9.533 259	20	9.560 169	24	0.439 831	9.973 091	2	038	8 19.2
963	9.533 280	21	9.560 193	24	0.439 807	9.973 088	3	037	9 21.6
964	9.533 301	21	9.560 216	23	0.439 784	9.973 085	3	036	
965	9.533 322	21	9.560 240	24	0.439 760	9.973 082	3	035	23
966	9.533 343	21	9.560 263	23	0.439 737	9.973 080	2	034	1 2.3
967	9.533 364	21	9.560 287	24	0.439 713	9.973 077	3	033	2 4.6
968	9.533 385	21	9.560 311	24	0.439 689	9.973 074	3	032	3 6.9
969	9.533 406	21	9.560 334	23	0.439 666	9.973 071	3	031	4 9.2
.970	9.533 426	20	9.560 358	24	0.439 642	9.973 069	2	.030	5 11.5
971	9.533 447	21	9.560 382	24	0.439 618	9.973 066	3	029	6 13.8
972	9.533 468	21	9.560 405	23	0.439 595	9.973 063	3	028	7 16.1
973	9.533 489	21	9.560 429	24	0.439 571	9.973 060	3	027	8 18.4
974	9.533 510	21	9.560 452	23	0.439 548	9.973 057	3	026	9 20.7
975	9.533 531	21	9.560 476	24	0.439 524	9.973 055	2	025	
976	9.533 552	21	9.560 500	24	0.439 500	9.973 052	3	024	
977	9.533 572	20	9.560 523	23	0.439 477	9.973 049	3	023	21
978	9.533 593	21	9.560 547	24	0.439 453	9.973 046	3	022	1 2.1
979	9.533 614	21	9.560 570	23	0.439 430	9.973 044	2	021	2 4.2
.980	9.533 635	21	9.560 594	24	0.439 406	9.973 041	3	.020	3 6.3
981	9.533 656	21	9.560 618	24	0.439 382	9.973 038	3	019	4 8.4
982	9.533 677	21	9.560 641	23	0.439 359	9.973 035	3	018	5 10.5
983	9.533 697	20	9.560 665	24	0.439 335	9.973 033	2	017	6 12.6
984	9.533 718	21	9.560 688	23	0.439 312	9.973 030	3	016	7 14.7
985	9.533 739	21	9.560 712	24	0.439 288	9.973 027	3	015	8 16.8
986	9.533 760	21	9.560 736	24	0.439 264	9.973 024	3	014	9 18.9
987	9.533 781	21	9.560 759	23	0.439 241	9.973 022	2	013	
988	9.533 802	21	9.560 783	24	0.439 217	9.973 019	3	012	
989	9.533 823	21	9.560 806	23	0.439 194	9.973 016	3	011	
.990	9.533 843	20	9.560 830	24	0.439 170	9.973 013	3	.010	20
991	9.533 864	21	9.560 854	24	0.439 146	9.973 011	2	009	1 2.0
992	9.533 885	21	9.560 877	23	0.439 123	9.973 008	3	008	2 4.0
993	9.533 906	21	9.560 901	24	0.439 099	9.973 005	3	007	3 6.0
994	9.533 927	21	9.560 924	23	0.439 076	9.973 002	3	006	4 8.0
995	9.533 948	21	9.560 948	24	0.439 052	9.973 000	2	005	5 10.0
996	9.533 968	20	9.560 972	24	0.439 028	9.972 997	3	004	6 12.0
997	9.533 989	21	9.560 995	23	0.439 005	9.972 994	3	003	7 14.0
998	9.534 010	21	9.561 019	24	0.438 981	9.972 991	3	002	8 16.0
999	9.534 031	21	9.561 042	23	0.438 958	9.972 989	2	001	9 18.0
*.000	9.534 052	21	9.561 066	24	0.438 934	9.972 986	3	.000	
	cos	d	cotg	d	tang	sin	d	70°	P.P.

70°.050 — 70°.000

20°.000 — 20°.050

20°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.534 052		9.561 066		0.438 934	9.972 986		*.000	
001	9.534 073	21	9.561 089	23	0.438 911	9.972 983	3	999	
002	9.534 093	20	9.561 113	24	0.438 887	9.972 980	3	998	
003	9.534 114	21	9.561 137	24	0.438 863	9.972 978	2	997	
004	9.534 135	21	9.561 160	23	0.438 840	9.972 975	3	996	24
005	9.534 156	21	9.561 184	24	0.438 816	9.972 972	3	995	1 2.4
006	9.534 177	21	9.561 207	23	0.438 793	9.972 969	3	994	2 4.8
007	9.534 197	20	9.561 231	24	0.438 769	9.972 967	2	993	3 7.2
008	9.534 218	21	9.561 255	24	0.438 745	9.972 964	3	992	4 9.6
009	9.534 239	21	9.561 278	23	0.438 722	9.972 961	3	991	5 12.0
.010	9.534 260	21	9.561 302	24	0.438 698	9.972 958	3	.990	6 14.4
		21		23			3		7 16.8
011	9.534 281	21	9.561 325	24	0.438 675	9.972 955	2	989	8 19.2
012	9.534 302	21	9.561 349	24	0.438 651	9.972 953	3	988	9 21.6
013	9.534 322	20	9.561 372	23	0.438 628	9.972 950	3	987	
		21		24			3		
014	9.534 343	21	9.561 396	24	0.438 604	9.972 947	3	986	
015	9.534 364	21	9.561 420	24	0.438 580	9.972 944	3	985	
016	9.534 385	21	9.561 443	23	0.438 557	9.972 942	2	984	23
		21		24			3		
017	9.534 406	20	9.561 467	23	0.438 533	9.972 939	3	983	1 2.3
018	9.534 426	21	9.561 490	24	0.438 510	9.972 936	3	982	2 4.6
019	9.534 447	21	9.561 514	24	0.438 486	9.972 933	3	981	3 6.9
.020	9.534 468	21	9.561 537	23	0.438 463	9.972 931	2	.980	4 9.2
		21		24			3		5 11.5
021	9.534 489	21	9.561 561	24	0.438 439	9.972 928	3	979	6 13.8
022	9.534 510	21	9.561 584	23	0.438 416	9.972 925	3	978	7 16.1
023	9.534 530	20	9.561 608	24	0.438 392	9.972 922	3	977	8 18.4
		21		24			2		9 20.7
024	9.534 551	21	9.561 632	24	0.438 368	9.972 920	3	976	
025	9.534 572	21	9.561 655	23	0.438 345	9.972 917	3	975	
026	9.534 593	21	9.561 679	24	0.438 321	9.972 914	3	974	
		21		23			3		
027	9.534 614	20	9.561 702	24	0.438 298	9.972 911	2	973	21
028	9.534 634	21	9.561 726	24	0.438 274	9.972 909	3	972	
029	9.534 655	21	9.561 749	23	0.438 251	9.972 906	3	971	1 2.1
.030	9.534 676	21	9.561 773	24	0.438 227	9.972 903	3	.970	2 4.2
		21		24			3		3 6.3
031	9.534 697	21	9.561 797	24	0.438 203	9.972 900	3	969	4 8.4
032	9.534 718	21	9.561 820	23	0.438 180	9.972 897	3	968	5 10.5
033	9.534 738	20	9.561 844	24	0.438 156	9.972 895	2	967	6 12.6
		21		23			3		7 14.7
034	9.534 759	21	9.561 867	24	0.438 133	9.972 892	3	966	8 16.8
035	9.534 780	21	9.561 891	24	0.438 109	9.972 889	3	965	9 18.9
036	9.534 801	21	9.561 914	23	0.438 086	9.972 886	3	964	
		20		24			2		
037	9.534 821	21	9.561 938	24	0.438 062	9.972 884	3	963	
038	9.534 842	21	9.561 961	23	0.438 039	9.972 881	3	962	
039	9.534 863	21	9.561 985	24	0.438 015	9.972 878	3	961	
.040	9.534 884	21	9.562 008	23	0.437 992	9.972 875	3	.960	20
		21		24			2		1 2.0
041	9.534 905	21	9.562 032	24	0.437 968	9.972 873	3	959	2 4.0
042	9.534 925	20	9.562 056	24	0.437 944	9.972 870	3	958	3 6.0
043	9.534 946	21	9.562 079	23	0.437 921	9.972 867	3	957	4 8.0
		21		24			3		5 10.0
044	9.534 967	21	9.562 103	24	0.437 897	9.972 864	3	956	6 12.0
045	9.534 988	21	9.562 126	23	0.437 874	9.972 862	2	955	7 14.0
046	9.535 008	20	9.562 150	24	0.437 850	9.972 859	3	954	8 16.0
		21		23			3		9 18.0
047	9.535 029	21	9.562 173	24	0.437 827	9.972 856	3	953	
048	9.535 050	21	9.562 197	24	0.437 803	9.972 853	3	952	
049	9.535 071	21	9.562 220	23	0.437 780	9.972 850	3	951	
.050	9.535 092	21	9.562 244	24	0.437 756	9.972 848	2	.950	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

70°.000 — 69°.950

20°.050 — 20°.100

20°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.535 092		9.562 244		0.437 756	9.972 848		.950	
051	9.535 112	20	9.562 267	23	0.437 733	9.972 845	3	949	
052	9.535 133	21	9.562 291	24	0.437 709	9.972 842	3	948	
053	9.535 154	21	9.562 314	23	0.437 686	9.972 839	3	947	
054	9.535 175	21	9.562 338	24	0.437 662	9.972 837	2	946	24
055	9.535 195	20	9.562 362	24	0.437 638	9.972 834	3	945	1 2.4
056	9.535 216	21	9.562 385	23	0.437 615	9.972 831	3	944	2 4.8
057	9.535 237	21	9.562 409	24	0.437 591	9.972 828	3	943	3 7.2
058	9.535 258	20	9.562 432	23	0.437 568	9.972 826	2	942	4 9.6
059	9.535 278	20	9.562 456	24	0.437 544	9.972 823	3	941	5 12.0
.060	9.535 299	21	9.562 479	23	0.437 521	9.972 820	3	.940	6 14.4
061	9.535 320	21	9.562 503	24	0.437 497	9.972 817	3	939	7 16.8
062	9.535 341	21	9.562 526	23	0.437 474	9.972 814	3	938	8 19.2
063	9.535 361	20	9.562 550	24	0.437 450	9.972 812	2	937	9 21.6
064	9.535 382	21	9.562 573	23	0.437 427	9.972 809	3	936	
065	9.535 403	21	9.562 597	24	0.437 403	9.972 806	3	935	
066	9.535 424	21	9.562 620	23	0.437 380	9.972 803	3	934	23
067	9.535 444	20	9.562 644	24	0.437 356	9.972 801	2	933	1 2.3
068	9.535 465	21	9.562 667	23	0.437 333	9.972 798	3	932	2 4.6
069	9.535 486	21	9.562 691	24	0.437 309	9.972 795	3	931	3 6.9
.070	9.535 507	21	9.562 714	23	0.437 286	9.972 792	3	.930	4 9.2
071	9.535 527	20	9.562 738	24	0.437 262	9.972 790	2	929	5 11.5
072	9.535 548	21	9.562 761	23	0.437 239	9.972 787	3	928	6 13.8
073	9.535 569	21	9.562 785	24	0.437 215	9.972 784	3	927	7 16.1
074	9.535 590	21	9.562 808	23	0.437 192	9.972 781	3	926	8 18.4
075	9.535 610	20	9.562 832	24	0.437 168	9.972 778	3	925	9 20.7
076	9.535 631	21	9.562 855	23	0.437 145	9.972 776	2	924	
077	9.535 652	21	9.562 879	24	0.437 121	9.972 773	3	923	
078	9.535 673	21	9.562 902	23	0.437 098	9.972 770	3	922	21
079	9.535 693	20	9.562 926	24	0.437 074	9.972 767	3	921	1 2.1
.080	9.535 714	21	9.562 949	23	0.437 051	9.972 765	2	.920	2 4.2
081	9.535 735	21	9.562 973	24	0.437 027	9.972 762	3	919	3 6.3
082	9.535 756	21	9.562 996	23	0.437 004	9.972 759	3	918	4 8.4
083	9.535 776	20	9.563 020	24	0.436 980	9.972 756	3	917	5 10.5
084	9.535 797	21	9.563 044	24	0.436 956	9.972 754	2	916	6 12.6
085	9.535 818	21	9.563 067	23	0.436 933	9.972 751	3	915	7 14.7
086	9.535 839	21	9.563 091	24	0.436 909	9.972 748	3	914	8 16.8
087	9.535 859	20	9.563 114	23	0.436 886	9.972 745	3	913	9 18.9
088	9.535 880	21	9.563 138	24	0.436 862	9.972 742	3	912	
089	9.535 901	21	9.563 161	23	0.436 839	9.972 740	2	911	
.090	9.535 921	20	9.563 185	24	0.436 815	9.972 737	3	.910	20
091	9.535 942	21	9.563 208	23	0.436 792	9.972 734	3	909	1 2.0
092	9.535 963	21	9.563 231	23	0.436 769	9.972 731	3	908	2 4.0
093	9.535 984	21	9.563 255	24	0.436 745	9.972 729	2	907	3 6.0
094	9.536 004	20	9.563 278	23	0.436 722	9.972 726	3	906	4 8.0
095	9.536 025	21	9.563 302	24	0.436 698	9.972 723	3	905	5 10.0
096	9.536 046	21	9.563 325	23	0.436 675	9.972 720	3	904	6 12.0
097	9.536 066	20	9.563 349	24	0.436 651	9.972 718	2	903	7 14.0
098	9.536 087	21	9.563 372	23	0.436 628	9.972 715	3	902	8 16.0
099	9.536 108	21	9.563 396	24	0.436 604	9.972 712	3	901	9 18.0
.100	9.536 129	21	9.563 419	23	0.436 581	9.972 709	3	.900	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

20°.100 — 20°.150

20°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.536 129		9.563 419		0.436 581	9.972 709		.900	
101	9.536 149	20	9.563 443	24	0.436 557	9.972 706	3	899	
102	9.536 170	21	9.563 466	23	0.436 534	9.972 704	2	898	
103	9.536 191	21	9.563 490	24	0.436 510	9.972 701	3	897	
104	9.536 211	20	9.563 513	23	0.436 487	9.972 698	3	896	24
105	9.536 232	21	9.563 537	24	0.436 463	9.972 695	3	895	1 2.4
106	9.536 253	21	9.563 560	23	0.436 440	9.972 693	2	894	2 4.8
107	9.536 274	21	9.563 584	24	0.436 416	9.972 690	3	893	3 7.2
108	9.536 294	20	9.563 607	23	0.436 393	9.972 687	3	892	4 9.6
109	9.536 315	21	9.563 631	24	0.436 369	9.972 684	3	891	5 12.0
.110	9.536 336	21	9.563 654	23	0.436 346	9.972 681	3	.890	6 14.4
		20		24			2		7 16.8
111	9.536 356	21	9.563 678	23	0.436 322	9.972 679	3	889	8 19.2
112	9.536 377	21	9.563 701	24	0.436 299	9.972 676	3	888	9 21.6
113	9.536 398	21	9.563 725	24	0.436 275	9.972 673	3	887	
114	9.536 418	20	9.563 748	23	0.436 252	9.972 670	3	886	
115	9.536 439	21	9.563 772	24	0.436 228	9.972 668	2	885	
116	9.536 460	21	9.563 795	23	0.436 205	9.972 665	3	884	23
117	9.536 481	21	9.563 819	24	0.436 181	9.972 662	3	883	1 2.3
118	9.536 501	20	9.563 842	23	0.436 158	9.972 659	3	882	2 4.6
119	9.536 522	21	9.563 865	23	0.436 135	9.972 656	3	881	3 6.9
.120	9.536 543	21	9.563 889	24	0.436 111	9.972 654	2	.880	4 9.2
		20		23			3		5 11.5
121	9.536 563	21	9.563 912	24	0.436 088	9.972 651	3	879	6 13.8
122	9.536 584	21	9.563 936	24	0.436 064	9.972 648	3	878	7 16.1
123	9.536 605	21	9.563 959	23	0.436 041	9.972 645	3	877	8 18.4
124	9.536 625	20	9.563 983	24	0.436 017	9.972 643	2	876	9 20.7
125	9.536 646	21	9.564 006	23	0.435 994	9.972 640	3	875	
126	9.536 667	21	9.564 030	24	0.435 970	9.972 637	3	874	
127	9.536 687	20	9.564 053	23	0.435 947	9.972 634	3	873	
128	9.536 708	21	9.564 077	24	0.435 923	9.972 631	3	872	21
129	9.536 729	21	9.564 100	23	0.435 900	9.972 629	2	871	1 2.1
.130	9.536 749	20	9.564 124	24	0.435 876	9.972 626	3	.870	2 4.2
		21		23			3		3 6.3
131	9.536 770	21	9.564 147	23	0.435 853	9.972 623	3	869	4 8.4
132	9.536 791	21	9.564 170	23	0.435 830	9.972 620	3	868	5 10.5
133	9.536 812	21	9.564 194	24	0.435 806	9.972 618	2	867	6 12.6
134	9.536 832	20	9.564 217	23	0.435 783	9.972 615	3	866	7 14.7
135	9.536 853	21	9.564 241	24	0.435 759	9.972 612	3	865	8 16.8
136	9.536 874	21	9.564 264	23	0.435 736	9.972 609	3	864	9 18.9
137	9.536 894	20	9.564 288	24	0.435 712	9.972 606	3	863	
138	9.536 915	21	9.564 311	23	0.435 689	9.972 604	2	862	
139	9.536 936	21	9.564 335	24	0.435 665	9.972 601	3	861	
.140	9.536 956	20	9.564 358	23	0.435 642	9.972 598	3	.860	20
		21		24			3		1 2.0
141	9.536 977	21	9.564 382	24	0.435 618	9.972 595	3	859	2 4.0
142	9.536 998	21	9.564 405	23	0.435 595	9.972 593	2	858	3 6.0
143	9.537 018	20	9.564 428	23	0.435 572	9.972 590	3	857	4 8.0
144	9.537 039	21	9.564 452	24	0.435 548	9.972 587	3	856	5 10.0
145	9.537 060	21	9.564 475	23	0.435 525	9.972 584	3	855	6 12.0
146	9.537 080	20	9.564 499	24	0.435 501	9.972 581	3	854	7 14.0
147	9.537 101	21	9.564 522	23	0.435 478	9.972 579	2	853	8 16.0
148	9.537 122	21	9.564 546	24	0.435 454	9.972 576	3	852	9 18.0
149	9.537 142	20	9.564 569	23	0.435 431	9.972 573	3	851	
.150	9.537 163	21	9.564 593	24	0.435 407	9.972 570	3	.850	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

20°.150 — 20°.200

20°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.537 163		9.564 593		0.435 407	9.972 570		.850	
151	9.537 184	21	9.564 616	23	0.435 384	9.972 568	2	849	
152	9.537 204	20	9.564 639	23	0.435 361	9.972 565	3	848	
153	9.537 225	21	9.564 663	24	0.435 337	9.972 562	3	847	
		20		23			3		24
154	9.537 245	21	9.564 686	24	0.435 314	9.972 559	3	846	1 2.4
155	9.537 266	21	9.564 710	24	0.435 290	9.972 556	3	845	2 4.8
156	9.537 287	21	9.564 733	23	0.435 267	9.972 554	2	844	3 7.2
		20		24			3		4 9.6
157	9.537 307	21	9.564 757	23	0.435 243	9.972 551	3	843	5 12.0
158	9.537 328	21	9.564 780	23	0.435 220	9.972 548	3	842	6 14.4
159	9.537 349	21	9.564 803	23	0.435 197	9.972 545	3	841	7 16.8
		20		24			3		8 19.2
.160	9.537 369	21	9.564 827	23	0.435 173	9.972 542	2	.840	9 21.6
161	9.537 390	21	9.564 850	24	0.435 150	9.972 540	3	839	
162	9.537 411	21	9.564 874	24	0.435 126	9.972 537	3	838	
163	9.537 431	20	9.564 897	23	0.435 103	9.972 534	3	837	
		21		24			3		23
164	9.537 452	21	9.564 921	23	0.435 079	9.972 531	2	836	1 2.3
165	9.537 473	21	9.564 944	23	0.435 056	9.972 529	3	835	2 4.6
166	9.537 493	20	9.564 967	23	0.435 033	9.972 526	3	834	3 6.9
		21		24			3		4 9.2
167	9.537 514	20	9.564 991	23	0.435 009	9.972 523	3	833	5 11.5
168	9.537 534	21	9.565 014	23	0.434 986	9.972 520	3	832	6 13.8
169	9.537 555	21	9.565 038	24	0.434 962	9.972 517	3	831	7 16.1
		21		23			2		8 18.4
.170	9.537 576	20	9.565 061	24	0.434 939	9.972 515	3	.830	9 20.7
171	9.537 596	21	9.565 085	23	0.434 915	9.972 512	3	829	
172	9.537 617	21	9.565 108	23	0.434 892	9.972 509	3	828	
173	9.537 638	21	9.565 131	23	0.434 869	9.972 506	3	827	
		20		24			2		
174	9.537 658	21	9.565 155	23	0.434 845	9.972 504	3	826	
175	9.537 679	21	9.565 178	24	0.434 822	9.972 501	3	825	
176	9.537 700	21	9.565 202	24	0.434 798	9.972 498	3	824	
		20		23			3		
177	9.537 720	21	9.565 225	23	0.434 775	9.972 495	3	823	21
178	9.537 741	21	9.565 248	23	0.434 752	9.972 492	3	822	1 2.1
179	9.537 761	20	9.565 272	24	0.434 728	9.972 490	2	821	2 4.2
		21		23			3		3 6.3
.180	9.537 782	21	9.565 295	24	0.434 705	9.972 487	3	.820	4 8.4
181	9.537 803	21	9.565 319	23	0.434 681	9.972 484	3	819	5 10.5
182	9.537 823	20	9.565 342	23	0.434 658	9.972 481	3	818	6 12.6
183	9.537 844	21	9.565 365	23	0.434 635	9.972 478	3	817	7 14.7
		21		24			2		8 16.8
184	9.537 865	20	9.565 389	23	0.434 611	9.972 476	3	816	9 18.9
185	9.537 885	21	9.565 412	24	0.434 588	9.972 473	3	815	
186	9.537 906	21	9.565 436	24	0.434 564	9.972 470	3	814	
		20		23			3		
187	9.537 926	21	9.565 459	24	0.434 541	9.972 467	2	813	
188	9.537 947	21	9.565 483	23	0.434 517	9.972 465	3	812	
189	9.537 968	21	9.565 506	23	0.434 494	9.972 462	3	811	
		20		23			3		20
.190	9.537 988	21	9.565 529	24	0.434 471	9.972 459	3	.810	1 2.0
191	9.538 009	21	9.565 553	24	0.434 447	9.972 456	3	809	2 4.0
192	9.538 029	20	9.565 576	23	0.434 424	9.972 453	3	808	3 6.0
193	9.538 050	21	9.565 600	24	0.434 400	9.972 451	2	807	4 8.0
		21		23			3		5 10.0
194	9.538 071	21	9.565 623	23	0.434 377	9.972 448	3	806	6 12.0
195	9.538 091	20	9.565 646	23	0.434 354	9.972 445	3	805	7 14.0
196	9.538 112	21	9.565 670	24	0.434 330	9.972 442	3	804	8 16.0
		21		23			3		9 18.0
197	9.538 133	21	9.565 693	23	0.434 307	9.972 439	3	803	
198	9.538 153	20	9.565 716	23	0.434 284	9.972 437	2	802	
199	9.538 174	21	9.565 740	24	0.434 260	9.972 434	3	801	
		20		23			3		
.200	9.538 194		9.565 763		0.434 237	9.972 431		.800	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.850 — 69°.800

20°.200 — 20°.250

20°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.538 194		9.565 763		0.434 237	9.972 431		.800	
201	9.538 215	21	9.565 787	24	0.434 213	9.972 428	3	799	
202	9.538 236	21	9.565 810	23	0.434 190	9.972 425	3	798	
203	9.538 256	20	9.565 833	23	0.434 167	9.972 423	2	797	
		21		24			3		24
204	9.538 277	20	9.565 857	23	0.434 143	9.972 420	3	796	1 2.4
205	9.538 297	21	9.565 880	24	0.434 120	9.972 417	3	795	2 4.8
206	9.538 318	20	9.565 904	23	0.434 096	9.972 414	2	794	3 7.2
		21		23			3		4 9.6
207	9.538 338	20	9.565 927	23	0.434 073	9.972 412	3	793	5 12.0
208	9.538 359	21	9.565 950	24	0.434 050	9.972 409	3	792	6 14.4
209	9.538 380	20	9.565 974	23	0.434 026	9.972 406	3	791	7 16.8
		21		24			3		8 19.2
.210	9.538 400		9.565 997		0.434 003	9.972 403		.790	9 21.6
211	9.538 421	20	9.566 021	23	0.433 979	9.972 400	3	789	
212	9.538 441	21	9.566 044	23	0.433 956	9.972 398	2	788	
213	9.538 462	21	9.566 067	24	0.433 933	9.972 395	3	787	
		21		24			3		23
214	9.538 483	20	9.566 091	23	0.433 909	9.972 392	3	786	1 2.3
215	9.538 503	21	9.566 114	23	0.433 886	9.972 389	3	785	2 4.6
216	9.538 524	20	9.566 137	24	0.433 863	9.972 386	2	784	3 6.9
		21		23			3		4 9.2
217	9.538 544	20	9.566 161	23	0.433 839	9.972 384	3	783	5 11.5
218	9.538 565	21	9.566 184	24	0.433 816	9.972 381	3	782	6 13.8
219	9.538 586	20	9.566 208	23	0.433 792	9.972 378	2	781	7 16.1
		21		23			3		8 18.4
.220	9.538 606		9.566 231		0.433 769	9.972 375		.780	9 20.7
221	9.538 627	20	9.566 254	24	0.433 746	9.972 372	3	779	
222	9.538 647	21	9.566 278	23	0.433 722	9.972 370	2	778	
223	9.538 668	20	9.566 301	23	0.433 699	9.972 367	3	777	
		21		23			3		
224	9.538 688	20	9.566 324	24	0.433 676	9.972 364	3	776	
225	9.538 709	21	9.566 348	23	0.433 652	9.972 361	2	775	
226	9.538 730	20	9.566 371	23	0.433 629	9.972 358	3	774	
		21		23			2		
227	9.538 750	20	9.566 394	24	0.433 606	9.972 356	3	773	21
228	9.538 771	21	9.566 418	23	0.433 582	9.972 353	3	772	1 2.1
229	9.538 791	20	9.566 441	23	0.433 559	9.972 350	2	771	2 4.2
		21		24			3		3 6.3
.230	9.538 812		9.566 465		0.433 535	9.972 347		.770	4 8.4
231	9.538 832	20	9.566 488	23	0.433 512	9.972 345	2	769	5 10.5
232	9.538 853	21	9.566 511	24	0.433 489	9.972 342	3	768	6 12.6
233	9.538 874	20	9.566 535	23	0.433 465	9.972 339	3	767	7 14.7
		21		23			3		8 16.8
234	9.538 894	20	9.566 558	23	0.433 442	9.972 336	3	766	9 18.9
235	9.538 915	21	9.566 581	24	0.433 419	9.972 333	2	765	
236	9.538 935	20	9.566 605	23	0.433 395	9.972 331	3	764	
		21		23			3		
237	9.538 956	20	9.566 628	23	0.433 372	9.972 328	3	763	
238	9.538 976	21	9.566 651	24	0.433 349	9.972 325	3	762	
239	9.538 997	20	9.566 675	23	0.433 325	9.972 322	2	761	
		21		23			3		20
.240	9.539 017		9.566 698		0.433 302	9.972 319		.760	
241	9.539 038	20	9.566 721	23	0.433 279	9.972 317	2	759	1 2.0
242	9.539 059	21	9.566 745	24	0.433 255	9.972 314	3	758	2 4.0
243	9.539 079	20	9.566 768	23	0.433 232	9.972 311	3	757	3 6.0
		21		24			3		4 8.0
244	9.539 100	20	9.566 792	23	0.433 208	9.972 308	2	756	5 10.0
245	9.539 120	21	9.566 815	24	0.433 185	9.972 305	3	755	6 12.0
246	9.539 141	20	9.566 838	23	0.433 162	9.972 303	3	754	7 14.0
		21		24			2		8 16.0
247	9.539 161	20	9.566 862	23	0.433 138	9.972 300	3	753	9 18.0
248	9.539 182	21	9.566 885	23	0.433 115	9.972 297	3	752	
249	9.539 202	20	9.566 908	23	0.433 092	9.972 294	3	751	
		21		24			3		
.250	9.539 223		9.566 932		0.433 068	9.972 291		.750	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

20°.250 — 20°.300

20°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.539 223		9.566 932		0.433 068	9.972 291		.750	
251	9.539 244	21	9.566 955	23	0.433 045	9.972 289	2	749	
252	9.539 264	20	9.566 978	23	0.433 022	9.972 286	3	748	
253	9.539 285	21	9.567 002	24	0.432 998	9.972 283	3	747	
		20		23			3		24
254	9.539 305	21	9.567 025	23	0.432 975	9.972 280	3	746	
255	9.539 326	20	9.567 048	23	0.432 952	9.972 277	3	745	1 2.4
256	9.539 346	20	9.567 072	24	0.432 928	9.972 275	2	744	2 4.8
		21		23			3		3 7.2
257	9.539 367	21	9.567 095	23	0.432 905	9.972 272	3	743	4 9.6
258	9.539 387	20	9.567 118	23	0.432 882	9.972 269	3	742	5 12.0
259	9.539 408	21	9.567 142	24	0.432 858	9.972 266	3	741	6 14.4
		20		23			3		7 16.8
.260	9.539 428	21	9.567 165	23	0.432 835	9.972 263	2	.740	8 19.2
		20		24			3		9 21.6
261	9.539 449	20	9.567 188	24	0.432 812	9.972 261	3	739	
262	9.539 469	21	9.567 212	23	0.432 788	9.972 258	3	738	
263	9.539 490	21	9.567 235	23	0.432 765	9.972 255	3	737	
		21		23			3		23
264	9.539 511	20	9.567 258	24	0.432 742	9.972 252	3	736	
265	9.539 531	21	9.567 282	24	0.432 718	9.972 249	3	735	
266	9.539 552	21	9.567 305	23	0.432 695	9.972 247	2	734	
		20		23			3		1 2.3
267	9.539 572	21	9.567 328	24	0.432 672	9.972 244	3	733	2 4.6
268	9.539 593	21	9.567 352	24	0.432 648	9.972 241	3	732	3 6.9
269	9.539 613	20	9.567 375	23	0.432 625	9.972 238	3	731	4 9.2
		21		23			3		5 11.5
.270	9.539 634	20	9.567 398	24	0.432 602	9.972 235	2	.730	6 13.8
		21		23			3		7 16.1
271	9.539 654	21	9.567 422	23	0.432 578	9.972 233	3	729	8 18.4
272	9.539 675	20	9.567 445	23	0.432 555	9.972 230	3	728	9 20.7
273	9.539 695	20	9.567 468	23	0.432 532	9.972 227	3	727	
		21		24			3		
274	9.539 716	20	9.567 492	23	0.432 508	9.972 224	3	726	
275	9.539 736	21	9.567 515	23	0.432 485	9.972 221	3	725	
276	9.539 757	21	9.567 538	23	0.432 462	9.972 219	2	724	
		20		23			3		
277	9.539 777	21	9.567 561	24	0.432 439	9.972 216	3	723	21
278	9.539 798	21	9.567 585	24	0.432 415	9.972 213	3	722	
279	9.539 818	20	9.567 608	23	0.432 392	9.972 210	3	721	
		21		23			3		1 2.1
.280	9.539 839	20	9.567 631	24	0.432 369	9.972 207	2	.720	2 4.2
		21		23			3		3 6.3
281	9.539 859	21	9.567 655	23	0.432 345	9.972 205	3	719	4 8.4
282	9.539 880	20	9.567 678	23	0.432 322	9.972 202	3	718	5 10.5
283	9.539 900	20	9.567 701	23	0.432 299	9.972 199	3	717	6 12.6
		21		24			3		7 14.7
284	9.539 921	20	9.567 725	23	0.432 275	9.972 196	3	716	8 16.8
285	9.539 941	21	9.567 748	23	0.432 252	9.972 193	3	715	9 18.9
286	9.539 962	21	9.567 771	23	0.432 229	9.972 191	2	714	
		20		24			3		
287	9.539 982	21	9.567 795	23	0.432 205	9.972 188	3	713	
288	9.540 003	20	9.567 818	23	0.432 182	9.972 185	3	712	
289	9.540 023	20	9.567 841	23	0.432 159	9.972 182	3	711	
		21		24			3		20
.290	9.540 044	20	9.567 865	23	0.432 135	9.972 179	2	.710	1 2.0
		21		23			3		2 4.0
291	9.540 064	21	9.567 888	23	0.432 112	9.972 177	3	709	3 6.0
292	9.540 085	20	9.567 911	23	0.432 089	9.972 174	3	708	4 8.0
293	9.540 105	20	9.567 934	23	0.432 066	9.972 171	3	707	5 10.0
		21		24			3		6 12.0
294	9.540 126	20	9.567 958	23	0.432 042	9.972 168	3	706	7 14.0
295	9.540 146	21	9.567 981	23	0.432 019	9.972 165	3	705	8 16.0
296	9.540 167	21	9.568 004	23	0.431 996	9.972 163	2	704	9 18.0
		20		24			3		
297	9.540 187	21	9.568 028	23	0.431 972	9.972 160	3	703	
298	9.540 208	21	9.568 051	23	0.431 949	9.972 157	3	702	
299	9.540 228	20	9.568 074	23	0.431 926	9.972 154	3	701	
		21		24			3		
.300	9.540 249		9.568 098		0.431 902	9.972 151		.700	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

20°.300 — 20°.350

20°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.540 249		9.568 098		0.431 902	9.972 151		.700	
301	9.540 269	20	9.568 121	23	0.431 879	9.972 149	2	699	
302	9.540 290	21	9.568 144	23	0.431 856	9.972 146	3	698	
303	9.540 310	20	9.568 167	23	0.431 833	9.972 143	3	697	
		21		24			3		24
304	9.540 331	20	9.568 191	23	0.431 809	9.972 140	3	696	
305	9.540 351	21	9.568 214	23	0.431 786	9.972 137	3	695	1 2.4
306	9.540 372	20	9.568 237	23	0.431 763	9.972 135	2	694	2 4.8
		20		24			3		3 7.2
307	9.540 392	21	9.568 261	23	0.431 739	9.972 132	3	693	4 9.6
308	9.540 413	20	9.568 284	23	0.431 716	9.972 129	3	692	5 12.0
309	9.540 433	21	9.568 307	23	0.431 693	9.972 126	3	691	6 14.4
		20		24			3		7 16.8
.310	9.540 454	20	9.568 330	23	0.431 670	9.972 123	2	.690	8 19.2
		21		24			3		9 21.6
311	9.540 474	21	9.568 354	23	0.431 646	9.972 121	3	689	
312	9.540 495	20	9.568 377	23	0.431 623	9.972 118	3	688	
313	9.540 515	21	9.568 400	24	0.431 600	9.972 115	3	687	
		20		23			3		
314	9.540 536	20	9.568 424	23	0.431 576	9.972 112	3	686	
315	9.540 556	21	9.568 447	23	0.431 553	9.972 109	3	685	
316	9.540 577	20	9.568 470	23	0.431 530	9.972 107	2	684	23
		20		23			3		1 2.3
317	9.540 597	21	9.568 493	24	0.431 507	9.972 104	3	683	2 4.6
318	9.540 618	20	9.568 517	23	0.431 483	9.972 101	3	682	3 6.9
319	9.540 638	21	9.568 540	23	0.431 460	9.972 098	3	681	4 9.2
		20		24			3		5 11.5
.320	9.540 659	20	9.568 563	23	0.431 437	9.972 095	3	.680	6 13.8
		21		24			3		7 16.1
321	9.540 679	20	9.568 587	23	0.431 413	9.972 092	2	679	8 18.4
322	9.540 699	21	9.568 610	23	0.431 390	9.972 090	3	678	9 20.7
323	9.540 720	20	9.568 633	23	0.431 367	9.972 087	3	677	
		20		23			3		
324	9.540 740	21	9.568 656	24	0.431 344	9.972 084	3	676	
325	9.540 761	20	9.568 680	23	0.431 320	9.972 081	3	675	
326	9.540 781	21	9.568 703	23	0.431 297	9.972 078	3	674	
		20		23			2		
327	9.540 802	20	9.568 726	23	0.431 274	9.972 076	3	673	21
328	9.540 822	21	9.568 749	24	0.431 251	9.972 073	3	672	
329	9.540 843	20	9.568 773	23	0.431 227	9.972 070	3	671	
		21		24			3		1 2.1
.330	9.540 863	20	9.568 796	23	0.431 204	9.972 067	3	.670	2 4.2
		21		23			3		3 6.3
331	9.540 884	20	9.568 819	23	0.431 181	9.972 064	2	669	4 8.4
332	9.540 904	21	9.568 842	24	0.431 158	9.972 062	3	668	5 10.5
333	9.540 925	20	9.568 866	23	0.431 134	9.972 059	3	667	6 12.6
		20		23			3		7 14.7
334	9.540 945	20	9.568 889	23	0.431 111	9.972 056	3	666	8 16.8
335	9.540 965	21	9.568 912	24	0.431 088	9.972 053	3	665	9 18.9
336	9.540 986	20	9.568 936	23	0.431 064	9.972 050	3	664	
		20		23			2		
337	9.541 006	21	9.568 959	23	0.431 041	9.972 048	3	663	
338	9.541 027	20	9.568 982	23	0.431 018	9.972 045	3	662	
339	9.541 047	21	9.569 005	24	0.430 995	9.972 042	3	661	
		20		23			3		20
.340	9.541 068	20	9.569 029	23	0.430 971	9.972 039	3	.660	1 2.0
		21		23			3		2 4.0
341	9.541 088	20	9.569 052	23	0.430 948	9.972 036	2	659	3 6.0
342	9.541 109	20	9.569 075	23	0.430 925	9.972 034	3	658	4 8.0
343	9.541 129	20	9.569 098	24	0.430 902	9.972 031	3	657	5 10.0
		20		23			3		6 12.0
344	9.541 149	21	9.569 122	23	0.430 878	9.972 028	3	656	7 14.0
345	9.541 170	20	9.569 145	23	0.430 855	9.972 025	3	655	8 16.0
346	9.541 190	21	9.569 168	23	0.430 832	9.972 022	3	654	9 18.0
		20		23			3		
347	9.541 211	20	9.569 191	24	0.430 809	9.972 019	2	653	
348	9.541 231	21	9.569 215	23	0.430 785	9.972 017	3	652	
349	9.541 252	20	9.569 238	23	0.430 762	9.972 014	3	651	
		21		24			3		
.350	9.541 272	20	9.569 261	23	0.430 739	9.972 011	3	.650	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.700 — 69°.650

20°.350 — 20°.400

20°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.541 272		9.569 261		0.430 739	9.972 011		.650	
351	9.541 293	21	9.569 284	23	0.430 716	9.972 008	3	649	
352	9.541 313	20	9.569 308	24	0.430 692	9.972 005	3	648	
353	9.541 333	20	9.569 331	23	0.430 669	9.972 003	2	647	
		21		23			3		24
354	9.541 354	20	9.569 354	23	0.430 646	9.972 000	3	646	
355	9.541 374	21	9.569 377	23	0.430 623	9.971 997	3	645	1 2.4
356	9.541 395	20	9.569 401	24	0.430 599	9.971 994	3	644	2 4.8
		20		23			3		3 7.2
357	9.541 415	21	9.569 424	23	0.430 576	9.971 991	3	643	4 9.6
358	9.541 436	20	9.569 447	23	0.430 553	9.971 989	2	642	5 12.0
359	9.541 456		9.569 470	23	0.430 530	9.971 986	3	641	6 14.4
		20		24			3		7 16.8
.360	9.541 476	21	9.569 494	23	0.430 506	9.971 983	3	.640	8 19.2
		21		23			3		9 21.6
361	9.541 497	20	9.569 517	23	0.430 483	9.971 980	3	639	
362	9.541 517	21	9.569 540	23	0.430 460	9.971 977	3	638	
363	9.541 538	20	9.569 563	23	0.430 437	9.971 974	3	637	
		20		23			2		
364	9.541 558	21	9.569 586	24	0.430 414	9.971 972	3	636	
365	9.541 579	20	9.569 610	23	0.430 390	9.971 969	3	635	
366	9.541 599	20	9.569 633	23	0.430 367	9.971 966	3	634	23
		20		23			3		1 2.3
367	9.541 619	21	9.569 656	23	0.430 344	9.971 963	3	633	2 4.6
368	9.541 640	20	9.569 679	23	0.430 321	9.971 960	3	632	3 6.9
369	9.541 660	21	9.569 703	24	0.430 297	9.971 958	2	631	4 9.2
		21		23			3		5 11.5
.370	9.541 681	20	9.569 726	23	0.430 274	9.971 955	3	.630	6 13.8
		20		23			3		7 16.1
371	9.541 701	21	9.569 749	23	0.430 251	9.971 952	3	629	8 18.4
372	9.541 721	21	9.569 772	24	0.430 228	9.971 949	3	628	9 20.7
373	9.541 742	20	9.569 796	23	0.430 204	9.971 946	2	627	
		20		23			3		
374	9.541 762	21	9.569 819	23	0.430 181	9.971 944	3	626	
375	9.541 783	20	9.569 842	23	0.430 158	9.971 941	3	625	
376	9.541 803	20	9.569 865	23	0.430 135	9.971 938	3	624	
		20		23			3		
377	9.541 823	21	9.569 888	24	0.430 112	9.971 935	3	623	21
378	9.541 844	20	9.569 912	23	0.430 088	9.971 932	3	622	
379	9.541 864	21	9.569 935	23	0.430 065	9.971 929	3	621	1 2.1
		21		23			2		2 4.2
.380	9.541 885	20	9.569 958	23	0.430 042	9.971 927	3	.620	3 6.3
		20		23			3		4 8.4
381	9.541 905	21	9.569 981	24	0.430 019	9.971 924	3	619	5 10.5
382	9.541 926	20	9.570 005	23	0.429 995	9.971 921	3	618	6 12.6
383	9.541 946	20	9.570 028	23	0.429 972	9.971 918	3	617	7 14.7
		20		23			3		8 16.8
384	9.541 966	21	9.570 051	23	0.429 949	9.971 915	2	616	9 18.9
385	9.541 987	20	9.570 074	23	0.429 926	9.971 913	3	615	
386	9.542 007	21	9.570 097	24	0.429 903	9.971 910	3	614	
		20		23			3		
387	9.542 028	20	9.570 121	23	0.429 879	9.971 907	3	613	
388	9.542 048	20	9.570 144	23	0.429 856	9.971 904	3	612	
389	9.542 068	21	9.570 167	23	0.429 833	9.971 901	3	611	
		21		23			3		20
.390	9.542 089	20	9.570 190	23	0.429 810	9.971 898	2	.610	1 2.0
		20		23			2		2 4.0
391	9.542 109	21	9.570 213	24	0.429 787	9.971 896	3	609	3 6.0
392	9.542 129	21	9.570 237	23	0.429 763	9.971 893	3	608	4 8.0
393	9.542 150	20	9.570 260	23	0.429 740	9.971 890	3	607	5 10.0
		20		23			3		6 12.0
394	9.542 170	21	9.570 283	23	0.429 717	9.971 887	3	606	7 14.0
395	9.542 191	20	9.570 306	23	0.429 694	9.971 884	3	605	8 16.0
396	9.542 211	20	9.570 329	23	0.429 671	9.971 882	2	604	9 18.0
		20		24			3		
397	9.542 231	21	9.570 353	23	0.429 647	9.971 879	3	603	
398	9.542 252	21	9.570 376	23	0.429 624	9.971 876	3	602	
399	9.542 272	20	9.570 399	23	0.429 601	9.971 873	3	601	
		21		23			3		
.400	9.542 293		9.570 422		0.429 578	9.971 870		.600	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.650 — 69°.600

20°.400 — 20°.450

20°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.542 293		9.570 422		0.429 578	9.971 870		.600	
401	9.542 313	20	9.570 445	23	0.429 555	9.971 867	3	599	
402	9.542 333	20	9.570 469	24	0.429 531	9.971 865	2	598	
403	9.542 354	21	9.570 492	23	0.429 508	9.971 862	3	597	
		20		23			3		24
404	9.542 374	20	9.570 515	23	0.429 485	9.971 859	3	596	
405	9.542 394	20	9.570 538	23	0.429 462	9.971 856	3	595	1 2.4
406	9.542 415	21	9.570 561	23	0.429 439	9.971 853	3	594	2 4.8
		20		24			2		3 7.2
407	9.542 435	21	9.570 585	23	0.429 415	9.971 851	3	593	4 9.6
408	9.542 456	20	9.570 608	23	0.429 392	9.971 848	3	592	5 12.0
409	9.542 476	20	9.570 631	23	0.429 369	9.971 845	3	591	6 14.4
		21		23			3		7 16.8
.410	9.542 496	21	9.570 654	23	0.429 346	9.971 842	3	.590	8 19.2
		20		23			3		9 21.6
411	9.542 517	20	9.570 677	24	0.429 323	9.971 839	3	589	
412	9.542 537	20	9.570 701	23	0.429 299	9.971 836	3	588	
413	9.542 557	21	9.570 724	23	0.429 276	9.971 834	2	587	
		20		23			3		23
414	9.542 578	20	9.570 747	23	0.429 253	9.971 831	3	586	
415	9.542 598	21	9.570 770	23	0.429 230	9.971 828	3	585	
416	9.542 619	21	9.570 793	23	0.429 207	9.971 825	3	584	
		20		24			3		1 2.3
417	9.542 639	20	9.570 817	23	0.429 183	9.971 822	2	583	2 4.6
418	9.542 659	21	9.570 840	23	0.429 160	9.971 820	3	582	3 6.9
419	9.542 680	21	9.570 863	23	0.429 137	9.971 817	3	581	4 9.2
		20		23			3		5 11.5
.420	9.542 700	20	9.570 886	23	0.429 114	9.971 814	3	.580	6 13.8
		21		23			3		7 16.1
421	9.542 720	21	9.570 909	23	0.429 091	9.971 811	3	579	8 18.4
422	9.542 741	20	9.570 932	24	0.429 068	9.971 808	3	578	9 20.7
423	9.542 761	20	9.570 956	23	0.429 044	9.971 805	2	577	
		20		23			3		
424	9.542 781	21	9.570 979	23	0.429 021	9.971 803	3	576	
425	9.542 802	20	9.571 002	23	0.428 998	9.971 800	3	575	
426	9.542 822	20	9.571 025	23	0.428 975	9.971 797	3	574	
		20		23			3		
427	9.542 842	21	9.571 048	24	0.428 952	9.971 794	3	573	21
428	9.542 863	20	9.571 072	23	0.428 928	9.971 791	3	572	
429	9.542 883	21	9.571 095	23	0.428 905	9.971 788	3	571	
		21		23			2		1 2.1
.430	9.542 904	20	9.571 118	23	0.428 882	9.971 786	3	.570	2 4.2
		20		23			3		3 6.3
431	9.542 924	20	9.571 141	23	0.428 859	9.971 783	3	569	4 8.4
432	9.542 944	21	9.571 164	23	0.428 836	9.971 780	3	568	5 10.5
433	9.542 965	20	9.571 187	23	0.428 813	9.971 777	3	567	6 12.6
		20		24			3		7 14.7
434	9.542 985	20	9.571 211	23	0.428 789	9.971 774	2	566	8 16.8
435	9.543 005	21	9.571 234	23	0.428 766	9.971 772	3	565	9 18.9
436	9.543 026	20	9.571 257	23	0.428 743	9.971 769	3	564	
		20		23			3		
437	9.543 046	20	9.571 280	23	0.428 720	9.971 766	3	563	
438	9.543 066	21	9.571 303	23	0.428 697	9.971 763	3	562	
439	9.543 087	21	9.571 326	23	0.428 674	9.971 760	3	561	
		20		24			3		20
.440	9.543 107	20	9.571 350	23	0.428 650	9.971 757	2	.560	1 2.0
		21		23			3		2 4.0
441	9.543 127	20	9.571 373	23	0.428 627	9.971 755	3	559	3 6.0
442	9.543 148	20	9.571 396	23	0.428 604	9.971 752	3	558	4 8.0
443	9.543 168	20	9.571 419	23	0.428 581	9.971 749	3	557	5 10.0
		20		23			3		6 12.0
444	9.543 188	21	9.571 442	23	0.428 558	9.971 746	3	556	7 14.0
445	9.543 209	20	9.571 465	23	0.428 535	9.971 743	3	555	8 16.0
446	9.543 229	20	9.571 489	24	0.428 511	9.971 740	3	554	9 18.0
		20		23			2		
447	9.543 249	21	9.571 512	23	0.428 488	9.971 738	3	553	
448	9.543 270	20	9.571 535	23	0.428 465	9.971 735	3	552	
449	9.543 290	20	9.571 558	23	0.428 442	9.971 732	3	551	
		20		23			3		
.450	9.543 310		9.571 581		0.428 419	9.971 729		.550	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.600 — 69°.550

20°.450 — 20°.500

20°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.543 310		9.571 581		0.428 419	9.971 729		.550	
451	9.543 331	21	9.571 604	23	0.428 396	9.971 726	3	549	
452	9.543 351	20	9.571 627	23	0.428 373	9.971 723	3	548	
453	9.543 371	20	9.571 651	24	0.428 349	9.971 721	2	547	
		21		23			3		24
454	9.543 392	20	9.571 674	23	0.428 326	9.971 718	3	546	1 2.4
455	9.543 412	20	9.571 697	23	0.428 303	9.971 715	3	545	2 4.8
456	9.543 432	20	9.571 720	23	0.428 280	9.971 712	3	544	3 7.2
		21		23			3		4 9.6
457	9.543 453	20	9.571 743	23	0.428 257	9.971 709	2	543	5 12.0
458	9.543 473	20	9.571 766	23	0.428 234	9.971 707	3	542	6 14.4
459	9.543 493	20	9.571 789	23	0.428 211	9.971 704	3	541	7 16.8
		21		24			3		8 19.2
.460	9.543 514	20	9.571 813	23	0.428 187	9.971 701	3	.540	9 21.6
461	9.543 534	20	9.571 836	23	0.428 164	9.971 698	3	539	
462	9.543 554	20	9.571 859	23	0.428 141	9.971 695	3	538	
463	9.543 574	20	9.571 882	23	0.428 118	9.971 692	3	537	
		21		23			2		
464	9.543 595	20	9.571 905	23	0.428 095	9.971 690	3	536	
465	9.543 615	20	9.571 928	23	0.428 072	9.971 687	3	535	
466	9.543 635	20	9.571 951	23	0.428 049	9.971 684	3	534	23
		21		24			3		1 2.3
467	9.543 656	20	9.571 975	23	0.428 025	9.971 681	3	533	2 4.6
468	9.543 676	20	9.571 998	23	0.428 002	9.971 678	3	532	3 6.9
469	9.543 696	20	9.572 021	23	0.427 979	9.971 675	3	531	4 9.2
		21		23			2		5 11.5
.470	9.543 717	20	9.572 044	23	0.427 956	9.971 673	3	.530	6 13.8
471	9.543 737	20	9.572 067	23	0.427 933	9.971 670	3	529	7 16.1
472	9.543 757	21	9.572 090	23	0.427 910	9.971 667	3	528	8 18.4
473	9.543 778	20	9.572 113	23	0.427 887	9.971 664	3	527	9 20.7
		20		24			3		
474	9.543 798	20	9.572 137	23	0.427 863	9.971 661	3	526	
475	9.543 818	20	9.572 160	23	0.427 840	9.971 658	3	525	
476	9.543 838	20	9.572 183	23	0.427 817	9.971 656	2	524	
		21		23			3		
477	9.543 859	20	9.572 206	23	0.427 794	9.971 653	3	523	21
478	9.543 879	20	9.572 229	23	0.427 771	9.971 650	3	522	1 2.1
479	9.543 899	20	9.572 252	23	0.427 748	9.971 647	3	521	2 4.2
		21		23			3		3 6.3
.480	9.543 920	20	9.572 275	23	0.427 725	9.971 644	3	.520	4 8.4
481	9.543 940	20	9.572 298	24	0.427 702	9.971 641	2	519	5 10.5
482	9.543 960	20	9.572 322	23	0.427 678	9.971 639	3	518	6 12.6
483	9.543 980	21	9.572 345	23	0.427 655	9.971 636	3	517	7 14.7
484	9.544 001	20	9.572 368	23	0.427 632	9.971 633	3	516	8 16.8
485	9.544 021	20	9.572 391	23	0.427 609	9.971 630	3	515	9 18.9
486	9.544 041	20	9.572 414	23	0.427 586	9.971 627	3	514	
		21		23			3		
487	9.544 062	20	9.572 437	23	0.427 563	9.971 624	2	513	
488	9.544 082	20	9.572 460	23	0.427 540	9.971 622	3	512	
489	9.544 102	20	9.572 483	23	0.427 517	9.971 619	3	511	
		21		24			3		20
.490	9.544 123	20	9.572 507	23	0.427 493	9.971 616	3	.510	1 2.0
491	9.544 143	20	9.572 530	23	0.427 470	9.971 613	3	509	2 4.0
492	9.544 163	20	9.572 553	23	0.427 447	9.971 610	3	508	3 6.0
493	9.544 183	20	9.572 576	23	0.427 424	9.971 607	3	507	4 8.0
		21		23			2		5 10.0
494	9.544 204	20	9.572 599	23	0.427 401	9.971 605	3	506	6 12.0
495	9.544 224	20	9.572 622	23	0.427 378	9.971 602	3	505	7 14.0
496	9.544 244	20	9.572 645	23	0.427 355	9.971 599	3	504	8 16.0
		20		23			3		9 18.0
497	9.544 264	21	9.572 668	23	0.427 332	9.971 596	3	503	
498	9.544 285	21	9.572 691	23	0.427 309	9.971 593	3	502	
499	9.544 305	20	9.572 715	24	0.427 285	9.971 590	3	501	
		20		23			2		
.500	9.544 325		9.572 738		0.427 262	9.971 588		.500	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.550 — 69°.500

20°.500 — 20°.550

20°	sin	d	tang	d	cotg	cos	d		P.P.
•500	9.544 325		9.572 738		0.427 262	9.971 588		•500	
501	9.544 346	21	9.572 761	23	0.427 239	9.971 585	3	499	
502	9.544 366	20	9.572 784	23	0.427 216	9.971 582	3	498	
503	9.544 386	20	9.572 807	23	0.427 193	9.971 579	3	497	
504	9.544 406	20	9.572 830	23	0.427 170	9.971 576	3	496	24
505	9.544 427	21	9.572 853	23	0.427 147	9.971 573	3	495	1 2.4
506	9.544 447	20	9.572 876	23	0.427 124	9.971 571	2	494	2 4.8
507	9.544 467	20	9.572 899	23	0.427 101	9.971 568	3	493	3 7.2
508	9.544 487	20	9.572 922	23	0.427 078	9.971 565	3	492	4 9.6
509	9.544 508	21	9.572 946	24	0.427 054	9.971 562	3	491	5 12.0
•510	9.544 528	20	9.572 969	23	0.427 031	9.971 559	3	•490	6 14.4
511	9.544 548	20	9.572 992	23	0.427 008	9.971 556	3	489	7 16.8
512	9.544 568	20	9.573 015	23	0.426 985	9.971 554	2	488	8 19.2
513	9.544 589	21	9.573 038	23	0.426 962	9.971 551	3	487	9 21.6
514	9.544 609	20	9.573 061	23	0.426 939	9.971 548	3	486	
515	9.544 629	20	9.573 084	23	0.426 916	9.971 545	3	485	23
516	9.544 650	21	9.573 107	23	0.426 893	9.971 542	3	484	1 2.3
517	9.544 670	20	9.573 130	23	0.426 870	9.971 539	3	483	2 4.6
518	9.544 690	20	9.573 153	23	0.426 847	9.971 537	2	482	3 6.9
519	9.544 710	20	9.573 177	24	0.426 823	9.971 534	3	481	4 9.2
•520	9.544 731	21	9.573 200	23	0.426 800	9.971 531	3	•480	5 11.5
521	9.544 751	20	9.573 223	23	0.426 777	9.971 528	3	479	6 13.8
522	9.544 771	20	9.573 246	23	0.426 754	9.971 525	3	478	7 16.1
523	9.544 791	20	9.573 269	23	0.426 731	9.971 522	3	477	8 18.4
524	9.544 812	21	9.573 292	23	0.426 708	9.971 520	2	476	9 20.7
525	9.544 832	20	9.573 315	23	0.426 685	9.971 517	3	475	
526	9.544 852	20	9.573 338	23	0.426 662	9.971 514	3	474	
527	9.544 872	20	9.573 361	23	0.426 639	9.971 511	3	473	21
528	9.544 893	21	9.573 384	23	0.426 616	9.971 508	3	472	1 2.1
529	9.544 913	20	9.573 407	23	0.426 593	9.971 505	3	471	2 4.2
•530	9.544 933	20	9.573 430	23	0.426 570	9.971 503	2	•470	3 6.3
531	9.544 953	20	9.573 454	24	0.426 546	9.971 500	3	469	4 8.4
532	9.544 973	20	9.573 477	23	0.426 523	9.971 497	3	468	5 10.5
533	9.544 994	21	9.573 500	23	0.426 500	9.971 494	3	467	6 12.6
534	9.545 014	20	9.573 523	23	0.426 477	9.971 491	3	466	7 14.7
535	9.545 034	20	9.573 546	23	0.426 454	9.971 488	3	465	8 16.8
536	9.545 054	20	9.573 569	23	0.426 431	9.971 486	2	464	9 18.9
537	9.545 075	21	9.573 592	23	0.426 408	9.971 483	3	463	
538	9.545 095	20	9.573 615	23	0.426 385	9.971 480	3	462	
539	9.545 115	20	9.573 638	23	0.426 362	9.971 477	3	461	20
•540	9.545 135	20	9.573 661	23	0.426 339	9.971 474	3	•460	1 2.0
541	9.545 156	21	9.573 684	23	0.426 316	9.971 471	3	459	2 4.0
542	9.545 176	20	9.573 707	23	0.426 293	9.971 468	3	458	3 6.0
543	9.545 196	20	9.573 730	23	0.426 270	9.971 466	2	457	4 8.0
544	9.545 216	20	9.573 753	23	0.426 247	9.971 463	3	456	5 10.0
545	9.545 237	21	9.573 777	24	0.426 223	9.971 460	3	455	6 12.0
546	9.545 257	20	9.573 800	23	0.426 200	9.971 457	3	454	7 14.0
547	9.545 277	20	9.573 823	23	0.426 177	9.971 454	3	453	8 16.0
548	9.545 297	20	9.573 846	23	0.426 154	9.971 451	3	452	9 18.0
549	9.545 317	20	9.573 869	23	0.426 131	9.971 449	2	451	
•550	9.545 338	21	9.573 892	23	0.426 108	9.971 446	3	•450	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.500 — 69°.450

20°.550 — 20°.600

20°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.545 338		9.573 892		0.426 108	9.971 446		.450	
551	9.545 358	20	9.573 915	23	0.426 085	9.971 443	3	449	
552	9.545 378	20	9.573 938	23	0.426 062	9.971 440	3	448	
553	9.545 398	20	9.573 961	23	0.426 039	9.971 437	3	447	
554	9.545 418	20	9.573 984	23	0.426 016	9.971 434	3	446	24
555	9.545 439	21	9.574 007	23	0.425 993	9.971 432	2	445	1 2.4
556	9.545 459	20	9.574 030	23	0.425 970	9.971 429	3	444	2 4.8
557	9.545 479	20	9.574 053	23	0.425 947	9.971 426	3	443	3 7.2
558	9.545 499	20	9.574 076	23	0.425 924	9.971 423	3	442	4 9.6
559	9.545 520	21	9.574 099	23	0.425 901	9.971 420	3	441	5 12.0
.560	9.545 540	20	9.574 122	23	0.425 878	9.971 417	3	.440	6 14.4
561	9.545 560	20	9.574 145	23	0.425 855	9.971 414	3	439	7 16.8
562	9.545 580	20	9.574 169	24	0.425 831	9.971 412	2	438	8 19.2
563	9.545 600	20	9.574 192	23	0.425 808	9.971 409	3	437	9 21.6
564	9.545 621	21	9.574 215	23	0.425 785	9.971 406	3	436	
565	9.545 641	20	9.574 238	23	0.425 762	9.971 403	3	435	23
566	9.545 661	20	9.574 261	23	0.425 739	9.971 400	3	434	
567	9.545 681	20	9.574 284	23	0.425 716	9.971 397	3	433	1 2.3
568	9.545 701	20	9.574 307	23	0.425 693	9.971 395	2	432	2 4.6
569	9.545 722	21	9.574 330	23	0.425 670	9.971 392	3	431	3 6.9
.570	9.545 742	20	9.574 353	23	0.425 647	9.971 389	3	.430	4 9.2
571	9.545 762	20	9.574 376	23	0.425 624	9.971 386	3	429	5 11.5
572	9.545 782	20	9.574 399	23	0.425 601	9.971 383	3	428	6 13.8
573	9.545 802	20	9.574 422	23	0.425 578	9.971 380	3	427	7 16.1
574	9.545 823	21	9.574 445	23	0.425 555	9.971 377	3	426	8 18.4
575	9.545 843	20	9.574 468	23	0.425 532	9.971 375	2	425	9 20.7
576	9.545 863	20	9.574 491	23	0.425 509	9.971 372	3	424	
577	9.545 883	20	9.574 514	23	0.425 486	9.971 369	3	423	21
578	9.545 903	20	9.574 537	23	0.425 463	9.971 366	3	422	
579	9.545 924	21	9.574 560	23	0.425 440	9.971 363	3	421	1 2.1
.580	9.545 944	20	9.574 583	23	0.425 417	9.971 360	3	.420	2 4.2
581	9.545 964	20	9.574 606	23	0.425 394	9.971 358	2	419	3 6.3
582	9.545 984	20	9.574 629	23	0.425 371	9.971 355	3	418	4 8.4
583	9.546 004	20	9.574 652	23	0.425 348	9.971 352	3	417	5 10.5
584	9.546 024	20	9.574 675	23	0.425 325	9.971 349	3	416	6 12.6
585	9.546 045	21	9.574 698	23	0.425 302	9.971 346	3	415	7 14.7
586	9.546 065	20	9.574 721	23	0.425 279	9.971 343	3	414	8 16.8
587	9.546 085	20	9.574 745	24	0.425 255	9.971 340	3	413	9 18.9
588	9.546 105	20	9.574 768	23	0.425 232	9.971 338	2	412	
589	9.546 125	20	9.574 791	23	0.425 209	9.971 335	3	411	20
.590	9.546 146	21	9.574 814	23	0.425 186	9.971 332	3	.410	
591	9.546 166	20	9.574 837	23	0.425 163	9.971 329	3	409	1 2.0
592	9.546 186	20	9.574 860	23	0.425 140	9.971 326	3	408	2 4.0
593	9.546 206	20	9.574 883	23	0.425 117	9.971 323	3	407	3 6.0
594	9.546 226	20	9.574 906	23	0.425 094	9.971 321	2	406	4 8.0
595	9.546 246	20	9.574 929	23	0.425 071	9.971 318	3	405	5 10.0
596	9.546 267	21	9.574 952	23	0.425 048	9.971 315	3	404	6 12.0
597	9.546 287	20	9.574 975	23	0.425 025	9.971 312	3	403	7 14.0
598	9.546 307	20	9.574 998	23	0.425 002	9.971 309	3	402	8 16.0
599	9.546 327	20	9.575 021	23	0.424 979	9.971 306	3	401	9 18.0
.600	9.546 347	20	9.575 044	23	0.424 956	9.971 303	3	.400	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

20°.600 — 20°.650

20°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.546 347		9.575 044		0.424 956	9.971 303		.400	
601	9.546 367	20	9.575 067	23	0.424 933	9.971 301	2	399	
602	9.546 388	21	9.575 090	23	0.424 910	9.971 298	3	398	
603	9.546 408	20	9.575 113	23	0.424 887	9.971 295	3	397	
604	9.546 428	20	9.575 136	23	0.424 864	9.971 292	3	396	23
605	9.546 448	20	9.575 159	23	0.424 841	9.971 289	3	395	1 2.3
606	9.546 468	20	9.575 182	23	0.424 818	9.971 286	3	394	2 4.6
607	9.546 488	20	9.575 205	23	0.424 795	9.971 284	2	393	3 6.9
608	9.546 509	21	9.575 228	23	0.424 772	9.971 281	3	392	4 9.2
609	9.546 529	20	9.575 251	23	0.424 749	9.971 278	3	391	5 11.5
.610	9.546 549	20	9.575 274	23	0.424 726	9.971 275	3	.390	6 13.8
611	9.546 569	20	9.575 297	23	0.424 703	9.971 272	3	389	7 16.1
612	9.546 589	20	9.575 320	23	0.424 680	9.971 269	3	388	8 18.4
613	9.546 609	20	9.575 343	23	0.424 657	9.971 266	3	387	9 20.7
614	9.546 629	20	9.575 366	23	0.424 634	9.971 264	2	386	
615	9.546 650	21	9.575 389	23	0.424 611	9.971 261	3	385	
616	9.546 670	20	9.575 412	23	0.424 588	9.971 258	3	384	22
617	9.546 690	20	9.575 435	23	0.424 565	9.971 255	3	383	1 2.2
618	9.546 710	20	9.575 458	23	0.424 542	9.971 252	3	382	2 4.4
619	9.546 730	20	9.575 481	23	0.424 519	9.971 249	3	381	3 6.6
.620	9.546 750	20	9.575 504	23	0.424 496	9.971 246	3	.380	4 8.8
621	9.546 770	20	9.575 527	23	0.424 473	9.971 244	2	379	5 11.0
622	9.546 791	21	9.575 550	23	0.424 450	9.971 241	3	378	6 13.2
623	9.546 811	20	9.575 573	23	0.424 427	9.971 238	3	377	7 15.4
624	9.546 831	20	9.575 596	23	0.424 404	9.971 235	3	376	8 17.6
625	9.546 851	20	9.575 619	23	0.424 381	9.971 232	3	375	9 19.8
626	9.546 871	20	9.575 642	23	0.424 358	9.971 229	3	374	
627	9.546 891	20	9.575 665	23	0.424 335	9.971 226	3	373	
628	9.546 911	20	9.575 688	23	0.424 312	9.971 224	2	372	21
629	9.546 932	21	9.575 711	23	0.424 289	9.971 221	3	371	1 2.1
.630	9.546 952	20	9.575 734	23	0.424 266	9.971 218	3	.370	2 4.2
631	9.546 972	20	9.575 757	23	0.424 243	9.971 215	3	369	3 6.3
632	9.546 992	20	9.575 780	23	0.424 220	9.971 212	3	368	4 8.4
633	9.547 012	20	9.575 803	23	0.424 197	9.971 209	3	367	5 10.5
634	9.547 032	20	9.575 826	23	0.424 174	9.971 207	2	366	6 12.6
635	9.547 052	20	9.575 849	23	0.424 151	9.971 204	3	365	7 14.7
636	9.547 073	21	9.575 872	23	0.424 128	9.971 201	3	364	8 16.8
637	9.547 093	20	9.575 895	23	0.424 105	9.971 198	3	363	9 18.9
638	9.547 113	20	9.575 918	23	0.424 082	9.971 195	3	362	
639	9.547 133	20	9.575 941	23	0.424 059	9.971 192	3	361	
.640	9.547 153	20	9.575 964	23	0.424 036	9.971 189	3	.360	20
641	9.547 173	20	9.575 987	23	0.424 013	9.971 187	2	359	1 2.0
642	9.547 193	20	9.576 010	23	0.423 990	9.971 184	3	358	2 4.0
643	9.547 213	20	9.576 033	23	0.423 967	9.971 181	3	357	3 6.0
644	9.547 234	21	9.576 056	23	0.423 944	9.971 178	3	356	4 8.0
645	9.547 254	20	9.576 079	23	0.423 921	9.971 175	3	355	5 10.0
646	9.547 274	20	9.576 101	22	0.423 899	9.971 172	3	354	6 12.0
647	9.547 294	20	9.576 124	23	0.423 876	9.971 169	3	353	7 14.0
648	9.547 314	20	9.576 147	23	0.423 853	9.971 167	2	352	8 16.0
649	9.547 334	20	9.576 170	23	0.423 830	9.971 164	3	351	9 18.0
.650	9.547 354	20	9.576 193	23	0.423 807	9.971 161	3	.350	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.400 — 69°.350

20°.650 — 20°.700

20°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.547 354		9.576 193		0.423 807	9.971 161		.350	
651	9.547 374	20	9.576 216	23	0.423 784	9.971 158	3	349	
652	9.547 394	20	9.576 239	23	0.423 761	9.971 155	3	348	
653	9.547 415	21	9.576 262	23	0.423 738	9.971 152	3	347	
		20		23			3		23
654	9.547 435	20	9.576 285	23	0.423 715	9.971 149	2	346	1 2.3
655	9.547 455	20	9.576 308	23	0.423 692	9.971 147	3	345	2 4.6
656	9.547 475	20	9.576 331	23	0.423 669	9.971 144	3	344	3 6.9
		20		23			3		4 9.2
657	9.547 495	20	9.576 354	23	0.423 646	9.971 141	3	343	5 11.5
658	9.547 515	20	9.576 377	23	0.423 623	9.971 138	3	342	6 13.8
659	9.547 535	20	9.576 400	23	0.423 600	9.971 135	3	341	7 16.1
		20		23			3		8 18.4
.660	9.547 555	20	9.576 423	23	0.423 577	9.971 132	3	.340	9 20.7
		20		23			3		
661	9.547 575	20	9.576 446	23	0.423 554	9.971 129	2	339	
662	9.547 595	21	9.576 469	23	0.423 531	9.971 127	3	338	
663	9.547 616	20	9.576 492	23	0.423 508	9.971 124	3	337	
		20		23			3		22
664	9.547 636	20	9.576 515	23	0.423 485	9.971 121	3	336	1 2.2
665	9.547 656	20	9.576 538	23	0.423 462	9.971 118	3	335	2 4.4
666	9.547 676	20	9.576 561	23	0.423 439	9.971 115	3	334	3 6.6
		20		23			3		4 8.8
667	9.547 696	20	9.576 584	23	0.423 416	9.971 112	3	333	5 11.0
668	9.547 716	20	9.576 607	23	0.423 393	9.971 109	3	332	6 13.2
669	9.547 736	20	9.576 630	23	0.423 370	9.971 107	2	331	7 15.4
		20		23			3		8 17.6
.670	9.547 756	20	9.576 653	23	0.423 347	9.971 104	3	.330	9 19.8
		20		23			3		
671	9.547 776	20	9.576 676	22	0.423 324	9.971 101	3	329	
672	9.547 796	21	9.576 698	23	0.423 302	9.971 098	3	328	
673	9.547 817	20	9.576 721	23	0.423 279	9.971 095	3	327	
		20		23			3		
674	9.547 837	20	9.576 744	23	0.423 256	9.971 092	3	326	
675	9.547 857	20	9.576 767	23	0.423 233	9.971 089	3	325	
676	9.547 877	20	9.576 790	23	0.423 210	9.971 087	2	324	
		20		23			3		
677	9.547 897	20	9.576 813	23	0.423 187	9.971 084	3	323	21
678	9.547 917	20	9.576 836	23	0.423 164	9.971 081	3	322	
679	9.547 937	20	9.576 859	23	0.423 141	9.971 078	3	321	1 2.1
		20		23			3		2 4.2
.680	9.547 957	20	9.576 882	23	0.423 118	9.971 075	3	.320	3 6.3
		20		23			3		4 8.4
681	9.547 977	20	9.576 905	23	0.423 095	9.971 072	3	319	5 10.5
682	9.547 997	20	9.576 928	23	0.423 072	9.971 069	3	318	6 12.6
683	9.548 017	20	9.576 951	23	0.423 049	9.971 066	3	317	7 14.7
		20		23			2		8 16.8
684	9.548 037	20	9.576 974	23	0.423 026	9.971 064	3	316	9 18.9
685	9.548 057	21	9.576 997	23	0.423 003	9.971 061	3	315	
686	9.548 078	20	9.577 020	23	0.422 980	9.971 058	3	314	
		20		23			3		
687	9.548 098	20	9.577 043	23	0.422 957	9.971 055	3	313	
688	9.548 118	20	9.577 066	23	0.422 934	9.971 052	3	312	
689	9.548 138	20	9.577 088	22	0.422 912	9.971 049	3	311	
		20		23			3		20
.690	9.548 158	20	9.577 111	23	0.422 889	9.971 046	3	.310	
		20		23			2		1 2.0
691	9.548 178	20	9.577 134	23	0.422 866	9.971 044	3	309	2 4.0
692	9.548 198	20	9.577 157	23	0.422 843	9.971 041	3	308	3 6.0
693	9.548 218	20	9.577 180	23	0.422 820	9.971 038	3	307	4 8.0
		20		23			3		5 10.0
694	9.548 238	20	9.577 203	23	0.422 797	9.971 035	3	306	6 12.0
695	9.548 258	20	9.577 226	23	0.422 774	9.971 032	3	305	7 14.0
696	9.548 278	20	9.577 249	23	0.422 751	9.971 029	3	304	8 16.0
		20		23			3		9 18.0
697	9.548 298	20	9.577 272	23	0.422 728	9.971 026	3	303	
698	9.548 318	20	9.577 295	23	0.422 705	9.971 024	2	302	
699	9.548 338	20	9.577 318	23	0.422 682	9.971 021	3	301	
		21		23			3		
.700	9.548 359	21	9.577 341	23	0.422 659	9.971 018	3	.300	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.350 — 69°.300

20°.700 — 20°.750

20°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.548 359		9.577 341		0.422 659	9.971 018		.300	
701	9.548 379	20	9.577 364	23	0.422 636	9.971 015	3	299	
702	9.548 399	20	9.577 387	23	0.422 613	9.971 012	3	298	
703	9.548 419	20	9.577 409	22	0.422 591	9.971 009	3	297	
704	9.548 439	20	9.577 432	23	0.422 568	9.971 006	3	296	23
705	9.548 459	20	9.577 455	23	0.422 545	9.971 003	3	295	1 2.3
706	9.548 479	20	9.577 478	23	0.422 522	9.971 001	2	294	2 4.6
707	9.548 499	20	9.577 501	23	0.422 499	9.970 998	3	293	3 6.9
708	9.548 519	20	9.577 524	23	0.422 476	9.970 995	3	292	4 9.2
709	9.548 539	20	9.577 547	23	0.422 453	9.970 992	3	291	5 11.5
.710	9.548 559	20	9.577 570	23	0.422 430	9.970 989	3	.290	6 13.8
711	9.548 579	20	9.577 593	23	0.422 407	9.970 986	3	289	7 16.1
712	9.548 599	20	9.577 616	23	0.422 384	9.970 983	3	288	8 18.4
713	9.548 619	20	9.577 639	23	0.422 361	9.970 981	2	287	9 20.7
714	9.548 639	20	9.577 662	23	0.422 338	9.970 978	3	286	
715	9.548 659	20	9.577 684	22	0.422 316	9.970 975	3	285	22
716	9.548 679	20	9.577 707	23	0.422 293	9.970 972	3	284	1 2.2
717	9.548 699	20	9.577 730	23	0.422 270	9.970 969	3	283	2 4.4
718	9.548 719	20	9.577 753	23	0.422 247	9.970 966	3	282	3 6.6
719	9.548 739	20	9.577 776	23	0.422 224	9.970 963	3	281	4 8.8
.720	9.548 759	20	9.577 799	23	0.422 201	9.970 960	3	.280	5 11.0
721	9.548 780	21	9.577 822	23	0.422 178	9.970 958	2	279	6 13.2
722	9.548 800	20	9.577 845	23	0.422 155	9.970 955	3	278	7 15.4
723	9.548 820	20	9.577 868	23	0.422 132	9.970 952	3	277	8 17.6
724	9.548 840	20	9.577 891	23	0.422 109	9.970 949	3	276	9 19.8
725	9.548 860	20	9.577 914	23	0.422 086	9.970 946	3	275	
726	9.548 880	20	9.577 936	22	0.422 064	9.970 943	3	274	
727	9.548 900	20	9.577 959	23	0.422 041	9.970 940	3	273	21
728	9.548 920	20	9.577 982	23	0.422 018	9.970 938	2	272	1 2.1
729	9.548 940	20	9.578 005	23	0.421 995	9.970 935	3	271	2 4.2
.730	9.548 960	20	9.578 028	23	0.421 972	9.970 932	3	.270	3 6.3
731	9.548 980	20	9.578 051	23	0.421 949	9.970 929	3	269	4 8.4
732	9.549 000	20	9.578 074	23	0.421 926	9.970 926	3	268	5 10.5
733	9.549 020	20	9.578 097	23	0.421 903	9.970 923	3	267	6 12.6
734	9.549 040	20	9.578 120	23	0.421 880	9.970 920	3	266	7 14.7
735	9.549 060	20	9.578 142	22	0.421 858	9.970 917	3	265	8 16.8
736	9.549 080	20	9.578 165	23	0.421 835	9.970 915	2	264	9 18.9
737	9.549 100	20	9.578 188	23	0.421 812	9.970 912	3	263	
738	9.549 120	20	9.578 211	23	0.421 789	9.970 909	3	262	
739	9.549 140	20	9.578 234	23	0.421 766	9.970 906	3	261	20
.740	9.549 160	20	9.578 257	23	0.421 743	9.970 903	3	.260	1 2.0
741	9.549 180	20	9.578 280	23	0.421 720	9.970 900	3	259	2 4.0
742	9.549 200	20	9.578 303	23	0.421 697	9.970 897	3	258	3 6.0
743	9.549 220	20	9.578 326	23	0.421 674	9.970 895	2	257	4 8.0
744	9.549 240	20	9.578 348	22	0.421 652	9.970 892	3	256	5 10.0
745	9.549 260	20	9.578 371	23	0.421 629	9.970 889	3	255	6 12.0
746	9.549 280	20	9.578 394	23	0.421 606	9.970 886	3	254	7 14.0
747	9.549 300	20	9.578 417	23	0.421 583	9.970 883	3	253	8 16.0
748	9.549 320	20	9.578 440	23	0.421 560	9.970 880	3	252	9 18.0
749	9.549 340	20	9.578 463	23	0.421 537	9.970 877	3	251	
.750	9.549 360	20	9.578 486	23	0.421 514	9.970 874	3	.250	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.300 — 69°.250

20°.750 — 20°.800

20°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.549 360		9.578 486		0.421 514	9.970 874		.250	
751	9.549 380	20	9.578 509	23	0.421 491	9.970 872	2	249	
752	9.549 400	20	9.578 532	23	0.421 468	9.970 869	3	248	
753	9.549 420	20	9.578 554	22	0.421 446	9.970 866	3	247	
		20		23			3		23
754	9.549 440	20	9.578 577	23	0.421 423	9.970 863	3	246	
755	9.549 460	20	9.578 600	23	0.421 400	9.970 860	3	245	1 2.3
756	9.549 480	20	9.578 623	23	0.421 377	9.970 857	3	244	2 4.6
		20		23			3		3 6.9
757	9.549 500	20	9.578 646	23	0.421 354	9.970 854	3	243	4 9.2
758	9.549 520	20	9.578 669	23	0.421 331	9.970 851	3	242	5 11.5
759	9.549 540	20	9.578 692	23	0.421 308	9.970 849	2	241	6 13.8
		20		22			3		7 16.1
.760	9.549 560		9.578 714		0.421 286	9.970 846		.240	8 18.4
		20		23			3		9 20.7
761	9.549 580	20	9.578 737	23	0.421 263	9.970 843	3	239	
762	9.549 600	20	9.578 760	23	0.421 240	9.970 840	3	238	
763	9.549 620	20	9.578 783	23	0.421 217	9.970 837	3	237	
		20		23			3		
764	9.549 640	20	9.578 806	23	0.421 194	9.970 834	3	236	
765	9.549 660	20	9.578 829	23	0.421 171	9.970 831	3	235	
766	9.549 680	20	9.578 852	23	0.421 148	9.970 828	3	234	22
		20		23			2		
767	9.549 700	20	9.578 875	23	0.421 125	9.970 826	3	233	1 2.2
768	9.549 720	20	9.578 897	22	0.421 103	9.970 823	3	232	2 4.4
769	9.549 740	20	9.578 920	23	0.421 080	9.970 820	3	231	3 6.6
		20		23			3		4 8.8
.770	9.549 760		9.578 943		0.421 057	9.970 817		.230	5 11.0
		20		23			3		6 13.2
771	9.549 780	20	9.578 966	23	0.421 034	9.970 814	3	229	7 15.4
772	9.549 800	20	9.578 989	23	0.421 011	9.970 811	3	228	8 17.6
773	9.549 820	20	9.579 012	23	0.420 988	9.970 808	3	227	9 19.8
		20		23			3		
774	9.549 840	20	9.579 035	22	0.420 965	9.970 805	2	226	
775	9.549 860	20	9.579 057	23	0.420 943	9.970 803	3	225	
776	9.549 880	20	9.579 080	23	0.420 920	9.970 800	3	224	
		20		23			3		
777	9.549 900	20	9.579 103	23	0.420 897	9.970 797	3	223	20
778	9.549 920	20	9.579 126	23	0.420 874	9.970 794	3	222	
779	9.549 940	20	9.579 149	23	0.420 851	9.970 791	3	221	1 2.0
		20		23			3		2 4.0
.780	9.549 960		9.579 172		0.420 828	9.970 788		.220	3 6.0
		20		23			3		4 8.0
781	9.549 980	20	9.579 195	22	0.420 805	9.970 785	3	219	5 10.0
782	9.550 000	20	9.579 217	23	0.420 783	9.970 782	3	218	6 12.0
783	9.550 020	20	9.579 240	23	0.420 760	9.970 780	2	217	7 14.0
		20		23			3		8 16.0
784	9.550 040	20	9.579 263	23	0.420 737	9.970 777	3	216	9 18.0
785	9.550 060	20	9.579 286	23	0.420 714	9.970 774	3	215	
786	9.550 080	20	9.579 309	23	0.420 691	9.970 771	3	214	
		20		23			3		
787	9.550 100	20	9.579 332	22	0.420 668	9.970 768	3	213	
788	9.550 120	20	9.579 354	23	0.420 646	9.970 765	3	212	
789	9.550 140	20	9.579 377	23	0.420 623	9.970 762	3	211	
		20		23			3		19
.790	9.550 160		9.579 400		0.420 600	9.970 759		.210	1 1.9
		20		23			2		2 3.8
791	9.550 180	20	9.579 423	23	0.420 577	9.970 757	3	209	3 5.7
792	9.550 200	20	9.579 446	23	0.420 554	9.970 754	3	208	4 7.6
793	9.550 219	19	9.579 469	23	0.420 531	9.970 751	3	207	5 9.5
		20		23			3		6 11.4
794	9.550 239	20	9.579 492	22	0.420 508	9.970 748	3	206	7 13.3
795	9.550 259	20	9.579 514	22	0.420 486	9.970 745	3	205	8 15.2
796	9.550 279	20	9.579 537	23	0.420 463	9.970 742	3	204	9 17.1
		20		23			3		
797	9.550 299	20	9.579 560	23	0.420 440	9.970 739	3	203	
798	9.550 319	20	9.579 583	23	0.420 417	9.970 736	3	202	
799	9.550 339	20	9.579 606	23	0.420 394	9.970 734	2	201	
		20		23			3		
.800	9.550 359		9.579 629		0.420 371	9.970 731		.200	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.250 — 69°.200

20°.800 — 20°.850

20°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.550 359		9.579 629		0.420 371	9.970 731		.200	
801	9.550 379	20	9.579 651	22	0.420 349	9.970 728	3	199	
802	9.550 399	20	9.579 674	23	0.420 326	9.970 725	3	198	
803	9.550 419	20	9.579 697	23	0.420 303	9.970 722	3	197	
804	9.550 439	20	9.579 720	23	0.420 280	9.970 719	3	196	23
805	9.550 459	20	9.579 743	23	0.420 257	9.970 716	3	195	1 2.3
806	9.550 479	20	9.579 766	23	0.420 234	9.970 713	3	194	2 4.6
807	9.550 499	20	9.579 788	22	0.420 212	9.970 710	3	193	3 6.9
808	9.550 519	20	9.579 811	23	0.420 189	9.970 708	2	192	4 9.2
809	9.550 539	20	9.579 834	23	0.420 166	9.970 705	3	191	5 11.5
.810	9.550 559	20	9.579 857	23	0.420 143	9.970 702	3	.190	6 13.8
811	9.550 579	20	9.579 880	23	0.420 120	9.970 699	3	189	7 16.1
812	9.550 599	20	9.579 902	22	0.420 098	9.970 696	3	188	8 18.4
813	9.550 619	20	9.579 925	23	0.420 075	9.970 693	3	187	9 20.7
814	9.550 638	19	9.579 948	23	0.420 052	9.970 690	3	186	
815	9.550 658	20	9.579 971	23	0.420 029	9.970 687	3	185	
816	9.550 678	20	9.579 994	23	0.420 006	9.970 685	2	184	22
817	9.550 698	20	9.580 017	23	0.419 983	9.970 682	3	183	1 2.2
818	9.550 718	20	9.580 039	22	0.419 961	9.970 679	3	182	2 4.4
819	9.550 738	20	9.580 062	23	0.419 938	9.970 676	3	181	3 6.6
.820	9.550 758	20	9.580 085	23	0.419 915	9.970 673	3	.180	4 8.8
821	9.550 778	20	9.580 108	23	0.419 892	9.970 670	3	179	5 11.0
822	9.550 798	20	9.580 131	23	0.419 869	9.970 667	3	178	6 13.2
823	9.550 818	20	9.580 153	22	0.419 847	9.970 664	3	177	7 15.4
824	9.550 838	20	9.580 176	23	0.419 824	9.970 661	3	176	8 17.6
825	9.550 858	20	9.580 199	23	0.419 801	9.970 659	2	175	9 19.8
826	9.550 878	20	9.580 222	23	0.419 778	9.970 656	3	174	
827	9.550 898	20	9.580 245	23	0.419 755	9.970 653	3	173	
828	9.550 917	19	9.580 268	23	0.419 732	9.970 650	3	172	20
829	9.550 937	20	9.580 290	22	0.419 710	9.970 647	3	171	1 2.0
.830	9.550 957	20	9.580 313	23	0.419 687	9.970 644	3	.170	2 4.0
831	9.550 977	20	9.580 336	23	0.419 664	9.970 641	3	169	3 6.0
832	9.550 997	20	9.580 359	23	0.419 641	9.970 638	3	168	4 8.0
833	9.551 017	20	9.580 382	23	0.419 618	9.970 636	2	167	5 10.0
834	9.551 037	20	9.580 404	22	0.419 596	9.970 633	3	166	6 12.0
835	9.551 057	20	9.580 427	23	0.419 573	9.970 630	3	165	7 14.0
836	9.551 077	20	9.580 450	23	0.419 550	9.970 627	3	164	8 16.0
837	9.551 097	20	9.580 473	23	0.419 527	9.970 624	3	163	9 18.0
838	9.551 117	20	9.580 496	23	0.419 504	9.970 621	3	162	
839	9.551 137	20	9.580 518	22	0.419 482	9.970 618	3	161	
.840	9.551 157	20	9.580 541	23	0.419 459	9.970 615	3	.160	19
841	9.551 176	19	9.580 564	23	0.419 436	9.970 612	3	159	1 1.9
842	9.551 196	20	9.580 587	23	0.419 413	9.970 610	2	158	2 3.8
843	9.551 216	20	9.580 610	23	0.419 390	9.970 607	3	157	3 5.7
844	9.551 236	20	9.580 632	22	0.419 368	9.970 604	3	156	4 7.6
845	9.551 256	20	9.580 655	23	0.419 345	9.970 601	3	155	5 9.5
846	9.551 276	20	9.580 678	23	0.419 322	9.970 598	3	154	6 11.4
847	9.551 296	20	9.580 701	23	0.419 299	9.970 595	3	153	7 13.3
848	9.551 316	20	9.580 724	23	0.419 276	9.970 592	3	152	8 15.2
849	9.551 336	20	9.580 746	22	0.419 254	9.970 589	3	151	9 17.1
.850	9.551 356	20	9.580 769	23	0.419 231	9.970 586	3	.150	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.200 — 69°.150

20°.850 — 20°.900

20°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.551 356		9.580 769		0.419 231	9.970 586		.150	
851	9.551 375	19	9.580 792	23	0.419 208	9.970 584	2	149	
852	9.551 395	20	9.580 815	23	0.419 185	9.970 581	3	148	
853	9.551 415	20	9.580 837	22	0.419 163	9.970 578	3	147	
854	9.551 435	20	9.580 860	23	0.419 140	9.970 575	3	146	23
855	9.551 455	20	9.580 883	23	0.419 117	9.970 572	3	145	1 2.3
856	9.551 475	20	9.580 906	23	0.419 094	9.970 569	3	144	2 4.6
857	9.551 495	20	9.580 929	23	0.419 071	9.970 566	3	143	3 6.9
858	9.551 515	20	9.580 951	22	0.419 049	9.970 563	3	142	4 9.2
859	9.551 535	20	9.580 974	23	0.419 026	9.970 560	3	141	5 11.5
.860	9.551 555	20	9.580 997	23	0.419 003	9.970 558	2	.140	6 13.8
861	9.551 574	19	9.581 020	23	0.418 980	9.970 555	3	139	7 16.1
862	9.551 594	20	9.581 043	23	0.418 957	9.970 552	3	138	8 18.4
863	9.551 614	20	9.581 065	22	0.418 935	9.970 549	3	137	9 20.7
864	9.551 634	20	9.581 088	23	0.418 912	9.970 546	3	136	
865	9.551 654	20	9.581 111	23	0.418 889	9.970 543	3	135	22
866	9.551 674	20	9.581 134	23	0.418 866	9.970 540	3	134	1 2.2
867	9.551 694	20	9.581 156	22	0.418 844	9.970 537	3	133	2 4.4
868	9.551 714	20	9.581 179	23	0.418 821	9.970 534	3	132	3 6.6
869	9.551 734	20	9.581 202	23	0.418 798	9.970 532	2	131	4 8.8
.870	9.551 753	19	9.581 225	23	0.418 775	9.970 529	3	.130	5 11.0
871	9.551 773	20	9.581 247	22	0.418 753	9.970 526	3	129	6 13.2
872	9.551 793	20	9.581 270	23	0.418 730	9.970 523	3	128	7 15.4
873	9.551 813	20	9.581 293	23	0.418 707	9.970 520	3	127	8 17.6
874	9.551 833	20	9.581 316	23	0.418 684	9.970 517	3	126	9 19.8
875	9.551 853	20	9.581 339	23	0.418 661	9.970 514	3	125	
876	9.551 873	20	9.581 361	22	0.418 639	9.970 511	3	124	
877	9.551 893	20	9.581 384	23	0.418 616	9.970 508	3	123	20
878	9.551 912	19	9.581 407	23	0.418 593	9.970 506	2	122	1 2.0
879	9.551 932	20	9.581 430	23	0.418 570	9.970 503	3	121	2 4.0
.880	9.551 952	20	9.581 452	22	0.418 548	9.970 500	3	.120	3 6.0
881	9.551 972	20	9.581 475	23	0.418 525	9.970 497	3	119	4 8.0
882	9.551 992	20	9.581 498	23	0.418 502	9.970 494	3	118	5 10.0
883	9.552 012	20	9.581 521	23	0.418 479	9.970 491	3	117	6 12.0
884	9.552 032	20	9.581 543	22	0.418 457	9.970 488	3	116	7 14.0
885	9.552 052	20	9.581 566	23	0.418 434	9.970 485	3	115	8 16.0
886	9.552 071	19	9.581 589	23	0.418 411	9.970 482	3	114	9 18.0
887	9.552 091	20	9.581 612	23	0.418 388	9.970 480	2	113	
888	9.552 111	20	9.581 634	22	0.418 366	9.970 477	3	112	
889	9.552 131	20	9.581 657	23	0.418 343	9.970 474	3	111	19
.890	9.552 151	20	9.581 680	23	0.418 320	9.970 471	3	.110	1 1.9
891	9.552 171	20	9.581 703	23	0.418 297	9.970 468	3	109	2 3.8
892	9.552 191	20	9.581 725	22	0.418 275	9.970 465	3	108	3 5.7
893	9.552 210	19	9.581 748	23	0.418 252	9.970 462	3	107	4 7.6
894	9.552 230	20	9.581 771	23	0.418 229	9.970 459	3	106	5 9.5
895	9.552 250	20	9.581 794	23	0.418 206	9.970 456	3	105	6 11.4
896	9.552 270	20	9.581 816	22	0.418 184	9.970 454	2	104	7 13.3
897	9.552 290	20	9.581 839	23	0.418 161	9.970 451	3	103	8 15.2
898	9.552 310	20	9.581 862	23	0.418 138	9.970 448	3	102	9 17.1
899	9.552 330	20	9.581 885	23	0.418 115	9.970 445	3	101	
.900	9.552 349	19	9.581 907	22	0.418 093	9.970 442	3	.100	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

20°.900 — 20°.950

20°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.552 349		9.581 907		0.418 093	9.970 442		.100	
901	9.552 369	20	9.581 930	23	0.418 070	9.970 439	3	099	
902	9.552 389	20	9.581 953	23	0.418 047	9.970 436	3	098	
903	9.552 409	20	9.581 976	23	0.418 024	9.970 433	3	097	
904	9.552 429	20	9.581 998	22	0.418 002	9.970 430	3	096	23
905	9.552 449	20	9.582 021	23	0.417 979	9.970 427	3	095	1 2.3
906	9.552 468	19	9.582 044	23	0.417 956	9.970 425	2	094	2 4.6
907	9.552 488	20	9.582 067	23	0.417 933	9.970 422	3	093	3 6.9
908	9.552 508	20	9.582 089	22	0.417 911	9.970 419	3	092	4 9.2
909	9.552 528	20	9.582 112	23	0.417 888	9.970 416	3	091	5 11.5
.910	9.552 548	20	9.582 135	23	0.417 865	9.970 413	3	.090	6 13.8
911	9.552 568	20	9.582 158	23	0.417 842	9.970 410	3	089	7 16.1
912	9.552 587	19	9.582 180	22	0.417 820	9.970 407	3	088	8 18.4
913	9.552 607	20	9.582 203	23	0.417 797	9.970 404	3	087	9 20.7
914	9.552 627	20	9.582 226	23	0.417 774	9.970 401	3	086	
915	9.552 647	20	9.582 248	22	0.417 752	9.970 399	2	085	22
916	9.552 667	20	9.582 271	23	0.417 729	9.970 396	3	084	
917	9.552 687	20	9.582 294	23	0.417 706	9.970 393	3	083	1 2.2
918	9.552 706	19	9.582 317	23	0.417 683	9.970 390	3	082	2 4.4
919	9.552 726	20	9.582 339	22	0.417 661	9.970 387	3	081	3 6.6
.920	9.552 746	20	9.582 362	23	0.417 638	9.970 384	3	.080	4 8.8
921	9.552 766	20	9.582 385	23	0.417 615	9.970 381	3	079	5 11.0
922	9.552 786	20	9.582 408	23	0.417 592	9.970 378	3	078	6 13.2
923	9.552 806	20	9.582 430	22	0.417 570	9.970 375	3	077	7 15.4
924	9.552 825	19	9.582 453	23	0.417 547	9.970 372	3	076	8 17.6
925	9.552 845	20	9.582 476	23	0.417 524	9.970 370	2	075	9 19.8
926	9.552 865	20	9.582 498	22	0.417 502	9.970 367	3	074	
927	9.552 885	20	9.582 521	23	0.417 479	9.970 364	3	073	20
928	9.552 905	20	9.582 544	23	0.417 456	9.970 361	3	072	
929	9.552 925	20	9.582 567	23	0.417 433	9.970 358	3	071	1 2.0
.930	9.552 944	19	9.582 589	22	0.417 411	9.970 355	3	.070	2 4.0
931	9.552 964	20	9.582 612	23	0.417 388	9.970 352	3	069	3 6.0
932	9.552 984	20	9.582 635	23	0.417 365	9.970 349	3	068	4 8.0
933	9.553 004	20	9.582 658	23	0.417 342	9.970 346	3	067	5 10.0
934	9.553 024	20	9.582 680	22	0.417 320	9.970 343	3	066	6 12.0
935	9.553 043	19	9.582 703	23	0.417 297	9.970 341	2	065	7 14.0
936	9.553 063	20	9.582 726	23	0.417 274	9.970 338	3	064	8 16.0
937	9.553 083	20	9.582 748	22	0.417 252	9.970 335	3	063	9 18.0
938	9.553 103	20	9.582 771	23	0.417 229	9.970 332	3	062	
939	9.553 123	20	9.582 794	23	0.417 206	9.970 329	3	061	19
.940	9.553 143	20	9.582 816	22	0.417 184	9.970 326	3	.060	
941	9.553 162	19	9.582 839	23	0.417 161	9.970 323	3	059	1 1.9
942	9.553 182	20	9.582 862	23	0.417 138	9.970 320	3	058	2 3.8
943	9.553 202	20	9.582 885	23	0.417 115	9.970 317	3	057	3 5.7
944	9.553 222	20	9.582 907	22	0.417 093	9.970 314	3	056	4 7.6
945	9.553 242	20	9.582 930	22	0.417 070	9.970 312	2	055	5 9.5
946	9.553 261	19	9.582 953	23	0.417 047	9.970 309	3	054	6 11.4
947	9.553 281	20	9.582 975	22	0.417 025	9.970 306	3	053	7 13.3
948	9.553 301	20	9.582 998	23	0.417 002	9.970 303	2	052	8 15.2
949	9.553 321	20	9.583 021	23	0.416 979	9.970 300	3	051	9 17.1
.950	9.553 341	20	9.583 044	23	0.416 956	9.970 297	3	.050	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

69°.100 — 69°.050

20°.950 — 21°.000

20°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.553 341		9.583 044		0.416 956	9.970 297		.050	
951	9.553 360	19	9.583 066	22	0.416 934	9.970 294	3	049	
952	9.553 380	20	9.583 089	23	0.416 911	9.970 291	3	048	
953	9.553 400	20	9.583 112	23	0.416 888	9.970 288	3	047	
		20		22			3		23
954	9.553 420	20	9.583 134	23	0.416 866	9.970 285	2	046	1 2.3
955	9.553 440	19	9.583 157	23	0.416 843	9.970 283	3	045	2 4.6
956	9.553 459	20	9.583 180	23	0.416 820	9.970 280	3	044	3 6.9
		20		22			3		4 9.2
957	9.553 479	20	9.583 202	23	0.416 798	9.970 277	3	043	5 11.5
958	9.553 499	20	9.583 225	23	0.416 775	9.970 274	3	042	6 13.8
959	9.553 519	19	9.583 248	22	0.416 752	9.970 271	3	041	7 16.1
.960	9.553 538	20	9.583 270	23	0.416 730	9.970 268	3	.040	8 18.4
		20		23			3		9 20.7
961	9.553 558	20	9.583 293	23	0.416 707	9.970 265	3	039	
962	9.553 578	20	9.583 316	23	0.416 684	9.970 262	3	038	
963	9.553 598	20	9.583 339	22	0.416 661	9.970 259	3	037	
		20		22			3		22
964	9.553 618	19	9.583 361	23	0.416 639	9.970 256	3	036	1 2.2
965	9.553 637	20	9.583 384	23	0.416 616	9.970 253	3	035	2 4.4
966	9.553 657	20	9.583 407	23	0.416 593	9.970 251	2	034	3 6.6
		20		22			3		4 8.8
967	9.553 677	20	9.583 429	23	0.416 571	9.970 248	3	033	5 11.0
968	9.553 697	20	9.583 452	23	0.416 548	9.970 245	3	032	6 13.2
969	9.553 717	19	9.583 475	22	0.416 525	9.970 242	3	031	7 15.4
.970	9.553 736	20	9.583 497	23	0.416 503	9.970 239	3	.030	8 17.6
		20		23			3		9 19.8
971	9.553 756	20	9.583 520	23	0.416 480	9.970 236	3	029	
972	9.553 776	20	9.583 543	22	0.416 457	9.970 233	3	028	
973	9.553 796	19	9.583 565	23	0.416 435	9.970 230	3	027	
		20		23			3		026
974	9.553 815	20	9.583 588	23	0.416 412	9.970 227	3	025	025
975	9.553 835	20	9.583 611	22	0.416 389	9.970 224	2	024	024
976	9.553 855	20	9.583 633	23	0.416 367	9.970 222	3	023	
		19		23			3		20
977	9.553 875	20	9.583 656	23	0.416 344	9.970 219	3	022	1 2.0
978	9.553 894	20	9.583 679	22	0.416 321	9.970 216	3	021	2 4.0
979	9.553 914	20	9.583 701	23	0.416 299	9.970 213	3		3 6.0
.980	9.553 934	20	9.583 724	23	0.416 276	9.970 210	3	.020	4 8.0
		20		22			3		5 10.0
981	9.553 954	20	9.583 747	23	0.416 253	9.970 207	3	019	6 12.0
982	9.553 974	19	9.583 769	23	0.416 231	9.970 204	3	018	7 14.0
983	9.553 993	20	9.583 792	23	0.416 208	9.970 201	3	017	8 16.0
		20		22			3		9 18.0
984	9.554 013	20	9.583 815	23	0.416 185	9.970 198	3	016	
985	9.554 033	20	9.583 837	23	0.416 163	9.970 195	3	015	
986	9.554 053	19	9.583 860	23	0.416 140	9.970 192	2	014	
		20		23			3		
987	9.554 072	20	9.583 883	22	0.416 117	9.970 190	3	013	
988	9.554 092	20	9.583 905	23	0.416 095	9.970 187	3	012	
989	9.554 112	20	9.583 928	23	0.416 072	9.970 184	3	011	
.990	9.554 132	19	9.583 951	22	0.416 049	9.970 181	3	.010	19
		20		22			3		1 1.9
991	9.554 151	20	9.583 973	23	0.416 027	9.970 178	3	009	2 3.8
992	9.554 171	20	9.583 996	23	0.416 004	9.970 175	3	008	3 5.7
993	9.554 191	20	9.584 019	22	0.415 981	9.970 172	3	007	4 7.6
		20		22			3		5 9.5
994	9.554 211	19	9.584 041	23	0.415 959	9.970 169	3	006	6 11.4
995	9.554 230	20	9.584 064	23	0.415 936	9.970 166	3	005	7 13.3
996	9.554 250	20	9.584 087	23	0.415 913	9.970 163	3	004	8 15.2
		20		22			3		9 17.1
997	9.554 270	20	9.584 109	23	0.415 891	9.970 160	2	003	
998	9.554 290	19	9.584 132	23	0.415 868	9.970 158	3	002	
999	9.554 309	20	9.584 155	22	0.415 845	9.970 155	3	001	
*.000	9.554 329	20	9.584 177	22	0.415 823	9.970 152	3	.000	
	cos	d	cotg	d	tang	sin	d	69°	P.P.

21°.000 — 21°.050

21°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.554 329		9.584 177		0.415 823	9.970 152		*.000	
001	9.554 349	20	9.584 200	23	0.415 800	9.970 149	3	999	
002	9.554 369	20	9.584 223	23	0.415 777	9.970 146	3	998	
003	9.554 388	19	9.584 245	22	0.415 755	9.970 143	3	997	
004	9.554 408	20	9.584 268	23	0.415 732	9.970 140	3	996	23
005	9.554 428	20	9.584 291	23	0.415 709	9.970 137	3	995	1 2.3
006	9.554 448	20	9.584 313	22	0.415 687	9.970 134	3	994	2 4.6
007	9.554 467	19	9.584 336	23	0.415 664	9.970 131	3	993	3 6.9
008	9.554 487	20	9.584 359	23	0.415 641	9.970 128	3	992	4 9.2
009	9.554 507	20	9.584 381	22	0.415 619	9.970 126	2	991	5 11.5
.010	9.554 527	20	9.584 404	23	0.415 596	9.970 123	3	.990	6 13.8
011	9.554 546	19	9.584 427	23	0.415 573	9.970 120	3	989	7 16.1
012	9.554 566	20	9.584 449	22	0.415 551	9.970 117	3	988	8 18.4
013	9.554 586	20	9.584 472	23	0.415 528	9.970 114	3	987	9 20.7
014	9.554 606	20	9.584 495	23	0.415 505	9.970 111	3	986	
015	9.554 625	19	9.584 517	22	0.415 483	9.970 108	3	985	
016	9.554 645	20	9.584 540	23	0.415 460	9.970 105	3	984	22
017	9.554 665	20	9.584 562	22	0.415 438	9.970 102	3	983	1 2.2
018	9.554 684	19	9.584 585	23	0.415 415	9.970 099	3	982	2 4.4
019	9.554 704	20	9.584 608	23	0.415 392	9.970 096	3	981	3 6.6
.020	9.554 724	20	9.584 630	22	0.415 370	9.970 094	2	.980	4 8.8
021	9.554 744	20	9.584 653	23	0.415 347	9.970 091	3	979	5 11.0
022	9.554 763	19	9.584 676	23	0.415 324	9.970 088	3	978	6 13.2
023	9.554 783	20	9.584 698	22	0.415 302	9.970 085	3	977	7 15.4
024	9.554 803	20	9.584 721	23	0.415 279	9.970 082	3	976	8 17.6
025	9.554 822	19	9.584 744	23	0.415 256	9.970 079	3	975	9 19.8
026	9.554 842	20	9.584 766	22	0.415 234	9.970 076	3	974	
027	9.554 862	20	9.584 789	23	0.415 211	9.970 073	3	973	20
028	9.554 882	20	9.584 811	22	0.415 189	9.970 070	3	972	1 2.0
029	9.554 901	19	9.584 834	23	0.415 166	9.970 067	3	971	2 4.0
.030	9.554 921	20	9.584 857	23	0.415 143	9.970 064	3	.970	3 6.0
031	9.554 941	20	9.584 879	22	0.415 121	9.970 061	3	969	4 8.0
032	9.554 961	20	9.584 902	23	0.415 098	9.970 059	2	968	5 10.0
033	9.554 980	19	9.584 925	23	0.415 075	9.970 056	3	967	6 12.0
034	9.555 000	20	9.584 947	22	0.415 053	9.970 053	3	966	7 14.0
035	9.555 020	20	9.584 970	23	0.415 030	9.970 050	3	965	8 16.0
036	9.555 039	19	9.584 992	22	0.415 008	9.970 047	3	964	9 18.0
037	9.555 059	20	9.585 015	23	0.414 985	9.970 044	3	963	
038	9.555 079	20	9.585 038	23	0.414 962	9.970 041	3	962	
039	9.555 098	19	9.585 060	22	0.414 940	9.970 038	3	961	19
.040	9.555 118	20	9.585 083	23	0.414 917	9.970 035	3	.960	1 1.9
041	9.555 138	20	9.585 106	23	0.414 894	9.970 032	3	959	2 3.8
042	9.555 158	20	9.585 128	22	0.414 872	9.970 029	3	958	3 5.7
043	9.555 177	19	9.585 151	23	0.414 849	9.970 026	3	957	4 7.6
044	9.555 197	20	9.585 173	22	0.414 827	9.970 024	2	956	5 9.5
045	9.555 217	20	9.585 196	23	0.414 804	9.970 021	3	955	6 11.4
046	9.555 236	19	9.585 219	23	0.414 781	9.970 018	3	954	7 13.3
047	9.555 256	20	9.585 241	22	0.414 759	9.970 015	3	953	8 15.2
048	9.555 276	20	9.585 264	23	0.414 736	9.970 012	3	952	9 17.1
049	9.555 295	19	9.585 287	23	0.414 713	9.970 009	3	951	
.050	9.555 315	20	9.585 309	22	0.414 691	9.970 006	3	.950	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.050 — 21°.100

21°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.555 315		9.585 309		0.414 691	9.970 006		.950	
051	9.555 335	20	9.585 332	23	0.414 668	9.970 003	3	949	
052	9.555 355	20	9.585 354	22	0.414 646	9.970 000	3	948	
053	9.555 374	19	9.585 377	23	0.414 623	9.969 997	3	947	
		20		23			3		23
054	9.555 394	20	9.585 400	22	0.414 600	9.969 994	3	946	
055	9.555 414	19	9.585 422	23	0.414 578	9.969 991	3	945	1 2.3
056	9.555 433	20	9.585 445	22	0.414 555	9.969 989	2	944	2 4.6
		20		22			3		3 6.9
057	9.555 453	20	9.585 467	23	0.414 533	9.969 986	3	943	4 9.2
058	9.555 473	19	9.585 490	23	0.414 510	9.969 983	3	942	5 11.5
059	9.555 492	20	9.585 513	22	0.414 487	9.969 980	3	941	6 13.8
		20		22			3		7 16.1
.060	9.555 512	20	9.585 535	23	0.414 465	9.969 977	3	.940	8 18.4
		20		23			3		9 20.7
061	9.555 532	19	9.585 558	22	0.414 442	9.969 974	3	939	
062	9.555 551	20	9.585 580	23	0.414 420	9.969 971	3	938	
063	9.555 571	20	9.585 603	23	0.414 397	9.969 968	3	937	
		20		23			3		
064	9.555 591	19	9.585 626	22	0.414 374	9.969 965	3	936	
065	9.555 610	20	9.585 648	23	0.414 352	9.969 962	3	935	
066	9.555 630	20	9.585 671	22	0.414 329	9.969 959	3	934	22
		20		22			3		
067	9.555 650	20	9.585 693	23	0.414 307	9.969 956	2	933	1 2.2
068	9.555 670	19	9.585 716	23	0.414 284	9.969 954	3	932	2 4.4
069	9.555 689	20	9.585 739	22	0.414 261	9.969 951	3	931	3 6.6
		20		22			3		4 8.8
.070	9.555 709	20	9.585 761	23	0.414 239	9.969 948	3	.930	5 11.0
		20		23			3		6 13.2
071	9.555 729	19	9.585 784	22	0.414 216	9.969 945	3	929	7 15.4
072	9.555 748	20	9.585 806	23	0.414 194	9.969 942	3	928	8 17.6
073	9.555 768	20	9.585 829	23	0.414 171	9.969 939	3	927	9 19.8
		20		23			3		
074	9.555 788	19	9.585 852	22	0.414 148	9.969 936	3	926	
075	9.555 807	20	9.585 874	23	0.414 126	9.969 933	3	925	
076	9.555 827	20	9.585 897	22	0.414 103	9.969 930	3	924	
		20		22			3		
077	9.555 847	19	9.585 919	23	0.414 081	9.969 927	3	923	20
078	9.555 866	20	9.585 942	23	0.414 058	9.969 924	3	922	
079	9.555 886	20	9.585 965	22	0.414 035	9.969 921	3	921	
		20		22			3		
.080	9.555 906	19	9.585 987	23	0.414 013	9.969 918	2	.920	
		20		23			3		
081	9.555 925	20	9.586 010	22	0.413 990	9.969 916	3	919	
082	9.555 945	20	9.586 032	23	0.413 968	9.969 913	3	918	
083	9.555 965	19	9.586 055	22	0.413 945	9.969 910	3	917	
		20		22			3		
084	9.555 984	20	9.586 077	23	0.413 923	9.969 907	3	916	
085	9.556 004	20	9.586 100	23	0.413 900	9.969 904	3	915	
086	9.556 024	19	9.586 123	22	0.413 877	9.969 901	3	914	
		20		22			3		
087	9.556 043	20	9.586 145	23	0.413 855	9.969 898	3	913	
088	9.556 063	20	9.586 168	22	0.413 832	9.969 895	3	912	
089	9.556 083	19	9.586 190	23	0.413 810	9.969 892	3	911	
		20		23			3		19
.090	9.556 102	20	9.586 213	22	0.413 787	9.969 889	3	.910	
		20		22			3		
091	9.556 122	19	9.586 235	23	0.413 765	9.969 886	3	909	1 1.9
092	9.556 141	20	9.586 258	23	0.413 742	9.969 883	3	908	2 3.8
093	9.556 161	20	9.586 281	22	0.413 719	9.969 880	3	907	3 5.7
		20		22			2		4 7.6
094	9.556 181	19	9.586 303	23	0.413 697	9.969 878	3	906	5 9.5
095	9.556 200	20	9.586 326	22	0.413 674	9.969 875	3	905	6 11.4
096	9.556 220	20	9.586 348	23	0.413 652	9.969 872	3	904	7 13.3
		20		23			3		8 15.2
097	9.556 240	19	9.586 371	22	0.413 629	9.969 869	3	903	9 17.1
098	9.556 259	20	9.586 393	23	0.413 607	9.969 866	3	902	
099	9.556 279	20	9.586 416	23	0.413 584	9.969 863	3	901	
		20		23			3		
.100	9.556 299		9.586 439		0.413 561	9.969 860		.900	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.950 — 68°.900

21°.100 — 21°.150

21°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.556 299		9.586 439		0.413 561	9.969 860		.900	
101	9.556 318	19	9.586 461	22	0.413 539	9.969 857	3	899	
102	9.556 338	20	9.586 484	23	0.413 516	9.969 854	3	898	
103	9.556 358	20	9.586 506	22	0.413 494	9.969 851	3	897	
104	9.556 377	19	9.586 529	23	0.413 471	9.969 848	3	896	23
105	9.556 397	20	9.586 551	22	0.413 449	9.969 845	3	895	1 2.3
106	9.556 416	19	9.586 574	23	0.413 426	9.969 842	3	894	2 4.6
		20		23			2		3 6.9
107	9.556 436	20	9.586 597	23	0.413 403	9.969 840	3	893	4 9.2
108	9.556 456	20	9.586 619	22	0.413 381	9.969 837	3	892	5 11.5
109	9.556 475	19	9.586 642	23	0.413 358	9.969 834	3	891	6 13.8
		20		22			3		7 16.1
.110	9.556 495	20	9.586 664	23	0.413 336	9.969 831	3	.890	8 18.4
		20		23			3		9 20.7
111	9.556 515	19	9.586 687	22	0.413 313	9.969 828	3	889	
112	9.556 534	20	9.586 709	23	0.413 291	9.969 825	3	888	
113	9.556 554	20	9.586 732	23	0.413 268	9.969 822	3	887	
		20		23			3		
114	9.556 574	19	9.586 755	22	0.413 245	9.969 819	3	886	
115	9.556 593	20	9.586 777	23	0.413 223	9.969 816	3	885	
116	9.556 613	20	9.586 800	23	0.413 200	9.969 813	3	884	22
		19		22			3		1 2.2
117	9.556 632	20	9.586 822	23	0.413 178	9.969 810	3	883	2 4.4
118	9.556 652	20	9.586 845	23	0.413 155	9.969 807	3	882	3 6.6
119	9.556 672	20	9.586 867	22	0.413 133	9.969 804	3	881	4 8.8
		19		23			3		5 11.0
.120	9.556 691	20	9.586 890	22	0.413 110	9.969 801	2	.880	6 13.2
		20		23			3		7 15.4
121	9.556 711	20	9.586 912	23	0.413 088	9.969 799	3	879	8 17.6
122	9.556 731	19	9.586 935	22	0.413 065	9.969 796	3	878	9 19.8
123	9.556 750	20	9.586 957	23	0.413 043	9.969 793	3	877	
		20		23			3		
124	9.556 770	19	9.586 980	23	0.413 020	9.969 790	3	876	
125	9.556 789	20	9.587 003	22	0.412 997	9.969 787	3	875	
126	9.556 809	20	9.587 025	22	0.412 975	9.969 784	3	874	
		20		23			3		
127	9.556 829	19	9.587 048	22	0.412 952	9.969 781	3	873	20
128	9.556 848	20	9.587 070	23	0.412 930	9.969 778	3	872	1 2.0
129	9.556 868	20	9.587 093	23	0.412 907	9.969 775	3	871	2 4.0
		20		22			3		3 6.0
.130	9.556 888	19	9.587 115	23	0.412 885	9.969 772	3	.870	4 8.0
		19		23			3		5 10.0
131	9.556 907	20	9.587 138	22	0.412 862	9.969 769	3	869	6 12.0
132	9.556 927	19	9.587 160	23	0.412 840	9.969 766	3	868	7 14.0
133	9.556 946	20	9.587 183	22	0.412 817	9.969 763	3	867	8 16.0
		20		22			2		9 18.0
134	9.556 966	20	9.587 205	23	0.412 795	9.969 760	3	866	
135	9.556 986	19	9.587 228	23	0.412 772	9.969 758	3	865	
136	9.557 005	20	9.587 251	22	0.412 749	9.969 755	3	864	
		20		22			3		
137	9.557 025	19	9.587 273	23	0.412 727	9.969 752	3	863	
138	9.557 044	20	9.587 296	22	0.412 704	9.969 749	3	862	
139	9.557 064	20	9.587 318	22	0.412 682	9.969 746	3	861	
		20		23			3		19
.140	9.557 084	19	9.587 341	22	0.412 659	9.969 743	3	.860	1 1.9
		19		23			3		2 3.8
141	9.557 103	20	9.587 363	23	0.412 637	9.969 740	3	859	3 5.7
142	9.557 123	19	9.587 386	22	0.412 614	9.969 737	3	858	4 7.6
143	9.557 142	20	9.587 408	23	0.412 592	9.969 734	3	857	5 9.5
		20		23			3		6 11.4
144	9.557 162	20	9.587 431	22	0.412 569	9.969 731	3	856	7 13.3
145	9.557 182	19	9.587 453	23	0.412 547	9.969 728	3	855	8 15.2
146	9.557 201	20	9.587 476	22	0.412 524	9.969 725	3	854	9 17.1
		20		22			3		
147	9.557 221	19	9.587 498	23	0.412 502	9.969 722	3	853	
148	9.557 240	20	9.587 521	22	0.412 479	9.969 719	3	852	
149	9.557 260	20	9.587 543	22	0.412 457	9.969 717	2	851	
		20		23			3		
.150	9.557 280		9.587 566		0.412 434	9.969 714		.850	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.900 — 68°.850

21°.150 — 21°.200

21°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.557 280		9.587 566		0.412 434	9.969 714		.850	
151	9.557 299	19	9.587 589	23	0.412 411	9.969 711	3	849	
152	9.557 319	20	9.587 611	22	0.412 389	9.969 708	3	848	
153	9.557 338	19	9.587 634	23	0.412 366	9.969 705	3	847	
		20		22			3		23
154	9.557 358	20	9.587 656	23	0.412 344	9.969 702	3	846	1 2.3
155	9.557 378	19	9.587 679	22	0.412 321	9.969 699	3	845	2 4.6
156	9.557 397	20	9.587 701	23	0.412 299	9.969 696	3	844	3 6.9
		20		23			3		4 9.2
157	9.557 417	19	9.587 724	22	0.412 276	9.969 693	3	843	5 11.5
158	9.557 436	20	9.587 746	23	0.412 254	9.969 690	3	842	6 13.8
159	9.557 456	19	9.587 769	22	0.412 231	9.969 687	3	841	7 16.1
.160	9.557 475	20	9.587 791	23	0.412 209	9.969 684	3	.840	8 18.4
		20		23			3		9 20.7
161	9.557 495	19	9.587 814	22	0.412 186	9.969 681	3	839	
162	9.557 515	20	9.587 836	23	0.412 164	9.969 678	3	838	
163	9.557 534	19	9.587 859	22	0.412 141	9.969 675	3	837	
		20		22			2		22
164	9.557 554	19	9.587 881	23	0.412 119	9.969 673	3	836	1 2.2
165	9.557 573	20	9.587 904	22	0.412 096	9.969 670	3	835	2 4.4
166	9.557 593	19	9.587 926	23	0.412 074	9.969 667	3	834	3 6.6
		20		23			3		4 8.8
167	9.557 612	19	9.587 949	22	0.412 051	9.969 664	3	833	5 11.0
168	9.557 632	20	9.587 971	23	0.412 029	9.969 661	3	832	6 13.2
169	9.557 652	19	9.587 994	22	0.412 006	9.969 658	3	831	7 15.4
.170	9.557 671	20	9.588 016	23	0.411 984	9.969 655	3	.830	8 17.6
		20		23			3		9 19.8
171	9.557 691	19	9.588 039	22	0.411 961	9.969 652	3	829	
172	9.557 710	20	9.588 061	23	0.411 939	9.969 649	3	828	
173	9.557 730	19	9.588 084	22	0.411 916	9.969 646	3	827	
		20		22			3		20
174	9.557 749	19	9.588 106	23	0.411 894	9.969 643	3	826	1 2.0
175	9.557 769	20	9.588 129	22	0.411 871	9.969 640	3	825	2 4.0
176	9.557 789	19	9.588 151	23	0.411 849	9.969 637	3	824	3 6.0
		20		23			3		4 8.0
177	9.557 808	19	9.588 174	22	0.411 826	9.969 634	3	823	5 10.0
178	9.557 828	20	9.588 196	23	0.411 804	9.969 631	3	822	6 12.0
179	9.557 847	19	9.588 219	22	0.411 781	9.969 628	3	821	7 14.0
.180	9.557 867	20	9.588 241	23	0.411 759	9.969 626	2	.820	8 16.0
		19		23			3		9 18.0
181	9.557 886	20	9.588 264	22	0.411 736	9.969 623	3	819	
182	9.557 906	19	9.588 286	23	0.411 714	9.969 620	3	818	
183	9.557 926	20	9.588 309	22	0.411 691	9.969 617	3	817	
		20		22			3		
184	9.557 945	19	9.588 331	23	0.411 669	9.969 614	3	816	
185	9.557 965	20	9.588 354	22	0.411 646	9.969 611	3	815	
186	9.557 984	19	9.588 376	23	0.411 624	9.969 608	3	814	
		20		23			3		
187	9.558 004	19	9.588 399	22	0.411 601	9.969 605	3	813	
188	9.558 023	20	9.588 421	23	0.411 579	9.969 602	3	812	
189	9.558 043	19	9.588 444	22	0.411 556	9.969 599	3	811	
.190	9.558 062	20	9.588 466	23	0.411 534	9.969 596	3	.810	19
		20		23			3		1 1.9
191	9.558 082	19	9.588 489	22	0.411 511	9.969 593	3	809	2 3.8
192	9.558 102	20	9.588 511	23	0.411 489	9.969 590	3	808	3 5.7
193	9.558 121	19	9.588 534	22	0.411 466	9.969 587	3	807	4 7.6
		20		22			3		5 9.5
194	9.558 141	19	9.588 556	23	0.411 444	9.969 584	3	806	6 11.4
195	9.558 160	20	9.588 579	22	0.411 421	9.969 581	3	805	7 13.3
196	9.558 180	19	9.588 601	23	0.411 399	9.969 579	2	804	8 15.2
		20		23			3		9 17.1
197	9.558 199	19	9.588 624	22	0.411 376	9.969 576	3	803	
198	9.558 219	20	9.588 646	23	0.411 354	9.969 573	3	802	
199	9.558 238	19	9.588 669	22	0.411 331	9.969 570	3	801	
.200	9.558 258	20	9.588 691	23	0.411 309	9.969 567	3	.800	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.200 — 21°.250

21°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.558 258		9.588 691		0.411 309	9.969 567		.800	
201	9.558 277	19	9.588 714	23	0.411 286	9.969 564	3	799	
202	9.558 297	20	9.588 736	22	0.411 264	9.969 561	3	798	
203	9.558 317	20	9.588 759	23	0.411 241	9.969 558	3	797	
204	9.558 336	19	9.588 781	22	0.411 219	9.969 555	3	796	23
205	9.558 356	20	9.588 804	23	0.411 196	9.969 552	3	795	1 2.3
206	9.558 375	19	9.588 826	22	0.411 174	9.969 549	3	794	2 4.6
207	9.558 395	20	9.588 849	23	0.411 151	9.969 546	3	793	3 6.9
208	9.558 414	19	9.588 871	22	0.411 129	9.969 543	3	792	4 9.2
209	9.558 434	20	9.588 893	22	0.411 107	9.969 540	3	791	5 11.5
.210	9.558 453	19	9.588 916	23	0.411 084	9.969 537	3	.790	6 13.8
211	9.558 473	20	9.588 938	22	0.411 062	9.969 534	3	789	7 16.1
212	9.558 492	19	9.588 961	23	0.411 039	9.969 531	3	788	8 18.4
213	9.558 512	20	9.588 983	22	0.411 017	9.969 529	2	787	9 20.7
214	9.558 531	19	9.589 006	23	0.410 994	9.969 526	3	786	
215	9.558 551	20	9.589 028	22	0.410 972	9.969 523	3	785	
216	9.558 570	19	9.589 051	23	0.410 949	9.969 520	3	784	22
217	9.558 590	20	9.589 073	22	0.410 927	9.969 517	3	783	1 2.2
218	9.558 610	19	9.589 096	23	0.410 904	9.969 514	3	782	2 4.4
219	9.558 629	20	9.589 118	22	0.410 882	9.969 511	3	781	3 6.6
.220	9.558 649	19	9.589 141	23	0.410 859	9.969 508	3	.780	4 8.8
221	9.558 668	20	9.589 163	22	0.410 837	9.969 505	3	779	5 11.0
222	9.558 688	19	9.589 186	23	0.410 814	9.969 502	3	778	6 13.2
223	9.558 707	20	9.589 208	22	0.410 792	9.969 499	3	777	7 15.4
224	9.558 727	19	9.589 230	22	0.410 770	9.969 496	3	776	8 17.6
225	9.558 746	20	9.589 253	22	0.410 747	9.969 493	3	775	9 19.8
226	9.558 766	19	9.589 275	23	0.410 725	9.969 490	3	774	
227	9.558 785	20	9.589 298	22	0.410 702	9.969 487	3	773	
228	9.558 805	19	9.589 320	22	0.410 680	9.969 484	3	772	20
229	9.558 824	20	9.589 343	23	0.410 657	9.969 481	3	771	1 2.0
.230	9.558 844	19	9.589 365	22	0.410 635	9.969 479	2	.770	2 4.0
231	9.558 863	20	9.589 388	23	0.410 612	9.969 476	3	769	3 6.0
232	9.558 883	19	9.589 410	22	0.410 590	9.969 473	3	768	4 8.0
233	9.558 902	20	9.589 433	23	0.410 567	9.969 470	3	767	5 10.0
234	9.558 922	19	9.589 455	22	0.410 545	9.969 467	3	766	6 12.0
235	9.558 941	20	9.589 478	23	0.410 522	9.969 464	3	765	7 14.0
236	9.558 961	19	9.589 500	22	0.410 500	9.969 461	3	764	8 16.0
237	9.558 980	20	9.589 522	23	0.410 478	9.969 458	3	763	9 18.0
238	9.559 000	19	9.589 545	22	0.410 455	9.969 455	3	762	
239	9.559 019	20	9.589 567	23	0.410 433	9.969 452	3	761	
.240	9.559 039	19	9.589 590	22	0.410 410	9.969 449	3	.760	19
241	9.559 058	20	9.589 612	23	0.410 388	9.969 446	3	759	1 1.9
242	9.559 078	19	9.589 635	22	0.410 365	9.969 443	3	758	2 3.8
243	9.559 097	20	9.589 657	23	0.410 343	9.969 440	3	757	3 5.7
244	9.559 117	19	9.589 680	22	0.410 320	9.969 437	3	756	4 7.6
245	9.559 136	20	9.589 702	23	0.410 298	9.969 434	3	755	5 9.5
246	9.559 156	19	9.589 724	22	0.410 276	9.969 431	3	754	6 11.4
247	9.559 175	20	9.589 747	23	0.410 253	9.969 428	3	753	7 13.3
248	9.559 195	19	9.589 769	22	0.410 231	9.969 425	3	752	8 15.2
249	9.559 214	20	9.589 792	23	0.410 208	9.969 423	2	751	9 17.1
.250	9.559 234	19	9.589 814	22	0.410 186	9.969 420	3	.750	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.250 — 21°.300

21°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.559 234		9.589 814		0.410 186	9.969 420		.750	
251	9.559 253	19	9.589 837	23	0.410 163	9.969 417	3	749	
252	9.559 273	20	9.589 859	22	0.410 141	9.969 414	3	748	
253	9.559 292	19	9.589 882	23	0.410 118	9.969 411	3	747	
		20		22			3		23
254	9.559 312	20	9.589 904	22	0.410 096	9.969 408	3	746	
255	9.559 331	19	9.589 926	22	0.410 074	9.969 405	3	745	1 2.3
256	9.559 351	20	9.589 949	23	0.410 051	9.969 402	3	744	2 4.6
		19		22			3		3 6.9
257	9.559 370	20	9.589 971	23	0.410 029	9.969 399	3	743	4 9.2
258	9.559 390	19	9.589 994	22	0.410 006	9.969 396	3	742	5 11.5
259	9.559 409	20	9.590 016	23	0.409 984	9.969 393	3	741	6 13.8
		19		22			3		7 16.1
.260	9.559 429	20	9.590 039	23	0.409 961	9.969 390	3	.740	8 18.4
		19		22			3		9 20.7
261	9.559 448	20	9.590 061	22	0.409 939	9.969 387	3	739	
262	9.559 468	19	9.590 083	23	0.409 917	9.969 384	3	738	
263	9.559 487	20	9.590 106	22	0.409 894	9.969 381	3	737	
		19		23			3		
264	9.559 507	20	9.590 128	22	0.409 872	9.969 378	3	736	
265	9.559 526	19	9.590 151	23	0.409 849	9.969 375	3	735	
266	9.559 546	20	9.590 173	22	0.409 827	9.969 372	3	734	22
		19		23			3		
267	9.559 565	20	9.590 196	22	0.409 804	9.969 369	3	733	1 2.2
268	9.559 584	19	9.590 218	23	0.409 782	9.969 366	3	732	2 4.4
269	9.559 604	20	9.590 240	22	0.409 760	9.969 364	2	731	3 6.6
		19		23			3		4 8.8
.270	9.559 623	20	9.590 263	22	0.409 737	9.969 361	3	.730	5 11.0
		19		23			3		6 13.2
271	9.559 643	20	9.590 285	22	0.409 715	9.969 358	3	729	7 15.4
272	9.559 662	19	9.590 308	23	0.409 692	9.969 355	3	728	8 17.6
273	9.559 682	20	9.590 330	22	0.409 670	9.969 352	3	727	9 19.8
		19		23			3		
274	9.559 701	20	9.590 352	22	0.409 648	9.969 349	3	726	
275	9.559 721	19	9.590 375	23	0.409 625	9.969 346	3	725	
276	9.559 740	20	9.590 397	22	0.409 603	9.969 343	3	724	
		19		23			3		
277	9.559 760	20	9.590 420	22	0.409 580	9.969 340	3	723	20
278	9.559 779	19	9.590 442	23	0.409 558	9.969 337	3	722	
279	9.559 799	20	9.590 465	22	0.409 535	9.969 334	3	721	
		19		23			3		
.280	9.559 818	20	9.590 487	22	0.409 513	9.969 331	3	.720	
		19		23			3		
281	9.559 838	20	9.590 509	22	0.409 491	9.969 328	3	719	
282	9.559 857	19	9.590 532	23	0.409 468	9.969 325	3	718	
283	9.559 876	20	9.590 554	22	0.409 446	9.969 322	3	717	
		19		23			3		
284	9.559 896	20	9.590 577	22	0.409 423	9.969 319	3	716	
285	9.559 915	19	9.590 599	23	0.409 401	9.969 316	3	715	
286	9.559 935	20	9.590 621	22	0.409 379	9.969 313	3	714	
		19		23			3		
287	9.559 954	20	9.590 644	22	0.409 356	9.969 310	3	713	
288	9.559 974	19	9.590 666	23	0.409 334	9.969 307	2	712	
289	9.559 993	20	9.590 689	22	0.409 311	9.969 305	3	711	
		19		23			3		19
.290	9.560 013	20	9.590 711	22	0.409 289	9.969 302	3	.710	
		19		23			3		
291	9.560 032	20	9.590 733	22	0.409 267	9.969 299	3	709	1 1.9
292	9.560 052	19	9.590 756	23	0.409 244	9.969 296	3	708	2 3.8
293	9.560 071	20	9.590 778	22	0.409 222	9.969 293	3	707	3 5.7
		19		23			3		4 7.6
294	9.560 090	20	9.590 801	22	0.409 199	9.969 290	3	706	5 9.5
295	9.560 110	19	9.590 823	23	0.409 177	9.969 287	3	705	6 11.4
296	9.560 129	20	9.590 845	22	0.409 155	9.969 284	3	704	7 13.3
		19		23			3		8 15.2
297	9.560 149	20	9.590 868	22	0.409 132	9.969 281	3	703	9 17.1
298	9.560 168	19	9.590 890	23	0.409 110	9.969 278	3	702	
299	9.560 188	20	9.590 913	22	0.409 087	9.969 275	3	701	
		19		23			3		
.300	9.560 207	20	9.590 935	22	0.409 065	9.969 272	3	.700	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.750 — 68°.700

21°.300 — 21°.350

21°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.560 207		9.590 935		0.409 065	9.969 272		.700	
301	9.560 227	20	9.590 957	22	0.409 043	9.969 269	3	699	
302	9.560 246	19	9.590 980	23	0.409 020	9.969 266	3	698	
303	9.560 265	19	9.591 002	22	0.408 998	9.969 263	3	697	
		20		23			3		23
304	9.560 285		9.591 025		0.408 975	9.969 260	3	696	
305	9.560 304	19	9.591 047	22	0.408 953	9.969 257	3	695	1 2.3
306	9.560 324	20	9.591 069	22	0.408 931	9.969 254	3	694	2 4.6
		19		23			3		3 6.9
307	9.560 343		9.591 092		0.408 908	9.969 251	3	693	4 9.2
308	9.560 363	20	9.591 114	22	0.408 886	9.969 248	3	692	5 11.5
309	9.560 382	19	9.591 137	23	0.408 863	9.969 245	3	691	6 13.8
		19		22			3		7 16.1
.310	9.560 401	20	9.591 159	22	0.408 841	9.969 242	3	.690	8 18.4
				23			3		9 20.7
311	9.560 421	19	9.591 181	23	0.408 819	9.969 239	2	689	
312	9.560 440	20	9.591 204	22	0.408 796	9.969 237	3	688	
313	9.560 460	19	9.591 226	23	0.408 774	9.969 234	3	687	
		19		22			3		22
314	9.560 479	20	9.591 249	22	0.408 751	9.969 231	3	686	
315	9.560 499	19	9.591 271	22	0.408 729	9.969 228	3	685	
316	9.560 518	19	9.591 293	23	0.408 707	9.969 225	3	684	
		19		22			3		
317	9.560 537	20	9.591 316	22	0.408 684	9.969 222	3	683	1 2.2
318	9.560 557	19	9.591 338	22	0.408 662	9.969 219	3	682	2 4.4
319	9.560 576	19	9.591 360	22	0.408 640	9.969 216	3	681	3 6.6
		20		23			3		4 8.8
.320	9.560 596	19	9.591 383	22	0.408 617	9.969 213	3	.680	5 11.0
				23			3		6 13.2
321	9.560 615	20	9.591 405	23	0.408 595	9.969 210	3	679	7 15.4
322	9.560 635	19	9.591 428	22	0.408 572	9.969 207	3	678	8 17.6
323	9.560 654	19	9.591 450	22	0.408 550	9.969 204	3	677	9 19.8
		19		22			3		
324	9.560 673	20	9.591 472	23	0.408 528	9.969 201	3	676	
325	9.560 693	19	9.591 495	22	0.408 505	9.969 198	3	675	
326	9.560 712	19	9.591 517	22	0.408 483	9.969 195	3	674	
		20		22			3		
327	9.560 732	19	9.591 539	23	0.408 461	9.969 192	3	673	20
328	9.560 751	19	9.591 562	22	0.408 438	9.969 189	3	672	
329	9.560 770	19	9.591 584	22	0.408 416	9.969 186	3	671	
		20		23			3		
.330	9.560 790	19	9.591 607	22	0.408 393	9.969 183	3	.670	
				23			3		
331	9.560 809	20	9.591 629	22	0.408 371	9.969 180	3	669	
332	9.560 829	19	9.591 651	23	0.408 349	9.969 177	3	668	
333	9.560 848	20	9.591 674	22	0.408 326	9.969 174	3	667	
		19		22			3		
334	9.560 868	19	9.591 696	22	0.408 304	9.969 171	3	666	
335	9.560 887	19	9.591 718	23	0.408 282	9.969 168	3	665	
336	9.560 906	20	9.591 741	22	0.408 259	9.969 166	2	664	
		19		22			3		
337	9.560 926	19	9.591 763	23	0.408 237	9.969 163	3	663	
338	9.560 945	20	9.591 786	22	0.408 214	9.969 160	3	662	
339	9.560 965	19	9.591 808	22	0.408 192	9.969 157	3	661	
		19		22			3		19
.340	9.560 984	19	9.591 830	23	0.408 170	9.969 154	3	.660	
				22			3		
341	9.561 003	20	9.591 853	22	0.408 147	9.969 151	3	659	1 1.9
342	9.561 023	19	9.591 875	22	0.408 125	9.969 148	3	658	2 3.8
343	9.561 042	19	9.591 897	22	0.408 103	9.969 145	3	657	3 5.7
		20		23			3		4 7.6
344	9.561 062	19	9.591 920	22	0.408 080	9.969 142	3	656	5 9.5
345	9.561 081	19	9.591 942	22	0.408 058	9.969 139	3	655	6 11.4
346	9.561 100	19	9.591 964	22	0.408 036	9.969 136	3	654	7 13.3
		20		23			3		8 15.2
347	9.561 120	19	9.591 987	22	0.408 013	9.969 133	3	653	9 17.1
348	9.561 139	20	9.592 009	23	0.407 991	9.969 130	3	652	
349	9.561 159	19	9.592 032	22	0.407 968	9.969 127	3	651	
		19		22			3		
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.700 — 68°.650

21°.350 — 21°.400

21°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.561 178		9.592 054		0.407 946	9.969 124		.650	
351	9.561 197	19	9.592 076	22	0.407 924	9.969 121	3	649	
352	9.561 217	20	9.592 099	23	0.407 901	9.969 118	3	648	
353	9.561 236	19	9.592 121	22	0.407 879	9.969 115	3	647	
		19		22			3		23
354	9.561 255	20	9.592 143	23	0.407 857	9.969 112	3	646	1 2.3
355	9.561 275	19	9.592 166	22	0.407 834	9.969 109	3	645	2 4.6
356	9.561 294	20	9.592 188	22	0.407 812	9.969 106	3	644	3 6.9
		20		22			3		4 9.2
357	9.561 314	19	9.592 210	23	0.407 790	9.969 103	3	643	5 11.5
358	9.561 333	19	9.592 233	22	0.407 767	9.969 100	3	642	6 13.8
359	9.561 352	20	9.592 255	22	0.407 745	9.969 097	3	641	7 16.1
		19		23			3		8 18.4
.360	9.561 372		9.592 277		0.407 723	9.969 094		.640	9 20.7
		19		23			3		
361	9.561 391	20	9.592 300	22	0.407 700	9.969 091	3	639	
362	9.561 411	19	9.592 322	22	0.407 678	9.969 088	3	638	
363	9.561 430	19	9.592 344	22	0.407 656	9.969 086	2	637	
		19		23			3		22
364	9.561 449	20	9.592 367	22	0.407 633	9.969 083	3	636	1 2.2
365	9.561 469	19	9.592 389	22	0.407 611	9.969 080	3	635	2 4.4
366	9.561 488	19	9.592 411	22	0.407 589	9.969 077	3	634	3 6.6
		19		23			3		4 8.8
367	9.561 507	20	9.592 434	22	0.407 566	9.969 074	3	633	5 11.0
368	9.561 527	19	9.592 456	22	0.407 544	9.969 071	3	632	6 13.2
369	9.561 546	19	9.592 478	22	0.407 522	9.969 068	3	631	7 15.4
		20		23			3		8 17.6
.370	9.561 566		9.592 501		0.407 499	9.969 065		.630	9 19.8
		19		22			3		
371	9.561 585	19	9.592 523	22	0.407 477	9.969 062	3	629	
372	9.561 604	20	9.592 545	23	0.407 455	9.969 059	3	628	
373	9.561 624	19	9.592 568	22	0.407 432	9.969 056	3	627	
		19		22			3		
374	9.561 643	19	9.592 590	22	0.407 410	9.969 053	3	626	
375	9.561 662	20	9.592 612	23	0.407 388	9.969 050	3	625	
376	9.561 682	19	9.592 635	22	0.407 365	9.969 047	3	624	
		19		22			3		
377	9.561 701	19	9.592 657	22	0.407 343	9.969 044	3	623	20
378	9.561 720	20	9.592 679	23	0.407 321	9.969 041	3	622	1 2.0
379	9.561 740	19	9.592 702	22	0.407 298	9.969 038	3	621	2 4.0
		19		22			3		3 6.0
.380	9.561 759		9.592 724		0.407 276	9.969 035		.620	4 8.0
		20		22			3		5 10.0
381	9.561 779	19	9.592 746	23	0.407 254	9.969 032	3	619	6 12.0
382	9.561 798	19	9.592 769	22	0.407 231	9.969 029	3	618	7 14.0
383	9.561 817	20	9.592 791	22	0.407 209	9.969 026	3	617	8 16.0
		20		22			3		9 18.0
384	9.561 837	19	9.592 813	23	0.407 187	9.969 023	3	616	
385	9.561 856	19	9.592 836	22	0.407 164	9.969 020	3	615	
386	9.561 875	20	9.592 858	22	0.407 142	9.969 017	3	614	
		20		22			3		
387	9.561 895	19	9.592 880	23	0.407 120	9.969 014	3	613	
388	9.561 914	19	9.592 903	22	0.407 097	9.969 011	3	612	
389	9.561 933	20	9.592 925	22	0.407 075	9.969 008	3	611	
		19		23			3		19
.390	9.561 953		9.592 947		0.407 053	9.969 005		.610	
		19		23			3		
391	9.561 972	19	9.592 970	22	0.407 030	9.969 002	3	609	1 1.9
392	9.561 991	20	9.592 992	22	0.407 008	9.968 999	3	608	2 3.8
393	9.562 011	19	9.593 014	23	0.406 986	9.968 997	2	607	3 5.7
		19		22			3		4 7.6
394	9.562 030	20	9.593 037	22	0.406 963	9.968 994	3	606	5 9.5
395	9.562 050	19	9.593 059	22	0.406 941	9.968 991	3	605	6 11.4
396	9.562 069	19	9.593 081	22	0.406 919	9.968 988	3	604	7 13.3
		19		23			3		8 15.2
397	9.562 088	20	9.593 104	22	0.406 896	9.968 985	3	603	9 17.1
398	9.562 108	19	9.593 126	22	0.406 874	9.968 982	3	602	
399	9.562 127	19	9.593 148	22	0.406 852	9.968 979	3	601	
		20		23			3		
.400	9.562 146		9.593 171		0.406 829	9.968 976		.600	
		19		23			3		
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.650 — 68°.600

21°.400 — 21°.450

21°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.562 146		9.593 171		0.406 829	9.968 976		.600	
401	9.562 166	20	9.593 193	22	0.406 807	9.968 973	3	599	
402	9.562 185	19	9.593 215	22	0.406 785	9.968 970	3	598	
403	9.562 204	19	9.593 237	22	0.406 763	9.968 967	3	597	
404	9.562 224	20	9.593 260	23	0.406 740	9.968 964	3	596	23
405	9.562 243	19	9.593 282	22	0.406 718	9.968 961	3	595	1 2.3
406	9.562 262	19	9.593 304	22	0.406 696	9.968 958	3	594	2 4.6
407	9.562 282	20	9.593 327	23	0.406 673	9.968 955	3	593	3 6.9
408	9.562 301	19	9.593 349	22	0.406 651	9.968 952	3	592	4 9.2
409	9.562 320	19	9.593 371	22	0.406 629	9.968 949	3	591	5 11.5
.410	9.562 340	20	9.593 394	23	0.406 606	9.968 946	3	.590	6 13.8
411	9.562 359	19	9.593 416	22	0.406 584	9.968 943	3	589	7 16.1
412	9.562 378	19	9.593 438	22	0.406 562	9.968 940	3	588	8 18.4
413	9.562 398	20	9.593 461	23	0.406 539	9.968 937	3	587	9 20.7
414	9.562 417	19	9.593 483	22	0.406 517	9.968 934	3	586	
415	9.562 436	19	9.593 505	22	0.406 495	9.968 931	3	585	
416	9.562 456	20	9.593 527	22	0.406 473	9.968 928	3	584	22
417	9.562 475	19	9.593 550	23	0.406 450	9.968 925	3	583	1 2.2
418	9.562 494	19	9.593 572	22	0.406 428	9.968 922	3	582	2 4.4
419	9.562 514	20	9.593 594	22	0.406 406	9.968 919	3	581	3 6.6
.420	9.562 533	19	9.593 617	23	0.406 383	9.968 916	3	.580	4 8.8
421	9.562 552	19	9.593 639	22	0.406 361	9.968 913	3	579	5 11.0
422	9.562 572	20	9.593 661	22	0.406 339	9.968 910	3	578	6 13.2
423	9.562 591	19	9.593 683	22	0.406 317	9.968 907	3	577	7 15.4
424	9.562 610	19	9.593 706	23	0.406 294	9.968 904	3	576	8 17.6
425	9.562 629	19	9.593 728	22	0.406 272	9.968 901	3	575	9 19.8
426	9.562 649	20	9.593 750	22	0.406 250	9.968 898	3	574	
427	9.562 668	19	9.593 773	23	0.406 227	9.968 895	3	573	
428	9.562 687	19	9.593 795	22	0.406 205	9.968 892	3	572	20
429	9.562 707	20	9.593 817	22	0.406 183	9.968 890	2	571	1 2.0
.430	9.562 726	19	9.593 839	22	0.406 161	9.968 887	3	.570	2 4.0
431	9.562 745	19	9.593 862	23	0.406 138	9.968 884	3	569	3 6.0
432	9.562 765	20	9.593 884	22	0.406 116	9.968 881	3	568	4 8.0
433	9.562 784	19	9.593 906	22	0.406 094	9.968 878	3	567	5 10.0
434	9.562 803	19	9.593 929	23	0.406 071	9.968 875	3	566	6 12.0
435	9.562 823	20	9.593 951	22	0.406 049	9.968 872	3	565	7 14.0
436	9.562 842	19	9.593 973	22	0.406 027	9.968 869	3	564	8 16.0
437	9.562 861	19	9.593 995	22	0.406 005	9.968 866	3	563	9 18.0
438	9.562 880	19	9.594 018	23	0.405 982	9.968 863	3	562	
439	9.562 900	20	9.594 040	22	0.405 960	9.968 860	3	561	
.440	9.562 919	19	9.594 062	22	0.405 938	9.968 857	3	.560	19
441	9.562 938	19	9.594 085	23	0.405 915	9.968 854	3	559	1 1.9
442	9.562 958	20	9.594 107	22	0.405 893	9.968 851	3	558	2 3.8
443	9.562 977	19	9.594 129	22	0.405 871	9.968 848	3	557	3 5.7
444	9.562 996	19	9.594 151	22	0.405 849	9.968 845	3	556	4 7.6
445	9.563 016	20	9.594 174	23	0.405 826	9.968 842	3	555	5 9.5
446	9.563 035	19	9.594 196	22	0.405 804	9.968 839	3	554	6 11.4
447	9.563 054	19	9.594 218	22	0.405 782	9.968 836	3	553	7 13.3
448	9.563 073	19	9.594 241	23	0.405 759	9.968 833	3	552	8 15.2
449	9.563 093	20	9.594 263	22	0.405 737	9.968 830	3	551	9 17.1
.450	9.563 112	19	9.594 285	22	0.405 715	9.968 827	3	.550	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.600 — 68°.550

21°.450 — 21°.500

21°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.563 112		9.594 285		0.405 715	9.968 827		.550	
451	9.563 131	19	9.594 307	22	0.405 693	9.968 824	3	549	
452	9.563 151	20	9.594 330	23	0.405 670	9.968 821	3	548	
453	9.563 170	19	9.594 352	22	0.405 648	9.968 818	3	547	
		19		22			3		23
454	9.563 189	20	9.594 374	22	0.405 626	9.968 815	3	546	1 2.3
455	9.563 209	19	9.594 396	23	0.405 604	9.968 812	3	545	2 4.6
456	9.563 228	19	9.594 419	22	0.405 581	9.968 809	3	544	3 6.9
		19		22			3		4 9.2
457	9.563 247	19	9.594 441	22	0.405 559	9.968 806	3	543	5 11.5
458	9.563 266	20	9.594 463	22	0.405 537	9.968 803	3	542	6 13.8
459	9.563 286	19	9.594 485	23	0.405 515	9.968 800	3	541	7 16.1
		19		23			3		8 18.4
.460	9.563 305	19	9.594 508	22	0.405 492	9.968 797	3	.540	9 20.7
		19		22			3		
461	9.563 324	20	9.594 530	22	0.405 470	9.968 794	3	539	
462	9.563 344	19	9.594 552	23	0.405 448	9.968 791	3	538	
463	9.563 363	19	9.594 575	22	0.405 425	9.968 788	3	537	
		19		22			3		22
464	9.563 382	19	9.594 597	22	0.405 403	9.968 785	3	536	1 2.2
465	9.563 401	20	9.594 619	22	0.405 381	9.968 782	3	535	2 4.4
466	9.563 421	19	9.594 641	22	0.405 359	9.968 779	3	534	3 6.6
		19		23			3		4 8.8
467	9.563 440	19	9.594 664	22	0.405 336	9.968 776	3	533	5 11.0
468	9.563 459	19	9.594 686	22	0.405 314	9.968 773	3	532	6 13.2
469	9.563 478	20	9.594 708	22	0.405 292	9.968 770	3	531	7 15.4
		19		22			3		8 17.6
.470	9.563 498	19	9.594 730	23	0.405 270	9.968 767	3	.530	9 19.8
		19		22			3		
471	9.563 517	19	9.594 753	22	0.405 247	9.968 764	3	529	
472	9.563 536	20	9.594 775	22	0.405 225	9.968 761	3	528	
473	9.563 556	19	9.594 797	22	0.405 203	9.968 758	3	527	
		19		22			3		
474	9.563 575	19	9.594 819	23	0.405 181	9.968 755	3	526	
475	9.563 594	19	9.594 842	22	0.405 158	9.968 752	3	525	
476	9.563 613	20	9.594 864	22	0.405 136	9.968 750	2	524	
		19		22			3		20
477	9.563 633	19	9.594 886	22	0.405 114	9.968 747	3	523	1 2.0
478	9.563 652	19	9.594 908	23	0.405 092	9.968 744	3	522	2 4.0
479	9.563 671	19	9.594 931	22	0.405 069	9.968 741	3	521	3 6.0
		19		22			3		4 8.0
.480	9.563 690	20	9.594 953	22	0.405 047	9.968 738	3	.520	5 10.0
		19		22			3		6 12.0
481	9.563 710	19	9.594 975	22	0.405 025	9.968 735	3	519	7 14.0
482	9.563 729	19	9.594 997	23	0.405 003	9.968 732	3	518	8 16.0
483	9.563 748	19	9.595 020	22	0.404 980	9.968 729	3	517	9 18.0
		19		22			3		
484	9.563 767	20	9.595 042	22	0.404 958	9.968 726	3	516	
485	9.563 787	19	9.595 064	22	0.404 936	9.968 723	3	515	
486	9.563 806	19	9.595 086	22	0.404 914	9.968 720	3	514	
		19		22			3		
487	9.563 825	19	9.595 108	23	0.404 892	9.968 717	3	513	
488	9.563 844	20	9.595 131	22	0.404 869	9.968 714	3	512	
489	9.563 864	19	9.595 153	22	0.404 847	9.968 711	3	511	
		19		22			3		19
.490	9.563 883	19	9.595 175	22	0.404 825	9.968 708	3	.510	1 1.9
		19		22			3		2 3.8
491	9.563 902	19	9.595 197	23	0.404 803	9.968 705	3	509	3 5.7
492	9.563 921	20	9.595 220	22	0.404 780	9.968 702	3	508	4 7.6
493	9.563 941	19	9.595 242	22	0.404 758	9.968 699	3	507	5 9.5
		19		22			3		6 11.4
494	9.563 960	19	9.595 264	22	0.404 736	9.968 696	3	506	7 13.3
495	9.563 979	19	9.595 286	23	0.404 714	9.968 693	3	505	8 15.2
496	9.563 998	20	9.595 309	22	0.404 691	9.968 690	3	504	9 17.1
		19		22			3		
497	9.564 018	19	9.595 331	22	0.404 669	9.968 687	3	503	
498	9.564 037	19	9.595 353	22	0.404 647	9.968 684	3	502	
499	9.564 056	19	9.595 375	23	0.404 625	9.968 681	3	501	
		19		23			3		
.500	9.564 075		9.595 398		0.404 602	9.968 678		.500	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.550 — 68°.500

21°.500 — 21°.550

21°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.564 075		9.595 398		0.404 602	9.968 678		.500	
501	9.564 095	20	9.595 420	22	0.404 580	9.968 675	3	499	
502	9.564 114	19	9.595 442	22	0.404 558	9.968 672	3	498	
503	9.564 133	19	9.595 464	22	0.404 536	9.968 669	3	497	
504	9.564 152	19	9.595 486	22	0.404 514	9.968 666	3	496	23
505	9.564 172	20	9.595 509	23	0.404 491	9.968 663	3	495	1 2.3
506	9.564 191	19	9.595 531	22	0.404 469	9.968 660	3	494	2 4.6
507	9.564 210	19	9.595 553	22	0.404 447	9.968 657	3	493	3 6.9
508	9.564 229	19	9.595 575	22	0.404 425	9.968 654	3	492	4 9.2
509	9.564 249	20	9.595 598	23	0.404 402	9.968 651	3	491	5 11.5
.510	9.564 268	19	9.595 620	22	0.404 380	9.968 648	3	.490	6 13.8
511	9.564 287	19	9.595 642	22	0.404 358	9.968 645	3	489	7 16.1
512	9.564 306	19	9.595 664	22	0.404 336	9.968 642	3	488	8 18.4
513	9.564 326	20	9.595 686	22	0.404 314	9.968 639	3	487	9 20.7
514	9.564 345	19	9.595 709	23	0.404 291	9.968 636	3	486	
515	9.564 364	19	9.595 731	22	0.404 269	9.968 633	3	485	22
516	9.564 383	19	9.595 753	22	0.404 247	9.968 630	3	484	1 2.2
517	9.564 402	19	9.595 775	22	0.404 225	9.968 627	3	483	2 4.4
518	9.564 422	20	9.595 798	23	0.404 202	9.968 624	3	482	3 6.6
519	9.564 441	19	9.595 820	22	0.404 180	9.968 621	3	481	4 8.8
.520	9.564 460	19	9.595 842	22	0.404 158	9.968 618	3	.480	5 11.0
521	9.564 479	19	9.595 864	22	0.404 136	9.968 615	3	479	6 13.2
522	9.564 499	20	9.595 886	22	0.404 114	9.968 612	3	478	7 15.4
523	9.564 518	19	9.595 909	23	0.404 091	9.968 609	3	477	8 17.6
524	9.564 537	19	9.595 931	22	0.404 069	9.968 606	3	476	9 19.8
525	9.564 556	19	9.595 953	22	0.404 047	9.968 603	3	475	
526	9.564 575	19	9.595 975	22	0.404 025	9.968 600	3	474	
527	9.564 595	20	9.595 997	22	0.404 003	9.968 597	3	473	20
528	9.564 614	19	9.596 020	23	0.403 980	9.968 594	3	472	1 2.0
529	9.564 633	19	9.596 042	22	0.403 958	9.968 591	3	471	2 4.0
.530	9.564 652	19	9.596 064	22	0.403 936	9.968 588	3	.470	3 6.0
531	9.564 671	19	9.596 086	22	0.403 914	9.968 585	3	469	4 8.0
532	9.564 691	20	9.596 108	22	0.403 892	9.968 582	3	468	5 10.0
533	9.564 710	19	9.596 131	23	0.403 869	9.968 579	3	467	6 12.0
534	9.564 729	19	9.596 153	22	0.403 847	9.968 576	3	466	7 14.0
535	9.564 748	19	9.596 175	22	0.403 825	9.968 573	3	465	8 16.0
536	9.564 768	20	9.596 197	22	0.403 803	9.968 570	3	464	9 18.0
537	9.564 787	19	9.596 219	22	0.403 781	9.968 567	3	463	
538	9.564 806	19	9.596 242	23	0.403 758	9.968 564	3	462	
539	9.564 825	19	9.596 264	22	0.403 736	9.968 561	3	461	19
.540	9.564 844	19	9.596 286	22	0.403 714	9.968 558	3	.460	1 1.9
541	9.564 864	20	9.596 308	22	0.403 692	9.968 555	3	459	2 3.8
542	9.564 883	19	9.596 330	22	0.403 670	9.968 552	3	458	3 5.7
543	9.564 902	19	9.596 353	23	0.403 647	9.968 549	3	457	4 7.6
544	9.564 921	19	9.596 375	22	0.403 625	9.968 546	3	456	5 9.5
545	9.564 940	19	9.596 397	22	0.403 603	9.968 543	3	455	6 11.4
546	9.564 960	20	9.596 419	22	0.403 581	9.968 540	3	454	7 13.3
547	9.564 979	19	9.596 441	22	0.403 559	9.968 537	3	453	8 15.2
548	9.564 998	19	9.596 464	23	0.403 536	9.968 534	3	452	9 17.1
549	9.565 017	19	9.596 486	22	0.403 514	9.968 531	3	451	
.550	9.565 036	19	9.596 508	22	0.403 492	9.968 528	3	.450	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.500 — 68°.450

21°.550 — 21°.600

21°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.565 036		9.596 508		0.403 492	9.968 528		.450	
551	9.565 056	20	9.596 530	22	0.403 470	9.968 525	3	449	
552	9.565 075	19	9.596 552	22	0.403 448	9.968 522	3	448	
553	9.565 094	19	9.596 574	22	0.403 426	9.968 519	3	447	
		19		23			3		23
554	9.565 113	19	9.596 597	22	0.403 403	9.968 516	3	446	1 2.3
555	9.565 132	19	9.596 619	22	0.403 381	9.968 513	3	445	2 4.6
556	9.565 151	19	9.596 641	22	0.403 359	9.968 510	3	444	3 6.9
		20		22			3		4 9.2
557	9.565 171	19	9.596 663	22	0.403 337	9.968 507	3	443	5 11.5
558	9.565 190	19	9.596 685	23	0.403 315	9.968 504	3	442	6 13.8
559	9.565 209	19	9.596 708	22	0.403 292	9.968 501	3	441	7 16.1
		19		22			3		8 18.4
.560	9.565 228	19	9.596 730	22	0.403 270	9.968 498	3	.440	9 20.7
		19		22			3		
561	9.565 247	20	9.596 752	22	0.403 248	9.968 495	3	439	
562	9.565 267	19	9.596 774	22	0.403 226	9.968 492	3	438	
563	9.565 286	19	9.596 796	22	0.403 204	9.968 489	3	437	
		19		22			3		
564	9.565 305	19	9.596 818	23	0.403 182	9.968 486	2	436	
565	9.565 324	19	9.596 841	22	0.403 159	9.968 484	3	435	22
566	9.565 343	19	9.596 863	22	0.403 137	9.968 481	3	434	1 2.2
		19		22			3		2 4.4
567	9.565 362	20	9.596 885	22	0.403 115	9.968 478	3	433	3 6.6
568	9.565 382	19	9.596 907	22	0.403 093	9.968 475	3	432	4 8.8
569	9.565 401	19	9.596 929	22	0.403 071	9.968 472	3	431	5 11.0
		19		22			3		6 13.2
.570	9.565 420	19	9.596 951	23	0.403 049	9.968 469	3	.430	7 15.4
		19		22			3		8 17.6
571	9.565 439	19	9.596 974	22	0.403 026	9.968 466	3	429	9 19.8
572	9.565 458	20	9.596 996	22	0.403 004	9.968 463	3	428	
573	9.565 478	19	9.597 018	22	0.402 982	9.968 460	3	427	
		19		22			3		
574	9.565 497	19	9.597 040	22	0.402 960	9.968 457	3	426	
575	9.565 516	19	9.597 062	22	0.402 938	9.968 454	3	425	
576	9.565 535	19	9.597 084	22	0.402 916	9.968 451	3	424	
		19		23			3		
577	9.565 554	19	9.597 107	22	0.402 893	9.968 448	3	423	20
578	9.565 573	20	9.597 129	22	0.402 871	9.968 445	3	422	1 2.0
579	9.565 593	19	9.597 151	22	0.402 849	9.968 442	3	421	2 4.0
		19		22			3		3 6.0
.580	9.565 612	19	9.597 173	22	0.402 827	9.968 439	3	.420	4 8.0
		19		22			3		5 10.0
581	9.565 631	19	9.597 195	22	0.402 805	9.968 436	3	419	6 12.0
582	9.565 650	19	9.597 217	23	0.402 783	9.968 433	3	418	7 14.0
583	9.565 669	19	9.597 240	22	0.402 760	9.968 430	3	417	8 16.0
		19		22			3		9 18.0
584	9.565 688	20	9.597 262	22	0.402 738	9.968 427	3	416	
585	9.565 708	19	9.597 284	22	0.402 716	9.968 424	3	415	
586	9.565 727	19	9.597 306	22	0.402 694	9.968 421	3	414	
		19		22			3		
587	9.565 746	19	9.597 328	22	0.402 672	9.968 418	3	413	
588	9.565 765	19	9.597 350	23	0.402 650	9.968 415	3	412	
589	9.565 784	19	9.597 373	22	0.402 627	9.968 412	3	411	19
		19		22			3		
.590	9.565 803	19	9.597 395	22	0.402 605	9.968 409	3	.410	1 1.9
		19		22			3		2 3.8
591	9.565 822	20	9.597 417	22	0.402 583	9.968 406	3	409	3 5.7
592	9.565 842	19	9.597 439	22	0.402 561	9.968 403	3	408	4 7.6
593	9.565 861	19	9.597 461	22	0.402 539	9.968 400	3	407	5 9.5
		19		22			3		6 11.4
594	9.565 880	19	9.597 483	22	0.402 517	9.968 397	3	406	7 13.3
595	9.565 899	19	9.597 505	23	0.402 495	9.968 394	3	405	8 15.2
596	9.565 918	19	9.597 528	22	0.402 472	9.968 391	3	404	9 17.1
		19		22			3		
597	9.565 937	19	9.597 550	22	0.402 450	9.968 388	3	403	
598	9.565 956	20	9.597 572	22	0.402 428	9.968 385	3	402	
599	9.565 976	19	9.597 594	22	0.402 406	9.968 382	3	401	
		19		22			3		
.600	9.565 995	19	9.597 616	22	0.402 384	9.968 379	3	.400	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.600 — 21°.650

21°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.565 995		9.597 616		0.402 384	9.968 379		.400	
601	9.566 014	19	9.597 638	22	0.402 362	9.968 376	3	399	
602	9.566 033	19	9.597 661	23	0.402 339	9.968 373	3	398	
603	9.566 052	19	9.597 683	22	0.402 317	9.968 370	3	397	
604	9.566 071	19	9.597 705	22	0.402 295	9.968 367	3	396	23
605	9.566 090	19	9.597 727	22	0.402 273	9.968 364	3	395	1 2.3
606	9.566 110	20	9.597 749	22	0.402 251	9.968 361	3	394	2 4.6
607	9.566 129	19	9.597 771	22	0.402 229	9.968 358	3	393	3 6.9
608	9.566 148	19	9.597 793	22	0.402 207	9.968 355	3	392	4 9.2
609	9.566 167	19	9.597 816	23	0.402 184	9.968 352	3	391	5 11.5
.610	9.566 186	19	9.597 838	22	0.402 162	9.968 349	3	.390	6 13.8
611	9.566 205	19	9.597 860	22	0.402 140	9.968 346	3	389	7 16.1
612	9.566 224	19	9.597 882	22	0.402 118	9.968 343	3	388	8 18.4
613	9.566 244	20	9.597 904	22	0.402 096	9.968 340	3	387	9 20.7
614	9.566 263	19	9.597 926	22	0.402 074	9.968 337	3	386	
615	9.566 282	19	9.597 948	22	0.402 052	9.968 334	3	385	22
616	9.566 301	19	9.597 970	22	0.402 030	9.968 331	3	384	
617	9.566 320	19	9.597 993	23	0.402 007	9.968 328	3	383	1 2.2
618	9.566 339	19	9.598 015	22	0.401 985	9.968 325	3	382	2 4.4
619	9.566 358	19	9.598 037	22	0.401 963	9.968 322	3	381	3 6.6
.620	9.566 377	19	9.598 059	22	0.401 941	9.968 319	3	.380	4 8.8
621	9.566 397	20	9.598 081	22	0.401 919	9.968 316	3	379	5 11.0
622	9.566 416	19	9.598 103	22	0.401 897	9.968 312	4	378	6 13.2
623	9.566 435	19	9.598 125	22	0.401 875	9.968 309	3	377	7 15.4
624	9.566 454	19	9.598 147	22	0.401 853	9.968 306	3	376	8 17.6
625	9.566 473	19	9.598 170	23	0.401 830	9.968 303	3	375	9 19.8
626	9.566 492	19	9.598 192	22	0.401 808	9.968 300	3	374	
627	9.566 511	19	9.598 214	22	0.401 786	9.968 297	3	373	20
628	9.566 530	19	9.598 236	22	0.401 764	9.968 294	3	372	
629	9.566 550	20	9.598 258	22	0.401 742	9.968 291	3	371	1 2.0
.630	9.566 569	19	9.598 280	22	0.401 720	9.968 288	3	.370	2 4.0
631	9.566 588	19	9.598 302	22	0.401 698	9.968 285	3	369	3 6.0
632	9.566 607	19	9.598 324	22	0.401 676	9.968 282	3	368	4 8.0
633	9.566 626	19	9.598 347	23	0.401 653	9.968 279	3	367	5 10.0
634	9.566 645	19	9.598 369	22	0.401 631	9.968 276	3	366	6 12.0
635	9.566 664	19	9.598 391	22	0.401 609	9.968 273	3	365	7 14.0
636	9.566 683	19	9.598 413	22	0.401 587	9.968 270	3	364	8 16.0
637	9.566 702	19	9.598 435	22	0.401 565	9.968 267	3	363	9 18.0
638	9.566 722	20	9.598 457	22	0.401 543	9.968 264	3	362	
639	9.566 741	19	9.598 479	22	0.401 521	9.968 261	3	361	19
.640	9.566 760	19	9.598 501	22	0.401 499	9.968 258	3	.360	
641	9.566 779	19	9.598 524	23	0.401 476	9.968 255	3	359	1 1.9
642	9.566 798	19	9.598 546	22	0.401 454	9.968 252	3	358	2 3.8
643	9.566 817	19	9.598 568	22	0.401 432	9.968 249	3	357	3 5.7
644	9.566 836	19	9.598 590	22	0.401 410	9.968 246	3	356	4 7.6
645	9.566 855	19	9.598 612	22	0.401 388	9.968 243	3	355	5 9.5
646	9.566 874	19	9.598 634	22	0.401 366	9.968 240	3	354	6 11.4
647	9.566 894	20	9.598 656	22	0.401 344	9.968 237	3	353	7 13.3
648	9.566 913	19	9.598 678	22	0.401 322	9.968 234	3	352	8 15.2
649	9.566 932	19	9.598 700	22	0.401 300	9.968 231	3	351	9 17.1
.650	9.566 951	19	9.598 722	22	0.401 278	9.968 228	3	.350	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.400 — 68°.350

21°.650 — 21°.700

21°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.566 951		9.598 722		0.401 278	9.968 228		.350	
651	9.566 970	19	9.598 745	23	0.401 255	9.968 225	3	349	
652	9.566 989	19	9.598 767	22	0.401 233	9.968 222	3	348	
653	9.567 008	19	9.598 789	22	0.401 211	9.968 219	3	347	
654	9.567 027	19	9.598 811	22	0.401 189	9.968 216	3	346	23
655	9.567 046	19	9.598 833	22	0.401 167	9.968 213	3	345	1 2.3
656	9.567 065	19	9.598 855	22	0.401 145	9.968 210	3	344	2 4.6
657	9.567 084	19	9.598 877	22	0.401 123	9.968 207	3	343	3 6.9
658	9.567 104	20	9.598 899	22	0.401 101	9.968 204	3	342	4 9.2
659	9.567 123	19	9.598 921	22	0.401 079	9.968 201	3	341	5 11.5
.660	9.567 142	19	9.598 943	22	0.401 057	9.968 198	3	.340	6 13.8
661	9.567 161	19	9.598 966	23	0.401 034	9.968 195	3	339	7 16.1
662	9.567 180	19	9.598 988	22	0.401 012	9.968 192	3	338	8 18.4
663	9.567 199	19	9.599 010	22	0.400 990	9.968 189	3	337	9 20.7
664	9.567 218	19	9.599 032	22	0.400 968	9.968 186	3	336	
665	9.567 237	19	9.599 054	22	0.400 946	9.968 183	3	335	22
666	9.567 256	19	9.599 076	22	0.400 924	9.968 180	3	334	
667	9.567 275	19	9.599 098	22	0.400 902	9.968 177	3	333	1 2.2
668	9.567 294	19	9.599 120	22	0.400 880	9.968 174	3	332	2 4.4
669	9.567 313	19	9.599 142	22	0.400 858	9.968 171	3	331	3 6.6
.670	9.567 333	20	9.599 164	22	0.400 836	9.968 168	3	.330	4 8.8
671	9.567 352	19	9.599 186	22	0.400 814	9.968 165	3	329	5 11.0
672	9.567 371	19	9.599 209	23	0.400 791	9.968 162	3	328	6 13.2
673	9.567 390	19	9.599 231	22	0.400 769	9.968 159	3	327	7 15.4
674	9.567 409	19	9.599 253	22	0.400 747	9.968 156	3	326	8 17.6
675	9.567 428	19	9.599 275	22	0.400 725	9.968 153	3	325	9 19.8
676	9.567 447	19	9.599 297	22	0.400 703	9.968 150	3	324	
677	9.567 466	19	9.599 319	22	0.400 681	9.968 147	3	323	20
678	9.567 485	19	9.599 341	22	0.400 659	9.968 144	3	322	
679	9.567 504	19	9.599 363	22	0.400 637	9.968 141	3	321	1 2.0
.680	9.567 523	19	9.599 385	22	0.400 615	9.968 138	3	.320	2 4.0
681	9.567 542	19	9.599 407	22	0.400 593	9.968 135	3	319	3 6.0
682	9.567 561	19	9.599 429	22	0.400 571	9.968 132	3	318	4 8.0
683	9.567 580	19	9.599 451	22	0.400 549	9.968 129	3	317	5 10.0
684	9.567 599	19	9.599 474	23	0.400 526	9.968 126	3	316	6 12.0
685	9.567 619	20	9.599 496	22	0.400 504	9.968 123	3	315	7 14.0
686	9.567 638	19	9.599 518	22	0.400 482	9.968 120	3	314	8 16.0
687	9.567 657	19	9.599 540	22	0.400 460	9.968 117	3	313	9 18.0
688	9.567 676	19	9.599 562	22	0.400 438	9.968 114	3	312	
689	9.567 695	19	9.599 584	22	0.400 416	9.968 111	3	311	19
.690	9.567 714	19	9.599 606	22	0.400 394	9.968 108	3	.310	
691	9.567 733	19	9.599 628	22	0.400 372	9.968 105	3	309	1 1.9
692	9.567 752	19	9.599 650	22	0.400 350	9.968 102	3	308	2 3.8
693	9.567 771	19	9.599 672	22	0.400 328	9.968 099	3	307	3 5.7
694	9.567 790	19	9.599 694	22	0.400 306	9.968 096	3	306	4 7.6
695	9.567 809	19	9.599 716	22	0.400 284	9.968 093	3	305	5 9.5
696	9.567 828	19	9.599 738	22	0.400 262	9.968 090	3	304	6 11.4
697	9.567 847	19	9.599 760	22	0.400 240	9.968 087	3	303	7 13.3
698	9.567 866	19	9.599 783	23	0.400 217	9.968 084	3	302	8 15.2
699	9.567 885	19	9.599 805	22	0.400 195	9.968 081	3	301	9 17.1
.700	9.567 904	19	9.599 827	22	0.400 173	9.968 078	3	.300	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.350 — 68°.300

21°.700 — 21°.750

21°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.567 904		9.599 827		0.400 173	9.968 078		.300	
701	9.567 923	19	9.599 849	22	0.400 151	9.968 075	3	299	
702	9.567 942	19	9.599 871	22	0.400 129	9.968 072	3	298	
703	9.567 962	20	9.599 893	22	0.400 107	9.968 069	3	297	
704	9.567 981	19	9.599 915	22	0.400 085	9.968 066	3	296	23
705	9.568 000	19	9.599 937	22	0.400 063	9.968 063	3	295	1 2.3
706	9.568 019	19	9.599 959	22	0.400 041	9.968 060	3	294	2 4.6
707	9.568 038	19	9.599 981	22	0.400 019	9.968 057	3	293	3 6.9
708	9.568 057	19	9.600 003	22	0.399 997	9.968 054	3	292	4 9.2
709	9.568 076	19	9.600 025	22	0.399 975	9.968 051	3	291	5 11.5
.710	9.568 095	19	9.600 047	22	0.399 953	9.968 048	3	.290	6 13.8
711	9.568 114	19	9.600 069	22	0.399 931	9.968 044	4	289	7 16.1
712	9.568 133	19	9.600 091	22	0.399 909	9.968 041	3	288	8 18.4
713	9.568 152	19	9.600 113	22	0.399 887	9.968 038	3	287	9 20.7
714	9.568 171	19	9.600 136	23	0.399 864	9.968 035	3	286	
715	9.568 190	19	9.600 158	22	0.399 842	9.968 032	3	285	22
716	9.568 209	19	9.600 180	22	0.399 820	9.968 029	3	284	
717	9.568 228	19	9.600 202	22	0.399 798	9.968 026	3	283	1 2.2
718	9.568 247	19	9.600 224	22	0.399 776	9.968 023	3	282	2 4.4
719	9.568 266	19	9.600 246	22	0.399 754	9.968 020	3	281	3 6.6
.720	9.568 285	19	9.600 268	22	0.399 732	9.968 017	3	.280	4 8.8
721	9.568 304	19	9.600 290	22	0.399 710	9.968 014	3	279	5 11.0
722	9.568 323	19	9.600 312	22	0.399 688	9.968 011	3	278	6 13.2
723	9.568 342	19	9.600 334	22	0.399 666	9.968 008	3	277	7 15.4
724	9.568 361	19	9.600 356	22	0.399 644	9.968 005	3	276	8 17.6
725	9.568 380	19	9.600 378	22	0.399 622	9.968 002	3	275	9 19.8
726	9.568 399	19	9.600 400	22	0.399 600	9.967 999	3	274	
727	9.568 418	19	9.600 422	22	0.399 578	9.967 996	3	273	20
728	9.568 437	19	9.600 444	22	0.399 556	9.967 993	3	272	
729	9.568 456	19	9.600 466	22	0.399 534	9.967 990	3	271	1 2.0
.730	9.568 475	19	9.600 488	22	0.399 512	9.967 987	3	.270	2 4.0
731	9.568 494	19	9.600 510	22	0.399 490	9.967 984	3	269	3 6.0
732	9.568 513	19	9.600 532	22	0.399 468	9.967 981	3	268	4 8.0
733	9.568 532	19	9.600 554	22	0.399 446	9.967 978	3	267	5 10.0
734	9.568 551	19	9.600 576	22	0.399 424	9.967 975	3	266	6 12.0
735	9.568 570	19	9.600 598	22	0.399 402	9.967 972	3	265	7 14.0
736	9.568 589	19	9.600 620	22	0.399 380	9.967 969	3	264	8 16.0
737	9.568 608	19	9.600 642	22	0.399 358	9.967 966	3	263	9 18.0
738	9.568 627	19	9.600 665	23	0.399 335	9.967 963	3	262	
739	9.568 646	19	9.600 687	22	0.399 313	9.967 960	3	261	19
.740	9.568 665	19	9.600 709	22	0.399 291	9.967 957	3	.260	
741	9.568 685	20	9.600 731	22	0.399 269	9.967 954	3	259	1 1.9
742	9.568 704	19	9.600 753	22	0.399 247	9.967 951	3	258	2 3.8
743	9.568 723	19	9.600 775	22	0.399 225	9.967 948	3	257	3 5.7
744	9.568 742	19	9.600 797	22	0.399 203	9.967 945	3	256	4 7.6
745	9.568 761	19	9.600 819	22	0.399 181	9.967 942	3	255	5 9.5
746	9.568 780	19	9.600 841	22	0.399 159	9.967 939	3	254	6 11.4
747	9.568 799	19	9.600 863	22	0.399 137	9.967 936	3	253	7 13.3
748	9.568 818	19	9.600 885	22	0.399 115	9.967 933	3	252	8 15.2
749	9.568 837	19	9.600 907	22	0.399 093	9.967 930	3	251	9 17.1
.750	9.568 856	19	9.600 929	22	0.399 071	9.967 927	3	.250	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.300 — 68°.250

21°.750 — 21°.800

21°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.568 856		9.600 929		0.399 071	9.967 927		.250	
751	9.568 875	19	9.600 951	22	0.399 049	9.967 924	3	249	
752	9.568 894	19	9.600 973	22	0.399 027	9.967 921	3	248	
753	9.568 913	19	9.600 995	22	0.399 005	9.967 918	3	247	
754	9.568 932	19	9.601 017	22	0.398 983	9.967 915	3	246	
755	9.568 951	19	9.601 039	22	0.398 961	9.967 912	3	245	
756	9.568 970	19	9.601 061	22	0.398 939	9.967 909	3	244	
757	9.568 989	19	9.601 083	22	0.398 917	9.967 906	3	243	
758	9.569 007	18	9.601 105	22	0.398 895	9.967 902	4	242	
759	9.569 026	19	9.601 127	22	0.398 873	9.967 899	3	241	
.760	9.569 045	19	9.601 149	22	0.398 851	9.967 896	3	.240	
761	9.569 064	19	9.601 171	22	0.398 829	9.967 893	3	239	
762	9.569 083	19	9.601 193	22	0.398 807	9.967 890	3	238	
763	9.569 102	19	9.601 215	22	0.398 785	9.967 887	3	237	
764	9.569 121	19	9.601 237	22	0.398 763	9.967 884	3	236	
765	9.569 140	19	9.601 259	22	0.398 741	9.967 881	3	235	
766	9.569 159	19	9.601 281	22	0.398 719	9.967 878	3	234	
767	9.569 178	19	9.601 303	22	0.398 697	9.967 875	3	233	
768	9.569 197	19	9.601 325	22	0.398 675	9.967 872	3	232	
769	9.569 216	19	9.601 347	22	0.398 653	9.967 869	3	231	
.770	9.569 235	19	9.601 369	22	0.398 631	9.967 866	3	.230	
771	9.569 254	19	9.601 391	22	0.398 609	9.967 863	3	229	
772	9.569 273	19	9.601 413	22	0.398 587	9.967 860	3	228	
773	9.569 292	19	9.601 435	22	0.398 565	9.967 857	3	227	
774	9.569 311	19	9.601 457	22	0.398 543	9.967 854	3	226	
775	9.569 330	19	9.601 479	22	0.398 521	9.967 851	3	225	
776	9.569 349	19	9.601 501	22	0.398 499	9.967 848	3	224	
777	9.569 368	19	9.601 523	22	0.398 477	9.967 845	3	223	
778	9.569 387	19	9.601 545	22	0.398 455	9.967 842	3	222	
779	9.569 406	19	9.601 567	22	0.398 433	9.967 839	3	221	
.780	9.569 425	19	9.601 589	22	0.398 411	9.967 836	3	.220	
781	9.569 444	19	9.601 611	22	0.398 389	9.967 833	3	219	
782	9.569 463	19	9.601 633	22	0.398 367	9.967 830	3	218	
783	9.569 482	19	9.601 655	22	0.398 345	9.967 827	3	217	
784	9.569 501	19	9.601 677	22	0.398 323	9.967 824	3	216	
785	9.569 520	19	9.601 699	22	0.398 301	9.967 821	3	215	
786	9.569 539	19	9.601 721	22	0.398 279	9.967 818	3	214	
787	9.569 558	19	9.601 743	22	0.398 257	9.967 815	3	213	
788	9.569 577	19	9.601 765	22	0.398 235	9.967 812	3	212	
789	9.569 596	19	9.601 787	22	0.398 213	9.967 809	3	211	
.790	9.569 615	19	9.601 809	22	0.398 191	9.967 806	3	.210	
791	9.569 634	19	9.601 831	22	0.398 169	9.967 803	3	209	
792	9.569 653	19	9.601 853	22	0.398 147	9.967 800	3	208	
793	9.569 672	19	9.601 875	22	0.398 125	9.967 796	4	207	
794	9.569 691	19	9.601 897	22	0.398 103	9.967 793	3	206	
795	9.569 710	19	9.601 919	22	0.398 081	9.967 790	3	205	
796	9.569 728	18	9.601 941	22	0.398 059	9.967 787	3	204	
797	9.569 747	19	9.601 963	22	0.398 037	9.967 784	3	203	
798	9.569 766	19	9.601 985	22	0.398 015	9.967 781	3	202	
799	9.569 785	19	9.602 007	22	0.397 993	9.967 778	3	201	
.800	9.569 804	19	9.602 029	22	0.397 971	9.967 775	3	.200	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.800 — 21°.850

21°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.569 804		9.602 029		0.397 971	9.967 775		.200	
801	9.569 823	19	9.602 051	22	0.397 949	9.967 772	3	199	
802	9.569 842	19	9.602 073	22	0.397 927	9.967 769	3	198	
803	9.569 861	19	9.602 095	22	0.397 905	9.967 766	3	197	
804	9.569 880	19	9.602 117	22	0.397 883	9.967 763	3	196	22
805	9.569 899	19	9.602 139	22	0.397 861	9.967 760	3	195	1 2.2
806	9.569 918	19	9.602 161	22	0.397 839	9.967 757	3	194	2 4.4
807	9.569 937	19	9.602 183	22	0.397 817	9.967 754	3	193	3 6.6
808	9.569 956	19	9.602 205	22	0.397 795	9.967 751	3	192	4 8.8
809	9.569 975	19	9.602 227	22	0.397 773	9.967 748	3	191	5 11.0
.810	9.569 994	19	9.602 249	22	0.397 751	9.967 745	3	.190	6 13.2
811	9.570 013	19	9.602 271	22	0.397 729	9.967 742	3	189	7 15.4
812	9.570 032	19	9.602 293	22	0.397 707	9.967 739	3	188	8 17.6
813	9.570 051	19	9.602 315	22	0.397 685	9.967 736	3	187	9 19.8
814	9.570 070	19	9.602 337	22	0.397 663	9.967 733	3	186	
815	9.570 088	18	9.602 359	22	0.397 641	9.967 730	3	185	21
816	9.570 107	19	9.602 381	22	0.397 619	9.967 727	3	184	1 2.1
817	9.570 126	19	9.602 403	22	0.397 597	9.967 724	3	183	2 4.2
818	9.570 145	19	9.602 425	22	0.397 575	9.967 721	3	182	3 6.3
819	9.570 164	19	9.602 447	22	0.397 553	9.967 718	3	181	4 8.4
.820	9.570 183	19	9.602 469	22	0.397 531	9.967 715	3	.180	5 10.5
821	9.570 202	19	9.602 490	21	0.397 510	9.967 712	3	179	6 12.6
822	9.570 221	19	9.602 512	22	0.397 488	9.967 709	3	178	7 14.7
823	9.570 240	19	9.602 534	22	0.397 466	9.967 706	3	177	8 16.8
824	9.570 259	19	9.602 556	22	0.397 444	9.967 702	4	176	9 18.9
825	9.570 278	19	9.602 578	22	0.397 422	9.967 699	3	175	
826	9.570 297	19	9.602 600	22	0.397 400	9.967 696	3	174	
827	9.570 316	19	9.602 622	22	0.397 378	9.967 693	3	173	19
828	9.570 335	19	9.602 644	22	0.397 356	9.967 690	3	172	1 1.9
829	9.570 353	18	9.602 666	22	0.397 334	9.967 687	3	171	2 3.8
.830	9.570 372	19	9.602 688	22	0.397 312	9.967 684	3	.170	3 5.7
831	9.570 391	19	9.602 710	22	0.397 290	9.967 681	3	169	4 7.6
832	9.570 410	19	9.602 732	22	0.397 268	9.967 678	3	168	5 9.5
833	9.570 429	19	9.602 754	22	0.397 246	9.967 675	3	167	6 11.4
834	9.570 448	19	9.602 776	22	0.397 224	9.967 672	3	166	7 13.3
835	9.570 467	19	9.602 798	22	0.397 202	9.967 669	3	165	8 15.2
836	9.570 486	19	9.602 820	22	0.397 180	9.967 666	3	164	9 17.1
837	9.570 505	19	9.602 842	22	0.397 158	9.967 663	3	163	
838	9.570 524	19	9.602 864	22	0.397 136	9.967 660	3	162	
839	9.570 543	19	9.602 886	22	0.397 114	9.967 657	3	161	18
.840	9.570 562	18	9.602 908	22	0.397 092	9.967 654	3	.160	1 1.8
841	9.570 580	19	9.602 930	22	0.397 070	9.967 651	3	159	2 3.6
842	9.570 599	19	9.602 952	22	0.397 048	9.967 648	3	158	3 5.4
843	9.570 618	19	9.602 974	22	0.397 026	9.967 645	3	157	4 7.2
844	9.570 637	19	9.602 995	21	0.397 005	9.967 642	3	156	5 9.0
845	9.570 656	19	9.603 017	22	0.396 983	9.967 639	3	155	6 10.8
846	9.570 675	19	9.603 039	22	0.396 961	9.967 636	3	154	7 12.6
847	9.570 694	19	9.603 061	22	0.396 939	9.967 633	3	153	8 14.4
848	9.570 713	19	9.603 083	22	0.396 917	9.967 630	3	152	9 16.2
849	9.570 732	19	9.603 105	22	0.396 895	9.967 627	3	151	
.850	9.570 751	19	9.603 127	22	0.396 873	9.967 624	3	.150	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.200 — 68°.150

21°.850 — 21°.900

21°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.570 751		9.603 127		0.396 873	9.967 624		.150	
851	9.570 770	19	9.603 149	22	0.396 851	9.967 620	4	149	
852	9.570 788	18	9.603 171	22	0.396 829	9.967 617	3	148	
853	9.570 807	19	9.603 193	22	0.396 807	9.967 614	3	147	
		19		22			3		22
854	9.570 826	19	9.603 215	22	0.396 785	9.967 611	3	146	
855	9.570 845	19	9.603 237	22	0.396 763	9.967 608	3	145	1 2.2
856	9.570 864	19	9.603 259	22	0.396 741	9.967 605	3	144	2 4.4
		19		22			3		3 6.6
857	9.570 883	19	9.603 281	22	0.396 719	9.967 602	3	143	4 8.8
858	9.570 902	19	9.603 303	22	0.396 697	9.967 599	3	142	5 11.0
859	9.570 921	19	9.603 325	22	0.396 675	9.967 596	3	141	6 13.2
		19		22			3		7 15.4
.860	9.570 940		9.603 347		0.396 653	9.967 593		.140	8 17.6
		19		21			3		9 19.8
861	9.570 959	18	9.603 368	22	0.396 632	9.967 590	3	139	
862	9.570 977	19	9.603 390	22	0.396 610	9.967 587	3	138	
863	9.570 996	19	9.603 412	22	0.396 588	9.967 584	3	137	
		19		22			3		
864	9.571 015	19	9.603 434	22	0.396 566	9.967 581	3	136	
865	9.571 034	19	9.603 456	22	0.396 544	9.967 578	3	135	
866	9.571 053	19	9.603 478	22	0.396 522	9.967 575	3	134	21
		19		22			3		
867	9.571 072	19	9.603 500	22	0.396 500	9.967 572	3	133	1 2.1
868	9.571 091	19	9.603 522	22	0.396 478	9.967 569	3	132	2 4.2
869	9.571 110	19	9.603 544	22	0.396 456	9.967 566	3	131	3 6.3
		19		22			3		4 8.4
.870	9.571 129		9.603 566		0.396 434	9.967 563		.130	5 10.5
		18		22			3		6 12.6
871	9.571 147	19	9.603 588	22	0.396 412	9.967 560	3	129	7 14.7
872	9.571 166	19	9.603 610	22	0.396 390	9.967 557	3	128	8 16.8
873	9.571 185	19	9.603 632	22	0.396 368	9.967 554	3	127	9 18.9
		19		22			3		
874	9.571 204	19	9.603 654	21	0.396 346	9.967 551	4	126	
875	9.571 223	19	9.603 675	22	0.396 325	9.967 547	3	125	
876	9.571 242	19	9.603 697	22	0.396 303	9.967 544	3	124	
		19		22			3		
877	9.571 261	19	9.603 719	22	0.396 281	9.967 541	3	123	19
878	9.571 280	19	9.603 741	22	0.396 259	9.967 538	3	122	
879	9.571 298	18	9.603 763	22	0.396 237	9.967 535	3	121	1 1.9
		19		22			3		2 3.8
.880	9.571 317		9.603 785		0.396 215	9.967 532		.120	3 5.7
		19		22			3		4 7.6
881	9.571 336	19	9.603 807	22	0.396 193	9.967 529	3	119	5 9.5
882	9.571 355	19	9.603 829	22	0.396 171	9.967 526	3	118	6 11.4
883	9.571 374	19	9.603 851	22	0.396 149	9.967 523	3	117	7 13.3
		19		22			3		8 15.2
884	9.571 393	19	9.603 873	22	0.396 127	9.967 520	3	116	9 17.1
885	9.571 412	19	9.603 895	22	0.396 105	9.967 517	3	115	
886	9.571 431	19	9.603 917	22	0.396 083	9.967 514	3	114	
		18		21			3		
887	9.571 449	19	9.603 938	22	0.396 062	9.967 511	3	113	
888	9.571 468	19	9.603 960	22	0.396 040	9.967 508	3	112	
889	9.571 487	19	9.603 982	22	0.396 018	9.967 505	3	111	
		19		22			3		18
.890	9.571 506		9.604 004		0.395 996	9.967 502		.110	1 1.8
		19		22			3		2 3.6
891	9.571 525	19	9.604 026	22	0.395 974	9.967 499	3	109	3 5.4
892	9.571 544	19	9.604 048	22	0.395 952	9.967 496	3	108	4 7.2
893	9.571 563	19	9.604 070	22	0.395 930	9.967 493	3	107	5 9.0
		18		22			3		6 10.8
894	9.571 581	19	9.604 092	22	0.395 908	9.967 490	3	106	7 12.6
895	9.571 600	19	9.604 114	22	0.395 886	9.967 487	3	105	8 14.4
896	9.571 619	19	9.604 136	22	0.395 864	9.967 484	3	104	9 16.2
		19		22			4		
897	9.571 638	19	9.604 158	21	0.395 842	9.967 480	3	103	
898	9.571 657	19	9.604 179	22	0.395 821	9.967 477	3	102	
899	9.571 676	19	9.604 201	22	0.395 799	9.967 474	3	101	
		19		22			3		
.900	9.571 695		9.604 223		0.395 777	9.967 471		.100	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.150 — 68°.100

21°.900 — 21°.950

21°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.571 695	18	9.604 223	22	0.395 777	9.967 471	3	.100	
901	9.571 713	19	9.604 245	22	0.395 755	9.967 468	3	099	
902	9.571 732	19	9.604 267	22	0.395 733	9.967 465	3	098	
903	9.571 751	19	9.604 289	22	0.395 711	9.967 462	3	097	
904	9.571 770	19	9.604 311	22	0.395 689	9.967 459	3	096	22
905	9.571 789	19	9.604 333	22	0.395 667	9.967 456	3	095	1 2.2
906	9.571 808	19	9.604 355	22	0.395 645	9.967 453	3	094	2 4.4
907	9.571 827	19	9.604 377	21	0.395 623	9.967 450	3	093	3 6.6
908	9.571 845	19	9.604 398	22	0.395 602	9.967 447	3	092	4 8.8
909	9.571 864	19	9.604 420	22	0.395 580	9.967 444	3	091	5 11.0
.910	9.571 883	19	9.604 442	22	0.395 558	9.967 441	3	.090	6 13.2
911	9.571 902	19	9.604 464	22	0.395 536	9.967 438	3	089	7 15.4
912	9.571 921	19	9.604 486	22	0.395 514	9.967 435	3	088	8 17.6
913	9.571 940	19	9.604 508	22	0.395 492	9.967 432	3	087	9 19.8
914	9.571 958	18	9.604 530	22	0.395 470	9.967 429	3	086	
915	9.571 977	19	9.604 552	22	0.395 448	9.967 426	3	085	
916	9.571 996	19	9.604 574	22	0.395 426	9.967 423	3	084	21
917	9.572 015	19	9.604 595	21	0.395 405	9.967 420	3	083	1 2.1
918	9.572 034	19	9.604 617	22	0.395 383	9.967 416	4	082	2 4.2
919	9.572 053	19	9.604 639	22	0.395 361	9.967 413	3	081	3 6.3
.920	9.572 072	19	9.604 661	22	0.395 339	9.967 410	3	.080	4 8.4
921	9.572 090	18	9.604 683	22	0.395 317	9.967 407	3	079	5 10.5
922	9.572 109	19	9.604 705	22	0.395 295	9.967 404	3	078	6 12.6
923	9.572 128	19	9.604 727	22	0.395 273	9.967 401	3	077	7 14.7
924	9.572 147	19	9.604 749	22	0.395 251	9.967 398	3	076	8 16.8
925	9.572 166	19	9.604 771	21	0.395 229	9.967 395	3	075	9 18.9
926	9.572 185	19	9.604 792	21	0.395 208	9.967 392	3	074	
927	9.572 203	18	9.604 814	22	0.395 186	9.967 389	3	073	19
928	9.572 222	19	9.604 836	22	0.395 164	9.967 386	3	072	
929	9.572 241	19	9.604 858	22	0.395 142	9.967 383	3	071	
.930	9.572 260	19	9.604 880	22	0.395 120	9.967 380	3	.070	1 1.9
931	9.572 279	19	9.604 902	22	0.395 098	9.967 377	3	069	2 3.8
932	9.572 297	18	9.604 924	22	0.395 076	9.967 374	3	068	3 5.7
933	9.572 316	19	9.604 946	22	0.395 054	9.967 371	3	067	4 7.6
934	9.572 335	19	9.604 967	21	0.395 033	9.967 368	3	066	5 9.5
935	9.572 354	19	9.604 989	22	0.395 011	9.967 365	3	065	6 11.4
936	9.572 373	19	9.605 011	22	0.394 989	9.967 362	3	064	7 13.3
937	9.572 392	19	9.605 033	22	0.394 967	9.967 358	4	063	8 15.2
938	9.572 410	18	9.605 055	22	0.394 945	9.967 355	3	062	9 17.1
939	9.572 429	19	9.605 077	22	0.394 923	9.967 352	3	061	
.940	9.572 448	19	9.605 099	22	0.394 901	9.967 349	3	.060	18
941	9.572 467	19	9.605 121	22	0.394 879	9.967 346	3	059	1 1.8
942	9.572 486	19	9.605 142	21	0.394 858	9.967 343	3	058	2 3.6
943	9.572 505	19	9.605 164	22	0.394 836	9.967 340	3	057	3 5.4
944	9.572 523	18	9.605 186	22	0.394 814	9.967 337	3	056	4 7.2
945	9.572 542	19	9.605 208	22	0.394 792	9.967 334	3	055	5 9.0
946	9.572 561	19	9.605 230	22	0.394 770	9.967 331	3	054	6 10.8
947	9.572 580	19	9.605 252	22	0.394 748	9.967 328	3	053	7 12.6
948	9.572 599	19	9.605 274	22	0.394 726	9.967 325	3	052	8 14.4
949	9.572 617	18	9.605 296	22	0.394 704	9.967 322	3	051	9 16.2
.950	9.572 636	19	9.605 317	21	0.394 683	9.967 319	3	.050	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

21°.950 — 22°.000

21°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.572 636		9.605 317		0.394 683	9.967 319		.050	
951	9.572 655	19	9.605 339	22	0.394 661	9.967 316	3	049	
952	9.572 674	19	9.605 361	22	0.394 639	9.967 313	3	048	
953	9.572 693	19	9.605 383	22	0.394 617	9.967 310	3	047	
		18		22			3		22
954	9.572 711	19	9.605 405	22	0.394 595	9.967 307	3	046	1 2.2
955	9.572 730	19	9.605 427	22	0.394 573	9.967 304	3	045	2 4.4
956	9.572 749	19	9.605 449	22	0.394 551	9.967 300	4	044	3 6.6
		19		21			3		4 8.8
957	9.572 768	19	9.605 470	22	0.394 530	9.967 297	3	043	5 11.0
958	9.572 787	18	9.605 492	22	0.394 508	9.967 294	3	042	6 13.2
959	9.572 805		9.605 514		0.394 486	9.967 291	3	041	7 15.4
.960	9.572 824	19	9.605 536	22	0.394 464	9.967 288	3	.040	8 17.6
		19		22			3		9 19.8
961	9.572 843	19	9.605 558	22	0.394 442	9.967 285	3	039	
962	9.572 862	19	9.605 580	22	0.394 420	9.967 282	3	038	
963	9.572 881	19	9.605 602	22	0.394 398	9.967 279	3	037	
		18		21			3		21
964	9.572 899	19	9.605 623	22	0.394 377	9.967 276	3	036	1 2.1
965	9.572 918	19	9.605 645	22	0.394 355	9.967 273	3	035	2 4.2
966	9.572 937	19	9.605 667	22	0.394 333	9.967 270	3	034	3 6.3
		19		22			3		4 8.4
967	9.572 956	19	9.605 689	22	0.394 311	9.967 267	3	033	5 10.5
968	9.572 975	19	9.605 711	22	0.394 289	9.967 264	3	032	6 12.6
969	9.572 993	18	9.605 733	22	0.394 267	9.967 261	3	031	7 14.7
		19		22			3		8 16.8
.970	9.573 012	19	9.605 755	21	0.394 245	9.967 258	3	.030	9 18.9
		19		22			3		
971	9.573 031	19	9.605 776	22	0.394 224	9.967 255	3	029	
972	9.573 050	19	9.605 798	22	0.394 202	9.967 252	3	028	
973	9.573 069	19	9.605 820	22	0.394 180	9.967 248	4	027	
		18		22			3		
974	9.573 087	19	9.605 842	22	0.394 158	9.967 245	3	026	
975	9.573 106	19	9.605 864	22	0.394 136	9.967 242	3	025	
976	9.573 125	19	9.605 886	22	0.394 114	9.967 239	3	024	
		19		21			3		
977	9.573 144	18	9.605 907	22	0.394 093	9.967 236	3	023	19
978	9.573 162	19	9.605 929	22	0.394 071	9.967 233	3	022	1 1.9
979	9.573 181	19	9.605 951	22	0.394 049	9.967 230	3	021	2 3.8
		19		22			3		3 5.7
.980	9.573 200	19	9.605 973	22	0.394 027	9.967 227	3	.020	4 7.6
		19		22			3		5 9.5
981	9.573 219	19	9.605 995	22	0.394 005	9.967 224	3	019	6 11.4
982	9.573 238	18	9.606 017	21	0.393 983	9.967 221	3	018	7 13.3
983	9.573 256	19	9.606 038	22	0.393 962	9.967 218	3	017	8 15.2
		19		22			3		9 17.1
984	9.573 275	19	9.606 060	22	0.393 940	9.967 215	3	016	
985	9.573 294	19	9.606 082	22	0.393 918	9.967 212	3	015	
986	9.573 313	19	9.606 104	22	0.393 896	9.967 209	3	014	
		18		22			3		
987	9.573 331	19	9.606 126	22	0.393 874	9.967 206	3	013	
988	9.573 350	19	9.606 148	22	0.393 852	9.967 203	3	012	
989	9.573 369	19	9.606 169	21	0.393 831	9.967 200	3	011	
		19		22			4		18
.990	9.573 388	19	9.606 191	22	0.393 809	9.967 196	3	.010	1 1.8
		19		22			3		2 3.6
991	9.573 407	18	9.606 213	22	0.393 787	9.967 193	3	009	3 5.4
992	9.573 425	19	9.606 235	22	0.393 765	9.967 190	3	008	4 7.2
993	9.573 444	19	9.606 257	22	0.393 743	9.967 187	3	007	5 9.0
		19		22			3		6 10.8
994	9.573 463	19	9.606 279	21	0.393 721	9.967 184	3	006	7 12.6
995	9.573 482	18	9.606 300	22	0.393 700	9.967 181	3	005	8 14.4
996	9.573 500	18	9.606 322	22	0.393 678	9.967 178	3	004	9 16.2
		19		22			3		
997	9.573 519	19	9.606 344	22	0.393 656	9.967 175	3	003	
998	9.573 538	19	9.606 366	22	0.393 634	9.967 172	3	002	
999	9.573 557	19	9.606 388	22	0.393 612	9.967 169	3	001	
		18		22			3		
*.000	9.573 575	19	9.606 410	22	0.393 590	9.967 166	3	.000	
	cos	d	cotg	d	tang	sin	d	68°	P.P.

68°.050 — 68°.000

22°.000 — 22°.050

22°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.573 575		9.606 410		0.393 590	9.967 166		*.000	
001	9.573 594	19	9.606 431	21	0.393 569	9.967 163	3	999	
002	9.573 613	19	9.606 453	22	0.393 547	9.967 160	3	998	
003	9.573 632	19	9.606 475	22	0.393 525	9.967 157	3	997	
004	9.573 650	18	9.606 497	22	0.393 503	9.967 154	3	996	22
005	9.573 669	19	9.606 519	22	0.393 481	9.967 151	3	995	1 2.2
006	9.573 688	19	9.606 540	21	0.393 460	9.967 147	4	994	2 4.4
007	9.573 707	19	9.606 562	22	0.393 438	9.967 144	3	993	3 6.6
008	9.573 725	18	9.606 584	22	0.393 416	9.967 141	3	992	4 8.8
009	9.573 744	19	9.606 606	22	0.393 394	9.967 138	3	991	5 11.0
		19		22			3		6 13.2
.010	9.573 763		9.606 628		0.393 372	9.967 135		.990	7 15.4
		19		22			3		8 17.6
011	9.573 782	18	9.606 650	21	0.393 350	9.967 132	3	989	9 19.8
012	9.573 800	19	9.606 671	22	0.393 329	9.967 129	3	988	
013	9.573 819	19	9.606 693	22	0.393 307	9.967 126	3	987	
014	9.573 838	19	9.606 715	22	0.393 285	9.967 123	3	986	
015	9.573 857	19	9.606 737	22	0.393 263	9.967 120	3	985	
016	9.573 875	18	9.606 759	22	0.393 241	9.967 117	3	984	21
017	9.573 894	19	9.606 780	21	0.393 220	9.967 114	3	983	1 2.1
018	9.573 913	19	9.606 802	22	0.393 198	9.967 111	3	982	2 4.2
019	9.573 932	19	9.606 824	22	0.393 176	9.967 108	3	981	3 6.3
		18		22			3		4 8.4
.020	9.573 950		9.606 846		0.393 154	9.967 105		.980	5 10.5
		19		22			3		6 12.6
021	9.573 969	19	9.606 868	21	0.393 132	9.967 102	4	979	7 14.7
022	9.573 988	19	9.606 889	22	0.393 111	9.967 098	3	978	8 16.8
023	9.574 007	19	9.606 911	22	0.393 089	9.967 095	3	977	9 18.9
024	9.574 025	18	9.606 933	22	0.393 067	9.967 092	3	976	
025	9.574 044	19	9.606 955	22	0.393 045	9.967 089	3	975	
026	9.574 063	19	9.606 977	22	0.393 023	9.967 086	3	974	
027	9.574 082	19	9.606 998	21	0.393 002	9.967 083	3	973	
028	9.574 100	18	9.607 020	22	0.392 980	9.967 080	3	972	19
029	9.574 119	19	9.607 042	22	0.392 958	9.967 077	3	971	1 1.9
		19		22			3		2 3.8
.030	9.574 138		9.607 064		0.392 936	9.967 074		.970	3 5.7
		19		22			3		4 7.6
031	9.574 157	18	9.607 086	21	0.392 914	9.967 071	3	969	5 9.5
032	9.574 175	19	9.607 107	22	0.392 893	9.967 068	3	968	6 11.4
033	9.574 194	19	9.607 129	22	0.392 871	9.967 065	3	967	7 13.3
034	9.574 213	19	9.607 151	22	0.392 849	9.967 062	3	966	8 15.2
035	9.574 231	18	9.607 173	22	0.392 827	9.967 059	3	965	9 17.1
036	9.574 250	19	9.607 195	22	0.392 805	9.967 056	3	964	
037	9.574 269	19	9.607 216	21	0.392 784	9.967 052	4	963	
038	9.574 288	19	9.607 238	22	0.392 762	9.967 049	3	962	
039	9.574 306	18	9.607 260	22	0.392 740	9.967 046	3	961	
		19		22			3		18
.040	9.574 325		9.607 282		0.392 718	9.967 043		.960	1 1.8
		19		22			3		2 3.6
041	9.574 344	19	9.607 304	21	0.392 696	9.967 040	3	959	3 5.4
042	9.574 363	19	9.607 325	22	0.392 675	9.967 037	3	958	4 7.2
043	9.574 381	18	9.607 347	22	0.392 653	9.967 034	3	957	5 9.0
044	9.574 400	19	9.607 369	22	0.392 631	9.967 031	3	956	6 10.8
045	9.574 419	19	9.607 391	22	0.392 609	9.967 028	3	955	7 12.6
046	9.574 437	18	9.607 413	22	0.392 587	9.967 025	3	954	8 14.4
047	9.574 456	19	9.607 434	21	0.392 566	9.967 022	3	953	9 16.2
048	9.574 475	19	9.607 456	22	0.392 544	9.967 019	3	952	
049	9.574 494	19	9.607 478	22	0.392 522	9.967 016	3	951	
		18		22			3		
.050	9.574 512		9.607 500		0.392 500	9.967 013		.950	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

68°.000 — 67°.950

22°.050 — 22°.100

22°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.574 512		9.607 500		0.392 500	9.967 013		.950	
051	9.574 531	19	9.607 522	22	0.392 478	9.967 009	4	949	
052	9.574 550	19	9.607 543	21	0.392 457	9.967 006	3	948	
053	9.574 568	18	9.607 565	22	0.392 435	9.967 003	3	947	
		19		22			3		22
054	9.574 587	19	9.607 587	22	0.392 413	9.967 000	3	946	1 2.2
055	9.574 606	19	9.607 609	22	0.392 391	9.966 997	3	945	2 4.4
056	9.574 625	19	9.607 630	21	0.392 370	9.966 994	3	944	3 6.6
		18		22			3		4 8.8
057	9.574 643	19	9.607 652	22	0.392 348	9.966 991	3	943	5 11.0
058	9.574 662	19	9.607 674	22	0.392 326	9.966 988	3	942	6 13.2
059	9.574 681	19	9.607 696	22	0.392 304	9.966 985	3	941	7 15.4
		18		22			3		8 17.6
.060	9.574 699	19	9.607 718	21	0.392 282	9.966 982	3	.940	9 19.8
061	9.574 718	19	9.607 739	22	0.392 261	9.966 979	3	939	
062	9.574 737	19	9.607 761	22	0.392 239	9.966 976	3	938	
063	9.574 755	18	9.607 783	22	0.392 217	9.966 973	3	937	
		19		22			3		21
064	9.574 774	19	9.607 805	22	0.392 195	9.966 970	4	936	1 2.1
065	9.574 793	19	9.607 826	21	0.392 174	9.966 966	3	935	2 4.2
066	9.574 812	19	9.607 848	22	0.392 152	9.966 963	3	934	3 6.3
		18		22			3		4 8.4
067	9.574 830	19	9.607 870	22	0.392 130	9.966 960	3	933	5 10.5
068	9.574 849	19	9.607 892	22	0.392 108	9.966 957	3	932	6 12.6
069	9.574 868	19	9.607 913	21	0.392 087	9.966 954	3	931	7 14.7
		18		22			3		8 16.8
.070	9.574 886	19	9.607 935	22	0.392 065	9.966 951	3	.930	9 18.9
071	9.574 905	19	9.607 957	22	0.392 043	9.966 948	3	929	
072	9.574 924	18	9.607 979	22	0.392 021	9.966 945	3	928	
073	9.574 942	19	9.608 001	22	0.391 999	9.966 942	3	927	
		19		21			3		
074	9.574 961	19	9.608 022	22	0.391 978	9.966 939	3	926	
075	9.574 980	19	9.608 044	22	0.391 956	9.966 936	3	925	
076	9.574 999	19	9.608 066	22	0.391 934	9.966 933	3	924	
		18		22			3		19
077	9.575 017	19	9.608 088	22	0.391 912	9.966 930	3	923	1 1.9
078	9.575 036	19	9.608 109	21	0.391 891	9.966 927	3	922	2 3.8
079	9.575 055	19	9.608 131	22	0.391 869	9.966 923	4	921	3 5.7
		18		22			3		4 7.6
.080	9.575 073	19	9.608 153	22	0.391 847	9.966 920	3	.920	5 9.5
081	9.575 092	19	9.608 175	21	0.391 825	9.966 917	3	919	6 11.4
082	9.575 111	18	9.608 196	22	0.391 804	9.966 914	3	918	7 13.3
083	9.575 129	19	9.608 218	22	0.391 782	9.966 911	3	917	8 15.2
		19		22			3		9 17.1
084	9.575 148	19	9.608 240	22	0.391 760	9.966 908	3	916	
085	9.575 167	19	9.608 262	22	0.391 738	9.966 905	3	915	
086	9.575 185	18	9.608 283	21	0.391 717	9.966 902	3	914	
		19		22			3		
087	9.575 204	19	9.608 305	22	0.391 695	9.966 899	3	913	
088	9.575 223	19	9.608 327	22	0.391 673	9.966 896	3	912	
089	9.575 241	18	9.608 349	22	0.391 651	9.966 893	3	911	
		19		21			3		18
.090	9.575 260	19	9.608 370	22	0.391 630	9.966 890	3	.910	1 1.8
091	9.575 279	18	9.608 392	22	0.391 608	9.966 887	3	909	2 3.6
092	9.575 297	19	9.608 414	22	0.391 586	9.966 883	4	908	3 5.4
093	9.575 316	19	9.608 436	22	0.391 564	9.966 880	3	907	4 7.2
		19		21			3		5 9.0
094	9.575 335	18	9.608 457	22	0.391 543	9.966 877	3	906	6 10.8
095	9.575 353	19	9.608 479	22	0.391 521	9.966 874	3	905	7 12.6
096	9.575 372	19	9.608 501	22	0.391 499	9.966 871	3	904	8 14.4
		19		22			3		9 16.2
097	9.575 391	18	9.608 523	22	0.391 477	9.966 868	3	903	
098	9.575 409	18	9.608 544	21	0.391 456	9.966 865	3	902	
099	9.575 428	19	9.608 566	22	0.391 434	9.966 862	3	901	
		19		22			3		
.100	9.575 447	19	9.608 588	22	0.391 412	9.966 859	3	.900	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.100 — 22°.150

22°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.575 447	18	9.608 588	22	0.391 412	9.966 859	3	.900	
101	9.575 465	19	9.608 610	21	0.391 390	9.966 856	3	899	
102	9.575 484	19	9.608 631	22	0.391 369	9.966 853	3	898	
103	9.575 503	18	9.608 653	22	0.391 347	9.966 850	3	897	
104	9.575 521	19	9.608 675	22	0.391 325	9.966 847	3	896	22
105	9.575 540	19	9.608 697	21	0.391 303	9.966 843	3	895	1 2.2
106	9.575 559	18	9.608 718	22	0.391 282	9.966 840	3	894	2 4.4
107	9.575 577	19	9.608 740	22	0.391 260	9.966 837	3	893	3 6.6
108	9.575 596	19	9.608 762	22	0.391 238	9.966 834	3	892	4 8.8
109	9.575 615	18	9.608 784	21	0.391 216	9.966 831	3	891	5 11.0
.110	9.575 633	19	9.608 805	22	0.391 195	9.966 828	3	.890	6 13.2
111	9.575 652	19	9.608 827	22	0.391 173	9.966 825	3	889	7 15.4
112	9.575 671	18	9.608 849	22	0.391 151	9.966 822	3	888	8 17.6
113	9.575 689	19	9.608 871	21	0.391 129	9.966 819	3	887	9 19.8
114	9.575 708	19	9.608 892	22	0.391 108	9.966 816	3	886	
115	9.575 727	18	9.608 914	22	0.391 086	9.966 813	3	885	21
116	9.575 745	19	9.608 936	22	0.391 064	9.966 810	3	884	
117	9.575 764	19	9.608 958	22	0.391 042	9.966 806	4	883	1 2.1
118	9.575 783	18	9.608 979	21	0.391 021	9.966 803	3	882	2 4.2
119	9.575 801	19	9.609 001	22	0.390 999	9.966 800	3	881	3 6.3
.120	9.575 820	19	9.609 023	22	0.390 977	9.966 797	3	.880	4 8.4
121	9.575 839	18	9.609 044	21	0.390 956	9.966 794	3	879	5 10.5
122	9.575 857	19	9.609 066	22	0.390 934	9.966 791	3	878	6 12.6
123	9.575 876	19	9.609 088	22	0.390 912	9.966 788	3	877	7 14.7
124	9.575 895	18	9.609 110	22	0.390 890	9.966 785	3	876	8 16.8
125	9.575 913	19	9.609 131	22	0.390 869	9.966 782	3	875	9 18.9
126	9.575 932	18	9.609 153	22	0.390 847	9.966 779	3	874	
127	9.575 950	19	9.609 175	22	0.390 825	9.966 776	3	873	19
128	9.575 969	19	9.609 197	21	0.390 803	9.966 773	3	872	
129	9.575 988	18	9.609 218	22	0.390 782	9.966 770	4	871	1 1.9
.130	9.576 006	19	9.609 240	22	0.390 760	9.966 766	3	.870	2 3.8
131	9.576 025	19	9.609 262	21	0.390 738	9.966 763	3	869	3 5.7
132	9.576 044	18	9.609 283	22	0.390 717	9.966 760	3	868	4 7.6
133	9.576 062	19	9.609 305	22	0.390 695	9.966 757	3	867	5 9.5
134	9.576 081	19	9.609 327	22	0.390 673	9.966 754	3	866	6 11.4
135	9.576 100	18	9.609 349	21	0.390 651	9.966 751	3	865	7 13.3
136	9.576 118	19	9.609 370	22	0.390 630	9.966 748	3	864	8 15.2
137	9.576 137	18	9.609 392	22	0.390 608	9.966 745	3	863	9 17.1
138	9.576 155	19	9.609 414	21	0.390 586	9.966 742	3	862	
139	9.576 174	19	9.609 435	22	0.390 565	9.966 739	3	861	18
.140	9.576 193	18	9.609 457	22	0.390 543	9.966 736	3	.860	
141	9.576 211	19	9.609 479	22	0.390 521	9.966 733	3	859	1 1.8
142	9.576 230	19	9.609 501	21	0.390 499	9.966 729	4	858	2 3.6
143	9.576 249	18	9.609 522	22	0.390 478	9.966 726	3	857	3 5.4
144	9.576 267	19	9.609 544	22	0.390 456	9.966 723	3	856	4 7.2
145	9.576 286	18	9.609 566	21	0.390 434	9.966 720	3	855	5 9.0
146	9.576 304	19	9.609 587	22	0.390 413	9.966 717	3	854	6 10.8
147	9.576 323	19	9.609 609	22	0.390 391	9.966 714	3	853	7 12.6
148	9.576 342	18	9.609 631	22	0.390 369	9.966 711	3	852	8 14.4
149	9.576 360	19	9.609 653	21	0.390 347	9.966 708	3	851	9 16.2
.150	9.576 379	19	9.609 674	22	0.390 326	9.966 705	3	.850	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.150 — 22°.200

22°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.576 379		9.609 674		0.390 326	9.966 705		.850	
151	9.576 398	19	9.609 696	22	0.390 304	9.966 702	3	849	
152	9.576 416	18	9.609 718	22	0.390 282	9.966 699	3	848	
153	9.576 435	19	9.609 739	21	0.390 261	9.966 696	3	847	
		18		22			4	846	22
154	9.576 453	19	9.609 761	22	0.390 239	9.966 692	3	845	1 2.2
155	9.576 472	19	9.609 783	21	0.390 217	9.966 689	3	844	2 4.4
156	9.576 491	18	9.609 804	22	0.390 196	9.966 686	3	843	3 6.6
		19		22			3	842	4 8.8
157	9.576 509	19	9.609 826	22	0.390 174	9.966 683	3	841	5 11.0
158	9.576 528	19	9.609 848	22	0.390 152	9.966 680	3		6 13.2
159	9.576 547	18	9.609 870	21	0.390 130	9.966 677	3		7 15.4
.160	9.576 565	19	9.609 891	22	0.390 109	9.966 674	3	.840	8 17.6
		18		22			3	839	9 19.8
161	9.576 584	18	9.609 913	22	0.390 087	9.966 671	3	838	
162	9.576 602	19	9.609 935	21	0.390 065	9.966 668	3	837	
163	9.576 621	19	9.609 956	22	0.390 044	9.966 665	3	836	21
		18		22			4	835	
164	9.576 640	18	9.609 978	22	0.390 022	9.966 662	3	834	1 2.1
165	9.576 658	19	9.610 000	21	0.390 000	9.966 658	3	833	2 4.2
166	9.576 677	18	9.610 021	22	0.389 979	9.966 655	3	832	3 6.3
		19		22			3	831	4 8.4
167	9.576 695	19	9.610 043	21	0.389 957	9.966 652	3		5 10.5
168	9.576 714	19	9.610 065	22	0.389 935	9.966 649	3		6 12.6
169	9.576 733	18	9.610 086	22	0.389 914	9.966 646	3	.830	7 14.7
		19		22			3	829	8 16.8
.170	9.576 751	19	9.610 108	22	0.389 892	9.966 643	3	827	9 18.9
		18		22			3	826	
171	9.576 770	18	9.610 130	22	0.389 870	9.966 640	3	825	
172	9.576 788	19	9.610 152	21	0.389 848	9.966 637	3	824	19
173	9.576 807	19	9.610 173	22	0.389 827	9.966 634	3	823	1 1.9
		18		22			3	822	2 3.8
174	9.576 826	18	9.610 195	22	0.389 805	9.966 631	3	821	3 5.7
175	9.576 844	19	9.610 217	21	0.389 783	9.966 628	3		4 7.6
176	9.576 863	18	9.610 238	22	0.389 762	9.966 624	4		5 9.5
		19		22			3		6 11.4
177	9.576 881	19	9.610 260	22	0.389 740	9.966 621	3		7 13.3
178	9.576 900	19	9.610 282	21	0.389 718	9.966 618	3		8 15.2
179	9.576 919	18	9.610 303	22	0.389 697	9.966 615	3		9 17.1
.180	9.576 937	19	9.610 325	22	0.389 675	9.966 612	3	.820	
		18		22			3	819	
181	9.576 956	18	9.610 347	21	0.389 653	9.966 609	3	818	
182	9.576 974	19	9.610 368	22	0.389 632	9.966 606	3	817	
183	9.576 993	19	9.610 390	22	0.389 610	9.966 603	3	816	
		18		22			3	815	
184	9.577 012	18	9.610 412	21	0.389 588	9.966 600	3	814	
185	9.577 030	19	9.610 433	22	0.389 567	9.966 597	3		
186	9.577 049	18	9.610 455	22	0.389 545	9.966 594	3		
		19		22			4	813	
187	9.577 067	19	9.610 477	21	0.389 523	9.966 590	3	812	
188	9.577 086	18	9.610 498	22	0.389 502	9.966 587	3	811	
189	9.577 104	19	9.610 520	22	0.389 480	9.966 584	3		18
.190	9.577 123	19	9.610 542	22	0.389 458	9.966 581	3	.810	
		18		22			3	809	1 1.8
191	9.577 142	18	9.610 564	21	0.389 436	9.966 578	3	808	2 3.6
192	9.577 160	19	9.610 585	22	0.389 415	9.966 575	3	807	3 5.4
193	9.577 179	18	9.610 607	22	0.389 393	9.966 572	3		4 7.2
		19		22			3	806	5 9.0
194	9.577 197	18	9.610 629	22	0.389 371	9.966 569	3	805	6 10.8
195	9.577 216	19	9.610 650	21	0.389 350	9.966 566	3	804	7 12.6
196	9.577 235	18	9.610 672	22	0.389 328	9.966 563	3		8 14.4
		19		22			3	803	9 16.2
197	9.577 253	18	9.610 694	22	0.389 306	9.966 560	3	802	
198	9.577 272	19	9.610 715	21	0.389 285	9.966 556	4	801	
199	9.577 290	18	9.610 737	22	0.389 263	9.966 553	3		
.200	9.577 309	19	9.610 759	22	0.389 241	9.966 550	3	.800	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.200 — 22°.250

22°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.577 309	18	9.610 759	21	0.389 241	9.966 550	3	.800	
201	9.577 327	19	9.610 780	22	0.389 220	9.966 547	3	799	
202	9.577 346	19	9.610 802	22	0.389 198	9.966 544	3	798	
203	9.577 365	18	9.610 824	21	0.389 176	9.966 541	3	797	
204	9.577 383	19	9.610 845	22	0.389 155	9.966 538	3	796	22
205	9.577 402	18	9.610 867	22	0.389 133	9.966 535	3	795	1 2.2
206	9.577 420	19	9.610 889	21	0.389 111	9.966 532	3	794	2 4.4
207	9.577 439	18	9.610 910	22	0.389 090	9.966 529	3	793	3 6.6
208	9.577 457	19	9.610 932	22	0.389 068	9.966 526	3	792	4 8.8
209	9.577 476	19	9.610 954	22	0.389 046	9.966 522	4	791	5 11.0
.210	9.577 495	18	9.610 975	21	0.389 025	9.966 519	3	.790	6 13.2
211	9.577 513	19	9.611 019	22	0.388 981	9.966 516	3	789	7 15.4
212	9.577 532	18	9.611 040	21	0.388 960	9.966 513	3	788	8 17.6
213	9.577 550	19	9.611 062	22	0.388 938	9.966 510	3	787	9 19.8
214	9.577 569	18	9.611 083	21	0.388 917	9.966 507	3	786	
215	9.577 587	19	9.611 105	22	0.388 895	9.966 504	3	785	21
216	9.577 606	18	9.611 127	22	0.388 873	9.966 501	3	784	
217	9.577 624	19	9.611 148	21	0.388 852	9.966 498	3	783	1 2.1
218	9.577 643	19	9.611 170	22	0.388 830	9.966 495	3	782	2 4.2
219	9.577 662	18	9.611 192	22	0.388 808	9.966 488	4	781	3 6.3
.220	9.577 680	19	9.611 213	21	0.388 787	9.966 485	3	.780	4 8.4
221	9.577 699	18	9.611 235	22	0.388 765	9.966 482	3	779	5 10.5
222	9.577 717	19	9.611 257	22	0.388 743	9.966 479	3	778	6 12.6
223	9.577 736	18	9.611 278	21	0.388 722	9.966 476	3	777	7 14.7
224	9.577 754	19	9.611 300	22	0.388 700	9.966 473	3	776	8 16.8
225	9.577 773	18	9.611 322	22	0.388 678	9.966 470	3	775	9 18.9
226	9.577 791	19	9.611 343	21	0.388 657	9.966 467	3	774	
227	9.577 810	19	9.611 365	22	0.388 635	9.966 464	3	773	19
228	9.577 829	18	9.611 387	22	0.388 613	9.966 461	3	772	
229	9.577 847	19	9.611 408	21	0.388 592	9.966 457	4	771	1 1.9
.230	9.577 866	18	9.611 430	22	0.388 570	9.966 454	3	.770	2 3.8
231	9.577 884	19	9.611 452	22	0.388 548	9.966 451	3	769	3 5.7
232	9.577 903	18	9.611 473	21	0.388 527	9.966 448	3	768	4 7.6
233	9.577 921	19	9.611 495	22	0.388 505	9.966 445	3	767	5 9.5
234	9.577 940	18	9.611 516	21	0.388 484	9.966 442	3	766	6 11.4
235	9.577 958	19	9.611 538	22	0.388 462	9.966 439	3	765	7 13.3
236	9.577 977	18	9.611 560	22	0.388 440	9.966 436	3	764	8 15.2
237	9.577 995	19	9.611 581	21	0.388 419	9.966 433	3	763	9 17.1
238	9.578 014	19	9.611 603	22	0.388 397	9.966 430	3	762	
239	9.578 033	18	9.611 625	22	0.388 375	9.966 426	4	761	18
.240	9.578 051	19	9.611 646	21	0.388 354	9.966 423	3	.760	
241	9.578 070	18	9.611 668	22	0.388 332	9.966 420	3	759	1 1.8
242	9.578 088	19	9.611 690	22	0.388 310	9.966 417	3	758	2 3.6
243	9.578 107	18	9.611 711	21	0.388 289	9.966 414	3	757	3 5.4
244	9.578 125	19	9.611 733	22	0.388 267	9.966 411	3	756	4 7.2
245	9.578 144	18	9.611 754	21	0.388 246	9.966 408	3	755	5 9.0
246	9.578 162	19	9.611 776	22	0.388 224	9.966 405	3	754	6 10.8
247	9.578 181	18	9.611 798	22	0.388 202	9.966 402	3	753	7 12.6
248	9.578 199	19	9.611 819	21	0.388 181	9.966 399	3	752	8 14.4
249	9.578 218	18	9.611 841	22	0.388 159	9.966 395	4	751	9 16.2
.250	9.578 236	18						.750	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.800 — 67°.750

22°.250 — 22°.300

22°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.578 236		9.611 841		0.388 159	9.966 395		.750	
251	9.578 255	19	9.611 863	22	0.388 137	9.966 392	3	749	
252	9.578 273	18	9.611 884	21	0.388 116	9.966 389	3	748	
253	9.578 292	19	9.611 906	22	0.388 094	9.966 386	3	747	
		18		21			3		22
254	9.578 310	19	9.611 927	22	0.388 073	9.966 383	3	746	1 2.2
255	9.578 329	19	9.611 949	22	0.388 051	9.966 380	3	745	2 4.4
256	9.578 348	18	9.611 971	21	0.388 029	9.966 377	3	744	3 6.6
		18		22			3		4 8.8
257	9.578 366	19	9.611 992	22	0.388 008	9.966 374	3	743	5 11.0
258	9.578 385	18	9.612 014	22	0.387 986	9.966 371	3	742	6 13.2
259	9.578 403		9.612 036		0.387 964	9.966 368	4	741	7 15.4
.260	9.578 422	19	9.612 057	21	0.387 943	9.966 364	3	.740	8 17.6
		18		22			3		9 19.8
261	9.578 440	19	9.612 079	21	0.387 921	9.966 361	3	739	
262	9.578 459	18	9.612 100	22	0.387 900	9.966 358	3	738	
263	9.578 477	19	9.612 122	22	0.387 878	9.966 355	3	737	
		18		22			3		21
264	9.578 496	18	9.612 144	21	0.387 856	9.966 352	3	736	1 2.1
265	9.578 514	19	9.612 165	22	0.387 835	9.966 349	3	735	2 4.2
266	9.578 533	18	9.612 187	22	0.387 813	9.966 346	3	734	3 6.3
		18		22			3		4 8.4
267	9.578 551	19	9.612 209	21	0.387 791	9.966 343	3	733	5 10.5
268	9.578 570	18	9.612 230	22	0.387 770	9.966 340	3	732	6 12.6
269	9.578 588		9.612 252		0.387 748	9.966 336	4	731	7 14.7
		19		21			3		8 16.8
.270	9.578 607	18	9.612 273	22	0.387 727	9.966 333	3	.730	9 18.9
		18		22			3		
271	9.578 625	19	9.612 295	22	0.387 705	9.966 330	3	729	
272	9.578 644	18	9.612 317	21	0.387 683	9.966 327	3	728	
273	9.578 662	19	9.612 338	22	0.387 662	9.966 324	3	727	
		18		22			3		
274	9.578 681	18	9.612 360	21	0.387 640	9.966 321	3	726	
275	9.578 699	19	9.612 381	22	0.387 619	9.966 318	3	725	
276	9.578 718	18	9.612 403	22	0.387 597	9.966 315	3	724	
		18		22			3		
277	9.578 736	19	9.612 425	21	0.387 575	9.966 312	3	723	19
278	9.578 755	18	9.612 446	22	0.387 554	9.966 309	3	722	
279	9.578 773		9.612 468		0.387 532	9.966 305	4	721	
		19		21			3		
.280	9.578 792	18	9.612 489	22	0.387 511	9.966 302	3	.720	
		18		22			3		
281	9.578 810	19	9.612 511	22	0.387 489	9.966 299	3	719	
282	9.578 829	18	9.612 533	21	0.387 467	9.966 296	3	718	
283	9.578 847	19	9.612 554	22	0.387 446	9.966 293	3	717	
		18		22			3		
284	9.578 866	18	9.612 576	21	0.387 424	9.966 290	3	716	
285	9.578 884	19	9.612 597	22	0.387 403	9.966 287	3	715	
286	9.578 903	18	9.612 619	22	0.387 381	9.966 284	3	714	
		18		22			3		
287	9.578 921	19	9.612 641	21	0.387 359	9.966 281	4	713	
288	9.578 940	18	9.612 662	22	0.387 338	9.966 277	3	712	
289	9.578 958		9.612 684		0.387 316	9.966 274	3	711	
		19		21			3		18
.290	9.578 977	18	9.612 705	22	0.387 295	9.966 271	3	.710	
		18		22			3		
291	9.578 995	19	9.612 727	22	0.387 273	9.966 268	3	709	
292	9.579 014	18	9.612 749	21	0.387 251	9.966 265	3	708	
293	9.579 032	19	9.612 770	22	0.387 230	9.966 262	3	707	
		18		22			3		
294	9.579 051	18	9.612 792	21	0.387 208	9.966 259	3	706	
295	9.579 069	19	9.612 813	22	0.387 187	9.966 256	3	705	
296	9.579 088	18	9.612 835	22	0.387 165	9.966 253	3	704	
		18		22			3		
297	9.579 106	19	9.612 857	21	0.387 143	9.966 250	4	703	
298	9.579 125	18	9.612 878	22	0.387 122	9.966 246	3	702	
299	9.579 143		9.612 900		0.387 100	9.966 243	3	701	
		19		21			3		
.300	9.579 162	18	9.612 921	22	0.387 079	9.966 240	3	.700	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.750 — 67°.700

22°.300 — 22°.350

22°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.579 162	18	9.612 921	22	0.387 079	9.966 240	3	.700	
301	9.579 180	19	9.612 943	22	0.387 057	9.966 237	3	699	
302	9.579 199	18	9.612 965	21	0.387 035	9.966 234	3	698	
303	9.579 217	19	9.612 986	22	0.387 014	9.966 231	3	697	
304	9.579 236	18	9.613 008	21	0.386 992	9.966 228	3	696	
305	9.579 254	18	9.613 029	22	0.386 971	9.966 225	3	695	
306	9.579 272	19	9.613 051	22	0.386 949	9.966 222	4	694	
307	9.579 291	18	9.613 073	21	0.386 927	9.966 218	3	693	
308	9.579 309	19	9.613 094	22	0.386 906	9.966 215	3	692	
309	9.579 328	18	9.613 116	21	0.386 884	9.966 212	3	691	
.310	9.579 346	19	9.613 137	22	0.386 863	9.966 209	3	.690	
311	9.579 365	18	9.613 159	21	0.386 841	9.966 206	3	689	
312	9.579 383	19	9.613 180	22	0.386 820	9.966 203	3	688	
313	9.579 402	18	9.613 202	22	0.386 798	9.966 200	3	687	
314	9.579 420	19	9.613 224	21	0.386 776	9.966 197	3	686	
315	9.579 439	18	9.613 245	22	0.386 755	9.966 194	3	685	
316	9.579 457	19	9.613 267	21	0.386 733	9.966 190	4	684	
317	9.579 476	18	9.613 288	22	0.386 712	9.966 187	3	683	
318	9.579 494	19	9.613 310	21	0.386 690	9.966 184	3	682	
319	9.579 513	18	9.613 331	22	0.386 669	9.966 181	3	681	
.320	9.579 531	19	9.613 353	22	0.386 647	9.966 178	3	.680	
321	9.579 550	18	9.613 375	21	0.386 625	9.966 175	3	679	
322	9.579 568	18	9.613 396	22	0.386 604	9.966 172	3	678	
323	9.579 586	19	9.613 418	21	0.386 582	9.966 169	3	677	
324	9.579 605	18	9.613 439	22	0.386 561	9.966 166	4	676	
325	9.579 623	19	9.613 461	22	0.386 539	9.966 162	3	675	
326	9.579 642	18	9.613 483	21	0.386 517	9.966 159	3	674	
327	9.579 660	19	9.613 504	22	0.386 496	9.966 156	3	673	
328	9.579 679	18	9.613 526	21	0.386 474	9.966 153	3	672	
329	9.579 697	19	9.613 547	22	0.386 453	9.966 150	3	671	
.330	9.579 716	18	9.613 569	21	0.386 431	9.966 147	3	.670	
331	9.579 734	19	9.613 590	22	0.386 410	9.966 144	3	669	
332	9.579 753	18	9.613 612	21	0.386 388	9.966 141	3	668	
333	9.579 771	18	9.613 633	22	0.386 367	9.966 138	4	667	
334	9.579 789	19	9.613 655	22	0.386 345	9.966 134	3	666	
335	9.579 808	18	9.613 677	21	0.386 323	9.966 131	3	665	
336	9.579 826	19	9.613 698	22	0.386 302	9.966 128	3	664	
337	9.579 845	18	9.613 720	21	0.386 280	9.966 125	3	663	
338	9.579 863	19	9.613 741	22	0.386 259	9.966 122	3	662	
339	9.579 882	18	9.613 763	21	0.386 237	9.966 119	3	661	
.340	9.579 900	19	9.613 784	22	0.386 216	9.966 116	3	.660	
341	9.579 919	18	9.613 806	22	0.386 194	9.966 113	4	659	
342	9.579 937	18	9.613 828	21	0.386 172	9.966 109	3	658	
343	9.579 955	19	9.613 849	22	0.386 151	9.966 106	3	657	
344	9.579 974	18	9.613 871	21	0.386 129	9.966 103	3	656	
345	9.579 992	19	9.613 892	22	0.386 108	9.966 100	3	655	
346	9.580 011	18	9.613 914	21	0.386 086	9.966 097	3	654	
347	9.580 029	19	9.613 935	22	0.386 065	9.966 094	3	653	
348	9.580 048	18	9.613 957	21	0.386 043	9.966 091	3	652	
349	9.580 066	19	9.613 978	22	0.386 022	9.966 088	3	651	
.350	9.580 085	18	9.614 000	21	0.386 000	9.966 085	3	.650	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.700 — 67°.650

22°.350 — 22°.400

22°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.580 085	18	9.614 000	22	0.386 000	9.966 085	4	.650	
351	9.580 103	18	9.614 022	22	0.385 978	9.966 081	4	649	
352	9.580 121	19	9.614 043	21	0.385 957	9.966 078	3	648	
353	9.580 140	19	9.614 065	22	0.385 935	9.966 075	3	647	
		18		21			3		22
354	9.580 158	19	9.614 086	22	0.385 914	9.966 072	3	646	1 2.2
355	9.580 177	18	9.614 108	21	0.385 892	9.966 069	3	645	2 4.4
356	9.580 195	18	9.614 129	21	0.385 871	9.966 066	3	644	3 6.6
		19		22			3		4 8.8
357	9.580 214	18	9.614 151	21	0.385 849	9.966 063	3	643	5 11.0
358	9.580 232	18	9.614 172	22	0.385 828	9.966 060	3	642	6 13.2
359	9.580 250	19	9.614 194	21	0.385 806	9.966 057	3	641	7 15.4
.360	9.580 269	18	9.614 215	22	0.385 785	9.966 053	4	.640	8 17.6
		19		21			3		9 19.8
361	9.580 287	18	9.614 237	22	0.385 763	9.966 050	3	639	
362	9.580 306	19	9.614 259	22	0.385 741	9.966 047	3	638	
363	9.580 324	18	9.614 280	21	0.385 720	9.966 044	3	637	
		19		22			3		21
364	9.580 343	18	9.614 302	21	0.385 698	9.966 041	3	636	1 2.1
365	9.580 361	18	9.614 323	22	0.385 677	9.966 038	3	635	2 4.2
366	9.580 379	18	9.614 345	22	0.385 655	9.966 035	3	634	3 6.3
		19		21			3		4 8.4
367	9.580 398	18	9.614 366	22	0.385 634	9.966 032	4	633	5 10.5
368	9.580 416	19	9.614 388	21	0.385 612	9.966 028	3	632	6 12.6
369	9.580 435	18	9.614 409	21	0.385 591	9.966 025	3	631	7 14.7
.370	9.580 453	18	9.614 431	22	0.385 569	9.966 022	3	.630	8 16.8
		19		21			3		9 18.9
371	9.580 471	19	9.614 452	22	0.385 548	9.966 019	3	629	
372	9.580 490	18	9.614 474	21	0.385 526	9.966 016	3	628	
373	9.580 508	19	9.614 495	22	0.385 505	9.966 013	3	627	
		18		21			3		19
374	9.580 527	19	9.614 517	22	0.385 483	9.966 010	3	626	1 1.9
375	9.580 545	18	9.614 539	22	0.385 461	9.966 007	3	625	2 3.8
376	9.580 564	19	9.614 560	21	0.385 440	9.966 003	4	624	3 5.7
		18		22			3		4 7.6
377	9.580 582	18	9.614 582	22	0.385 418	9.966 000	3	623	5 9.5
378	9.580 600	18	9.614 603	21	0.385 397	9.965 997	3	622	6 11.4
379	9.580 619	19	9.614 625	22	0.385 375	9.965 994	3	621	7 13.3
.380	9.580 637	18	9.614 646	21	0.385 354	9.965 991	3	.620	8 15.2
		19		22			3		9 17.1
381	9.580 656	18	9.614 668	21	0.385 332	9.965 988	3	619	
382	9.580 674	18	9.614 689	22	0.385 311	9.965 985	3	618	
383	9.580 692	19	9.614 711	21	0.385 289	9.965 982	3	617	
		18		22			3		
384	9.580 711	18	9.614 732	21	0.385 268	9.965 979	4	616	
385	9.580 729	19	9.614 754	22	0.385 246	9.965 975	3	615	
386	9.580 748	18	9.614 775	22	0.385 225	9.965 972	3	614	
		19		21			3		
387	9.580 766	18	9.614 797	22	0.385 203	9.965 969	3	613	
388	9.580 784	19	9.614 818	22	0.385 182	9.965 966	3	612	
389	9.580 803	18	9.614 840	21	0.385 160	9.965 963	3	611	
.390	9.580 821	18	9.614 861	22	0.385 139	9.965 960	3	.610	18
		19		21			3		1 1.8
391	9.580 840	18	9.614 883	22	0.385 117	9.965 957	3	609	2 3.6
392	9.580 858	18	9.614 905	21	0.385 095	9.965 954	3	608	3 5.4
393	9.580 876	19	9.614 926	22	0.385 074	9.965 950	4	607	4 7.2
		18		21			3		5 9.0
394	9.580 895	19	9.614 948	22	0.385 052	9.965 947	3	606	6 10.8
395	9.580 913	18	9.614 969	21	0.385 031	9.965 944	3	605	7 12.6
396	9.580 932	19	9.614 991	22	0.385 009	9.965 941	3	604	8 14.4
		18		21			3		9 16.2
397	9.580 950	18	9.615 012	22	0.384 988	9.965 938	3	603	
398	9.580 968	19	9.615 034	21	0.384 966	9.965 935	3	602	
399	9.580 987	18	9.615 055	22	0.384 945	9.965 932	3	601	
.400	9.581 005	18	9.615 077	21	0.384 923	9.965 929	3	.600	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.400 — 22°.450

22°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.581 005		9.615 077		0.384 923	9.965 929		.600	
401	9.581 024	19	9.615 098	21	0.384 902	9.965 925	4	599	
402	9.581 042	18	9.615 120	22	0.384 880	9.965 922	3	598	
403	9.581 060	18	9.615 141	21	0.384 859	9.965 919	3	597	
		19		22			3		22
404	9.581 079	18	9.615 163	21	0.384 837	9.965 916	3	596	1 2.2
405	9.581 097	19	9.615 184	22	0.384 816	9.965 913	3	595	2 4.4
406	9.581 116	18	9.615 206	21	0.384 794	9.965 910	3	594	3 6.6
		18		22			3		4 8.8
407	9.581 134	18	9.615 227	22	0.384 773	9.965 907	3	593	5 11.0
408	9.581 152	19	9.615 249	21	0.384 751	9.965 904	4	592	6 13.2
409	9.581 171	18	9.615 270	22	0.384 730	9.965 900	3	591	7 15.4
		18		21			3		8 17.6
.410	9.581 189	18	9.615 292	21	0.384 708	9.965 897	3	.590	9 19.8
		18		22			3		
411	9.581 207	19	9.615 313	22	0.384 687	9.965 894	3	589	
412	9.581 226	18	9.615 335	21	0.384 665	9.965 891	3	588	
413	9.581 244	19	9.615 356	22	0.384 644	9.965 888	3	587	
		18		21			3		21
414	9.581 263	18	9.615 378	21	0.384 622	9.965 885	3	586	1 2.1
415	9.581 281	18	9.615 399	22	0.384 601	9.965 882	3	585	2 4.2
416	9.581 299	19	9.615 421	21	0.384 579	9.965 879	3	584	3 6.3
		18		22			4		4 8.4
417	9.581 318	18	9.615 442	21	0.384 558	9.965 875	3	583	5 10.5
418	9.581 336	18	9.615 464	22	0.384 536	9.965 872	3	582	6 12.6
419	9.581 354	19	9.615 485	21	0.384 515	9.965 869	3	581	7 14.7
		18		22			3		8 16.8
.420	9.581 373	18	9.615 507	21	0.384 493	9.965 866	3	.580	9 18.9
		18		22			3		
421	9.581 391	19	9.615 528	22	0.384 472	9.965 863	3	579	
422	9.581 410	18	9.615 550	21	0.384 450	9.965 860	3	578	
423	9.581 428	18	9.615 571	22	0.384 429	9.965 857	3	577	
		18		21			3		
424	9.581 446	19	9.615 593	21	0.384 407	9.965 854	4	576	
425	9.581 465	18	9.615 614	22	0.384 386	9.965 850	3	575	
426	9.581 483	18	9.615 636	21	0.384 364	9.965 847	3	574	
		18		22			3		
427	9.581 501	19	9.615 657	22	0.384 343	9.965 844	3	573	19
428	9.581 520	18	9.615 679	21	0.384 321	9.965 841	3	572	1 1.9
429	9.581 538	18	9.615 700	22	0.384 300	9.965 838	3	571	2 3.8
		18		21			3		3 5.7
.430	9.581 556	19	9.615 722	21	0.384 278	9.965 835	3	.570	4 7.6
		18		22			4		5 9.5
431	9.581 575	18	9.615 743	22	0.384 257	9.965 832	3	569	6 11.4
432	9.581 593	19	9.615 765	21	0.384 235	9.965 828	3	568	7 13.3
433	9.581 612	18	9.615 786	22	0.384 214	9.965 825	3	567	8 15.2
		18		21			3		9 17.1
434	9.581 630	18	9.615 808	21	0.384 192	9.965 822	3	566	
435	9.581 648	19	9.615 829	22	0.384 171	9.965 819	3	565	
436	9.581 667	18	9.615 851	21	0.384 149	9.965 816	3	564	
		18		22			3		
437	9.581 685	18	9.615 872	22	0.384 128	9.965 813	3	563	
438	9.581 703	19	9.615 894	21	0.384 106	9.965 810	3	562	
439	9.581 722	18	9.615 915	22	0.384 085	9.965 807	3	561	
		18		21			4		18
.440	9.581 740	18	9.615 937	21	0.384 063	9.965 803	3	.560	1 1.8
		18		22			3		2 3.6
441	9.581 758	19	9.615 958	22	0.384 042	9.965 800	3	559	3 5.4
442	9.581 777	18	9.615 980	21	0.384 020	9.965 797	3	558	4 7.2
443	9.581 795	18	9.616 001	22	0.383 999	9.965 794	3	557	5 9.0
		18		21			3		6 10.8
444	9.581 813	19	9.616 023	21	0.383 977	9.965 791	3	556	7 12.6
445	9.581 832	18	9.616 044	22	0.383 956	9.965 788	3	555	8 14.4
446	9.581 850	18	9.616 066	21	0.383 934	9.965 785	3	554	9 16.2
		19		22			3		
447	9.581 869	18	9.616 087	21	0.383 913	9.965 782	4	553	
448	9.581 887	18	9.616 108	22	0.383 892	9.965 778	3	552	
449	9.581 905	19	9.616 130	21	0.383 870	9.965 775	3	551	
		18		22			3		
.450	9.581 924	19	9.616 151	21	0.383 849	9.965 772	3	.550	
		18		22			3		
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.600 — 67°.550

22°.450 — 22°.500

22°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.581 924	18	9.616 151	22	0.383 849	9.965 772	3	.550	
451	9.581 942	18	9.616 173	22	0.383 827	9.965 769	3	549	
452	9.581 960	19	9.616 194	21	0.383 806	9.965 766	3	548	
453	9.581 979	19	9.616 216	22	0.383 784	9.965 763	3	547	
		18		21			3		22
454	9.581 997	18	9.616 237	22	0.383 763	9.965 760	4	546	1 2.2
455	9.582 015	19	9.616 259	21	0.383 741	9.965 756	3	545	2 4.4
456	9.582 034	18	9.616 280	22	0.383 720	9.965 753	3	544	3 6.6
		18		21			3		4 8.8
457	9.582 052	18	9.616 302	22	0.383 698	9.965 750	3	543	5 11.0
458	9.582 070	19	9.616 323	21	0.383 677	9.965 747	3	542	6 13.2
459	9.582 089	18	9.616 345	22	0.383 655	9.965 744	3	541	7 15.4
		18		21			3		8 17.6
.460	9.582 107	18	9.616 366	22	0.383 634	9.965 741	3	.540	9 19.8
461	9.582 125	19	9.616 388	21	0.383 612	9.965 738	3	539	
462	9.582 144	18	9.616 409	22	0.383 591	9.965 735	3	538	
463	9.582 162	18	9.616 431	21	0.383 569	9.965 731	4	537	
		18		21			3		21
464	9.582 180	19	9.616 452	22	0.383 548	9.965 728	3	536	1 2.1
465	9.582 199	18	9.616 473	21	0.383 527	9.965 725	3	535	2 4.2
466	9.582 217	18	9.616 495	22	0.383 505	9.965 722	3	534	3 6.3
		18		21			3		4 8.4
467	9.582 235	19	9.616 516	22	0.383 484	9.965 719	3	533	5 10.5
468	9.582 254	18	9.616 538	21	0.383 462	9.965 716	3	532	6 12.6
469	9.582 272	18	9.616 559	22	0.383 441	9.965 713	3	531	7 14.7
		18		21			4		8 16.8
.470	9.582 290	19	9.616 581	22	0.383 419	9.965 709	3	.530	9 18.9
471	9.582 309	18	9.616 602	21	0.383 398	9.965 706	3	529	
472	9.582 327	18	9.616 624	22	0.383 376	9.965 703	3	528	
473	9.582 345	19	9.616 645	21	0.383 355	9.965 700	3	527	
		19		22			3		
474	9.582 364	18	9.616 667	21	0.383 333	9.965 697	3	526	
475	9.582 382	18	9.616 688	22	0.383 312	9.965 694	3	525	
476	9.582 400	18	9.616 710	22	0.383 290	9.965 691	3	524	
		19		21			3		
477	9.582 419	18	9.616 731	21	0.383 269	9.965 688	4	523	19
478	9.582 437	18	9.616 752	22	0.383 248	9.965 684	3	522	
479	9.582 455	18	9.616 774	22	0.383 226	9.965 681	3	521	
		18		21			3		
.480	9.582 473	19	9.616 795	22	0.383 205	9.965 678	3	.520	
481	9.582 492	18	9.616 817	21	0.383 183	9.965 675	3	519	
482	9.582 510	18	9.616 838	22	0.383 162	9.965 672	3	518	
483	9.582 528	19	9.616 860	21	0.383 140	9.965 669	3	517	
		19		21			3		
484	9.582 547	18	9.616 881	22	0.383 119	9.965 666	4	516	
485	9.582 565	18	9.616 903	21	0.383 097	9.965 662	3	515	
486	9.582 583	19	9.616 924	22	0.383 076	9.965 659	3	514	
		18		22			3		
487	9.582 602	18	9.616 946	21	0.383 054	9.965 656	3	513	
488	9.582 620	18	9.616 967	21	0.383 033	9.965 653	3	512	
489	9.582 638	19	9.616 988	22	0.383 012	9.965 650	3	511	
		19		22			3		18
.490	9.582 657	18	9.617 010	21	0.382 990	9.965 647	3	.510	
491	9.582 675	18	9.617 031	22	0.382 969	9.965 644	3	509	1 1.8
492	9.582 693	19	9.617 053	21	0.382 947	9.965 640	4	508	2 3.6
493	9.582 712	18	9.617 074	22	0.382 926	9.965 637	3	507	3 5.4
		18		22			3		4 7.2
494	9.582 730	18	9.617 096	21	0.382 904	9.965 634	3	506	5 9.0
495	9.582 748	18	9.617 117	22	0.382 883	9.965 631	3	505	6 10.8
496	9.582 766	18	9.617 139	22	0.382 861	9.965 628	3	504	7 12.6
		19		21			3		8 14.4
497	9.582 785	18	9.617 160	21	0.382 840	9.965 625	3	503	9 16.2
498	9.582 803	18	9.617 181	22	0.382 819	9.965 622	3	502	
499	9.582 821	19	9.617 203	22	0.382 797	9.965 618	4	501	
		19		21			3		
.500	9.582 840	18	9.617 224	22	0.382 776	9.965 615	3	.500	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.500 — 22°.550

22°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.582 840	18	9.617 224	22	0.382 776	9.965 615	3	.500	
501	9.582 858	18	9.617 246	22	0.382 754	9.965 612	3	499	
502	9.582 876	19	9.617 267	21	0.382 733	9.965 609	3	498	
503	9.582 895	18	9.617 289	21	0.382 711	9.965 606	3	497	
504	9.582 913	18	9.617 310	21	0.382 690	9.965 603	3	496	22
505	9.582 931	18	9.617 332	22	0.382 668	9.965 600	3	495	1 2.2
506	9.582 949	18	9.617 353	21	0.382 647	9.965 597	3	494	2 4.4
507	9.582 968	19	9.617 374	21	0.382 626	9.965 593	4	493	3 6.6
508	9.582 986	18	9.617 396	22	0.382 604	9.965 590	3	492	4 8.8
509	9.583 004	18	9.617 417	21	0.382 583	9.965 587	3	491	5 11.0
.510	9.583 023	19	9.617 439	22	0.382 561	9.965 584	3	.490	6 13.2
511	9.583 041	18	9.617 460	21	0.382 540	9.965 581	3	489	7 15.4
512	9.583 059	18	9.617 482	22	0.382 518	9.965 578	3	488	8 17.6
513	9.583 077	18	9.617 503	21	0.382 497	9.965 575	3	487	9 19.8
514	9.583 096	19	9.617 524	21	0.382 476	9.965 571	4	486	
515	9.583 114	18	9.617 546	22	0.382 454	9.965 568	3	485	21
516	9.583 132	18	9.617 567	21	0.382 433	9.965 565	3	484	
517	9.583 151	19	9.617 589	22	0.382 411	9.965 562	3	483	1 2.1
518	9.583 169	18	9.617 610	21	0.382 390	9.965 559	3	482	2 4.2
519	9.583 187	18	9.617 632	22	0.382 368	9.965 556	3	481	3 6.3
.520	9.583 205	18	9.617 653	21	0.382 347	9.965 553	3	.480	4 8.4
521	9.583 224	19	9.617 674	21	0.382 326	9.965 549	4	479	5 10.5
522	9.583 242	18	9.617 696	22	0.382 304	9.965 546	3	478	6 12.6
523	9.583 260	18	9.617 717	21	0.382 283	9.965 543	3	477	7 14.7
524	9.583 279	19	9.617 739	22	0.382 261	9.965 540	3	476	8 16.8
525	9.583 297	18	9.617 760	21	0.382 240	9.965 537	3	475	9 18.9
526	9.583 315	18	9.617 781	21	0.382 219	9.965 534	3	474	
527	9.583 333	18	9.617 803	22	0.382 197	9.965 531	3	473	19
528	9.583 352	19	9.617 824	21	0.382 176	9.965 527	4	472	
529	9.583 370	18	9.617 846	22	0.382 154	9.965 524	3	471	1 1.9
.530	9.583 388	18	9.617 867	21	0.382 133	9.965 521	3	.470	2 3.8
531	9.583 407	19	9.617 889	22	0.382 111	9.965 518	3	469	3 5.7
532	9.583 425	18	9.617 910	21	0.382 090	9.965 515	3	468	4 7.6
533	9.583 443	18	9.617 931	21	0.382 069	9.965 512	3	467	5 9.5
534	9.583 461	18	9.617 953	22	0.382 047	9.965 509	3	466	6 11.4
535	9.583 480	19	9.617 974	21	0.382 026	9.965 505	4	465	7 13.3
536	9.583 498	18	9.617 996	22	0.382 004	9.965 502	3	464	8 15.2
537	9.583 516	18	9.618 017	21	0.381 983	9.965 499	3	463	9 17.1
538	9.583 534	18	9.618 038	21	0.381 962	9.965 496	3	462	
539	9.583 553	19	9.618 060	22	0.381 940	9.965 493	3	461	18
.540	9.583 571	18	9.618 081	21	0.381 919	9.965 490	3	.460	
541	9.583 589	18	9.618 103	22	0.381 897	9.965 486	4	459	1 1.8
542	9.583 607	18	9.618 124	21	0.381 876	9.965 483	3	458	2 3.6
543	9.583 626	19	9.618 146	22	0.381 854	9.965 480	3	457	3 5.4
544	9.583 644	18	9.618 167	21	0.381 833	9.965 477	3	456	4 7.2
545	9.583 662	18	9.618 188	21	0.381 812	9.965 474	3	455	5 9.0
546	9.583 680	18	9.618 210	22	0.381 790	9.965 471	3	454	6 10.8
547	9.583 699	19	9.618 231	21	0.381 769	9.965 468	3	453	7 12.6
548	9.583 717	18	9.618 253	22	0.381 747	9.965 464	4	452	8 14.4
549	9.583 735	18	9.618 274	21	0.381 726	9.965 461	3	451	9 16.2
.550	9.583 754	19	9.618 295	21	0.381 705	9.965 458	3	.450	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.550 — 22°.600

22°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.583 754	18	9.618 295	22	0.381 705	9.965 458	3	.450	
551	9.583 772	18	9.618 317	21	0.381 683	9.965 455	3	449	
552	9.583 790	18	9.618 338	22	0.381 662	9.965 452	3	448	
553	9.583 808	19	9.618 360	21	0.381 640	9.965 449	3	447	
554	9.583 827	18	9.618 381	21	0.381 619	9.965 446	3	446	22
555	9.583 845	18	9.618 402	22	0.381 598	9.965 442	4	445	1 2.2
556	9.583 863	18	9.618 424	21	0.381 576	9.965 439	3	444	2 4.4
557	9.583 881	19	9.618 445	22	0.381 555	9.965 436	3	443	3 6.6
558	9.583 900	18	9.618 467	21	0.381 533	9.965 433	3	442	4 8.8
559	9.583 918	18	9.618 488	21	0.381 512	9.965 430	3	441	5 11.0
.560	9.583 936	18	9.618 509	22	0.381 491	9.965 427	3	.440	6 13.2
561	9.583 954	18	9.618 531	21	0.381 469	9.965 424	3	439	7 15.4
562	9.583 972	19	9.618 552	21	0.381 448	9.965 420	4	438	8 17.6
563	9.583 991	18	9.618 573	22	0.381 427	9.965 417	3	437	9 19.8
564	9.584 009	18	9.618 595	21	0.381 405	9.965 414	3	436	
565	9.584 027	18	9.618 616	22	0.381 384	9.965 411	3	435	21
566	9.584 045	19	9.618 638	21	0.381 362	9.965 408	3	434	
567	9.584 064	18	9.618 659	22	0.381 341	9.965 405	3	433	1 2.1
568	9.584 082	18	9.618 680	21	0.381 320	9.965 401	4	432	2 4.2
569	9.584 100	18	9.618 702	22	0.381 298	9.965 398	3	431	3 6.3
.570	9.584 118	19	9.618 723	21	0.381 277	9.965 395	3	.430	4 8.4
571	9.584 137	18	9.618 745	22	0.381 255	9.965 392	3	429	5 10.5
572	9.584 155	18	9.618 766	21	0.381 234	9.965 389	3	428	6 12.6
573	9.584 173	18	9.618 787	22	0.381 213	9.965 386	3	427	7 14.7
574	9.584 191	19	9.618 809	21	0.381 191	9.965 383	3	426	8 16.8
575	9.584 210	18	9.618 830	22	0.381 170	9.965 379	4	425	9 18.9
576	9.584 228	18	9.618 852	21	0.381 148	9.965 376	3	424	
577	9.584 246	18	9.618 873	22	0.381 127	9.965 373	3	423	19
578	9.584 264	19	9.618 894	21	0.381 106	9.965 370	3	422	
579	9.584 283	18	9.618 916	22	0.381 084	9.965 367	3	421	1 1.9
.580	9.584 301	18	9.618 937	21	0.381 063	9.965 364	3	.420	2 3.8
581	9.584 319	18	9.618 958	22	0.381 042	9.965 361	3	419	3 5.7
582	9.584 337	18	9.618 980	21	0.381 020	9.965 357	4	418	4 7.6
583	9.584 355	19	9.619 001	22	0.380 999	9.965 354	3	417	5 9.5
584	9.584 374	18	9.619 023	21	0.380 977	9.965 351	3	416	6 11.4
585	9.584 392	18	9.619 044	22	0.380 956	9.965 348	3	415	7 13.3
586	9.584 410	18	9.619 065	21	0.380 935	9.965 345	3	414	8 15.2
587	9.584 428	19	9.619 087	22	0.380 913	9.965 342	3	413	9 17.1
588	9.584 447	18	9.619 108	21	0.380 892	9.965 338	4	412	
589	9.584 465	18	9.619 129	22	0.380 871	9.965 335	3	411	18
.590	9.584 483	18	9.619 151	21	0.380 849	9.965 332	3	.410	
591	9.584 501	18	9.619 172	22	0.380 828	9.965 329	3	409	1 1.8
592	9.584 519	19	9.619 194	21	0.380 806	9.965 326	3	408	2 3.6
593	9.584 538	18	9.619 215	22	0.380 785	9.965 323	3	407	3 5.4
594	9.584 556	18	9.619 236	21	0.380 764	9.965 320	3	406	4 7.2
595	9.584 574	18	9.619 258	22	0.380 742	9.965 316	4	405	5 9.0
596	9.584 592	18	9.619 279	21	0.380 721	9.965 313	3	404	6 10.8
597	9.584 610	19	9.619 300	22	0.380 700	9.965 310	3	403	7 12.6
598	9.584 629	18	9.619 322	21	0.380 678	9.965 307	3	402	8 14.4
599	9.584 647	18	9.619 343	22	0.380 657	9.965 304	3	401	9 16.2
.600	9.584 665	18	9.619 364	21	0.380 636	9.965 301	3	.400	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.600 — 22°.650

22°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.584 665	18	9.619 364	22	0.380 636	9.965 301	4	.400	
601	9.584 683	19	9.619 386	21	0.380 614	9.965 297	3	399	
602	9.584 702	18	9.619 407	22	0.380 593	9.965 294	3	398	
603	9.584 720	18	9.619 429	21	0.380 571	9.965 291	3	397	
604	9.584 738	18	9.619 450	21	0.380 550	9.965 288	3	396	22
605	9.584 756	18	9.619 471	21	0.380 529	9.965 285	3	395	1 2.2
606	9.584 774	18	9.619 493	22	0.380 507	9.965 282	3	394	2 4.4
607	9.584 793	19	9.619 514	21	0.380 486	9.965 279	3	393	3 6.6
608	9.584 811	18	9.619 535	21	0.380 465	9.965 275	4	392	4 8.8
609	9.584 829	18	9.619 557	22	0.380 443	9.965 272	3	391	5 11.0
.610	9.584 847	18	9.619 578	21	0.380 422	9.965 269	3	.390	6 13.2
611	9.584 865	18	9.619 599	21	0.380 401	9.965 266	3	389	7 15.4
612	9.584 884	19	9.619 621	22	0.380 379	9.965 263	3	388	8 17.6
613	9.584 902	18	9.619 642	21	0.380 358	9.965 260	3	387	9 19.8
614	9.584 920	18	9.619 664	22	0.380 336	9.965 256	4	386	
615	9.584 938	18	9.619 685	21	0.380 315	9.965 253	3	385	21
616	9.584 956	18	9.619 706	21	0.380 294	9.965 250	3	384	
617	9.584 975	19	9.619 728	22	0.380 272	9.965 247	3	383	1 2.1
618	9.584 993	18	9.619 749	21	0.380 251	9.965 244	3	382	2 4.2
619	9.585 011	18	9.619 770	21	0.380 230	9.965 241	3	381	3 6.3
.620	9.585 029	18	9.619 792	22	0.380 208	9.965 237	4	.380	4 8.4
621	9.585 047	18	9.619 813	21	0.380 187	9.965 234	3	379	5 10.5
622	9.585 065	18	9.619 834	21	0.380 166	9.965 231	3	378	6 12.6
623	9.585 084	19	9.619 856	22	0.380 144	9.965 228	3	377	7 14.7
624	9.585 102	18	9.619 877	21	0.380 123	9.965 225	3	376	8 16.8
625	9.585 120	18	9.619 898	21	0.380 102	9.965 222	3	375	9 18.9
626	9.585 138	18	9.619 920	22	0.380 080	9.965 219	3	374	
627	9.585 156	18	9.619 941	21	0.380 059	9.965 215	4	373	19
628	9.585 175	19	9.619 962	21	0.380 038	9.965 212	3	372	
629	9.585 193	18	9.619 984	22	0.380 016	9.965 209	3	371	1 1.9
.630	9.585 211	18	9.620 005	21	0.379 995	9.965 206	3	.370	2 3.8
631	9.585 229	18	9.620 026	21	0.379 974	9.965 203	3	369	3 5.7
632	9.585 247	18	9.620 048	22	0.379 952	9.965 200	3	368	4 7.6
633	9.585 266	19	9.620 069	21	0.379 931	9.965 196	4	367	5 9.5
634	9.585 284	18	9.620 090	21	0.379 910	9.965 193	3	366	6 11.4
635	9.585 302	18	9.620 112	22	0.379 888	9.965 190	3	365	7 13.3
636	9.585 320	18	9.620 133	21	0.379 867	9.965 187	3	364	8 15.2
637	9.585 338	18	9.620 154	21	0.379 846	9.965 184	3	363	9 17.1
638	9.585 356	18	9.620 176	22	0.379 824	9.965 181	3	362	
639	9.585 375	19	9.620 197	21	0.379 803	9.965 177	4	361	18
.640	9.585 393	18	9.620 218	21	0.379 782	9.965 174	3	.360	
641	9.585 411	18	9.620 240	22	0.379 760	9.965 171	3	359	1 1.8
642	9.585 429	18	9.620 261	21	0.379 739	9.965 168	3	358	2 3.6
643	9.585 447	18	9.620 282	21	0.379 718	9.965 165	3	357	3 5.4
644	9.585 465	18	9.620 304	22	0.379 696	9.965 162	3	356	4 7.2
645	9.585 484	19	9.620 325	21	0.379 675	9.965 158	4	355	5 9.0
646	9.585 502	18	9.620 346	21	0.379 654	9.965 155	3	354	6 10.8
647	9.585 520	18	9.620 368	22	0.379 632	9.965 152	3	353	7 12.6
648	9.585 538	18	9.620 389	21	0.379 611	9.965 149	3	352	8 14.4
649	9.585 556	18	9.620 410	21	0.379 590	9.965 146	3	351	9 16.2
.650	9.585 574	18	9.620 432	22	0.379 568	9.965 143	3	.350	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.400 — 67°.350

22°.650 — 22°.700

22°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.585 574		9.620 432		0.379 568	9.965 143		.350	
651	9.585 593	19	9.620 453	21	0.379 547	9.965 139	4	349	
652	9.585 611	18	9.620 474	21	0.379 526	9.965 136	3	348	
653	9.585 629	18	9.620 496	22	0.379 504	9.965 133	3	347	
654	9.585 647	18	9.620 517	21	0.379 483	9.965 130	3	346	22
655	9.585 665	18	9.620 538	21	0.379 462	9.965 127	3	345	1 2.2
656	9.585 683	18	9.620 560	22	0.379 440	9.965 124	3	344	2 4.4
657	9.585 702	19	9.620 581	21	0.379 419	9.965 121	3	343	3 6.6
658	9.585 720	18	9.620 602	21	0.379 398	9.965 117	4	342	4 8.8
659	9.585 738	18	9.620 624	22	0.379 376	9.965 114	3	341	5 11.0
.660	9.585 756	18	9.620 645	21	0.379 355	9.965 111	3	.340	6 13.2
661	9.585 774	18	9.620 666	21	0.379 334	9.965 108	3	339	7 15.4
662	9.585 792	18	9.620 688	22	0.379 312	9.965 105	3	338	8 17.6
663	9.585 811	19	9.620 709	21	0.379 291	9.965 102	3	337	9 19.8
664	9.585 829	18	9.620 730	21	0.379 270	9.965 098	4	336	
665	9.585 847	18	9.620 752	22	0.379 248	9.965 095	3	335	21
666	9.585 865	18	9.620 773	21	0.379 227	9.965 092	3	334	1 2.1
667	9.585 883	18	9.620 794	21	0.379 206	9.965 089	3	333	2 4.2
668	9.585 901	18	9.620 816	22	0.379 184	9.965 086	3	332	3 6.3
669	9.585 919	18	9.620 837	21	0.379 163	9.965 083	3	331	4 8.4
.670	9.585 938	19	9.620 858	21	0.379 142	9.965 079	4	.330	5 10.5
671	9.585 956	18	9.620 880	22	0.379 120	9.965 076	3	329	6 12.6
672	9.585 974	18	9.620 901	21	0.379 099	9.965 073	3	328	7 14.7
673	9.585 992	18	9.620 922	21	0.379 078	9.965 070	3	327	8 16.8
674	9.586 010	18	9.620 943	21	0.379 057	9.965 067	3	326	9 18.9
675	9.586 028	18	9.620 965	22	0.379 035	9.965 064	3	325	
676	9.586 046	18	9.620 986	21	0.379 014	9.965 060	4	324	
677	9.586 065	19	9.621 007	21	0.378 993	9.965 057	3	323	19
678	9.586 083	18	9.621 029	22	0.378 971	9.965 054	3	322	1 1.9
679	9.586 101	18	9.621 050	21	0.378 950	9.965 051	3	321	2 3.8
.680	9.586 119	18	9.621 071	21	0.378 929	9.965 048	3	.320	3 5.7
681	9.586 137	18	9.621 093	22	0.378 907	9.965 045	3	319	4 7.6
682	9.586 155	18	9.621 114	21	0.378 886	9.965 041	4	318	5 9.5
683	9.586 173	18	9.621 135	21	0.378 865	9.965 038	3	317	6 11.4
684	9.586 192	19	9.621 157	22	0.378 843	9.965 035	3	316	7 13.3
685	9.586 210	18	9.621 178	21	0.378 822	9.965 032	3	315	8 15.2
686	9.586 228	18	9.621 199	21	0.378 801	9.965 029	3	314	9 17.1
687	9.586 246	18	9.621 220	21	0.378 780	9.965 026	3	313	
688	9.586 264	18	9.621 242	22	0.378 758	9.965 022	4	312	
689	9.586 282	18	9.621 263	21	0.378 737	9.965 019	3	311	18
.690	9.586 300	18	9.621 284	21	0.378 716	9.965 016	3	.310	1 1.8
691	9.586 318	18	9.621 306	22	0.378 694	9.965 013	3	309	2 3.6
692	9.586 337	19	9.621 327	21	0.378 673	9.965 010	3	308	3 5.4
693	9.586 355	18	9.621 348	21	0.378 652	9.965 006	4	307	4 7.2
694	9.586 373	18	9.621 370	22	0.378 630	9.965 003	3	306	5 9.0
695	9.586 391	18	9.621 391	21	0.378 609	9.965 000	3	305	6 10.8
696	9.586 409	18	9.621 412	21	0.378 588	9.964 997	3	304	7 12.6
697	9.586 427	18	9.621 433	21	0.378 567	9.964 994	3	303	8 14.4
698	9.586 445	18	9.621 455	22	0.378 545	9.964 991	3	302	9 16.2
699	9.586 463	18	9.621 476	21	0.378 524	9.964 987	4	301	
.700	9.586 482	19	9.621 497	21	0.378 503	9.964 984	3	.300	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.700 — 22°.750

22°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.586 482	18	9.621 497	22	0.378 503	9.964 984	3	.300	
701	9.586 500	18	9.621 519	21	0.378 481	9.964 981	3	299	
702	9.586 518	18	9.621 540	21	0.378 460	9.964 978	3	298	
703	9.586 536	18	9.621 561	21	0.378 439	9.964 975	3	297	
704	9.586 554	18	9.621 582	21	0.378 418	9.964 972	3	296	22
705	9.586 572	18	9.621 604	22	0.378 396	9.964 968	4	295	1 2.2
706	9.586 590	18	9.621 625	21	0.378 375	9.964 965	3	294	2 4.4
707	9.586 608	18	9.621 646	21	0.378 354	9.964 962	3	293	3 6.6
708	9.586 627	19	9.621 668	22	0.378 332	9.964 959	3	292	4 8.8
709	9.586 645	18	9.621 689	21	0.378 311	9.964 956	3	291	5 11.0
.710	9.586 663	18	9.621 710	21	0.378 290	9.964 953	3	.290	6 13.2
711	9.586 681	18	9.621 731	21	0.378 269	9.964 949	4	289	7 15.4
712	9.586 699	18	9.621 753	22	0.378 247	9.964 946	3	288	8 17.6
713	9.586 717	18	9.621 774	21	0.378 226	9.964 943	3	287	9 19.8
714	9.586 735	18	9.621 795	21	0.378 205	9.964 940	3	286	
715	9.586 753	18	9.621 817	22	0.378 183	9.964 937	3	285	21
716	9.586 771	18	9.621 838	21	0.378 162	9.964 934	3	284	
717	9.586 789	18	9.621 859	21	0.378 141	9.964 930	4	283	1 2.1
718	9.586 808	19	9.621 880	21	0.378 120	9.964 927	3	282	2 4.2
719	9.586 826	18	9.621 902	22	0.378 098	9.964 924	3	281	3 6.3
.720	9.586 844	18	9.621 923	21	0.378 077	9.964 921	3	.280	4 8.4
721	9.586 862	18	9.621 944	21	0.378 056	9.964 918	3	279	5 10.5
722	9.586 880	18	9.621 965	21	0.378 035	9.964 915	3	278	6 12.6
723	9.586 898	18	9.621 987	22	0.378 013	9.964 911	4	277	7 14.7
724	9.586 916	18	9.622 008	21	0.377 992	9.964 908	3	276	8 16.8
725	9.586 934	18	9.622 029	21	0.377 971	9.964 905	3	275	9 18.9
726	9.586 952	18	9.622 051	22	0.377 949	9.964 902	3	274	
727	9.586 971	19	9.622 072	21	0.377 928	9.964 899	3	273	19
728	9.586 989	18	9.622 093	21	0.377 907	9.964 895	4	272	
729	9.587 007	18	9.622 114	21	0.377 886	9.964 892	3	271	1 1.9
.730	9.587 025	18	9.622 136	22	0.377 864	9.964 889	3	.270	2 3.8
731	9.587 043	18	9.622 157	21	0.377 843	9.964 886	3	269	3 5.7
732	9.587 061	18	9.622 178	21	0.377 822	9.964 883	3	268	4 7.6
733	9.587 079	18	9.622 199	21	0.377 801	9.964 880	3	267	5 9.5
734	9.587 097	18	9.622 221	22	0.377 779	9.964 876	4	266	6 11.4
735	9.587 115	18	9.622 242	21	0.377 758	9.964 873	3	265	7 13.3
736	9.587 133	18	9.622 263	21	0.377 737	9.964 870	3	264	8 15.2
737	9.587 151	18	9.622 285	22	0.377 715	9.964 867	3	263	9 17.1
738	9.587 170	19	9.622 306	21	0.377 694	9.964 864	3	262	
739	9.587 188	18	9.622 327	21	0.377 673	9.964 861	3	261	18
.740	9.587 206	18	9.622 348	21	0.377 652	9.964 857	4	.260	
741	9.587 224	18	9.622 370	22	0.377 630	9.964 854	3	259	1 1.8
742	9.587 242	18	9.622 391	21	0.377 609	9.964 851	3	258	2 3.6
743	9.587 260	18	9.622 412	21	0.377 588	9.964 848	3	257	3 5.4
744	9.587 278	18	9.622 433	21	0.377 567	9.964 845	3	256	4 7.2
745	9.587 296	18	9.622 455	22	0.377 545	9.964 841	4	255	5 9.0
746	9.587 314	18	9.622 476	21	0.377 524	9.964 838	3	254	6 10.8
747	9.587 332	18	9.622 497	21	0.377 503	9.964 835	3	253	7 12.6
748	9.587 350	18	9.622 518	21	0.377 482	9.964 832	3	252	8 14.4
749	9.587 368	18	9.622 540	22	0.377 460	9.964 829	3	251	9 16.2
.750	9.587 386	18	9.622 561	21	0.377 439	9.964 826	3	.250	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.300 — 67°.250

22°.750 — 22°.800

22°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.587 386		9.622 561		0.377 439	9.964 826		.250	
751	9.587 405	19	9.622 582	21	0.377 418	9.964 822	4	249	
752	9.587 423	18	9.622 603	21	0.377 397	9.964 819	3	248	
753	9.587 441	18	9.622 625	22	0.377 375	9.964 816	3	247	
		18		21			3		22
754	9.587 459	18	9.622 646	21	0.377 354	9.964 813	3	246	
755	9.587 477	18	9.622 667	21	0.377 333	9.964 810	3	245	1 2.2
756	9.587 495	18	9.622 688	21	0.377 312	9.964 807	3	244	2 4.4
		18		22			4		3 6.6
757	9.587 513	18	9.622 710	21	0.377 290	9.964 803	3	243	4 8.8
758	9.587 531	18	9.622 731	21	0.377 269	9.964 800	3	242	5 11.0
759	9.587 549	18	9.622 752	21	0.377 248	9.964 797	3	241	6 13.2
		18		21			3		7 15.4
.760	9.587 567	18	9.622 773	22	0.377 227	9.964 794	3	.240	8 17.6
		18		21			3		9 19.8
761	9.587 585	18	9.622 795	21	0.377 205	9.964 791	4	239	
762	9.587 603	18	9.622 816	21	0.377 184	9.964 787	3	238	
763	9.587 621	18	9.622 837	21	0.377 163	9.964 784	3	237	
		18		21			3		21
764	9.587 639	19	9.622 858	22	0.377 142	9.964 781	3	236	
765	9.587 658	18	9.622 880	21	0.377 120	9.964 778	3	235	
766	9.587 676	18	9.622 901	21	0.377 099	9.964 775	3	234	
		18		21			3		1 2.1
767	9.587 694	18	9.622 922	21	0.377 078	9.964 772	4	233	2 4.2
768	9.587 712	18	9.622 943	22	0.377 057	9.964 768	3	232	3 6.3
769	9.587 730	18	9.622 965	21	0.377 035	9.964 765	3	231	4 8.4
		18		21			3		5 10.5
.770	9.587 748	18	9.622 986	21	0.377 014	9.964 762	3	.230	6 12.6
		18		21			3		7 14.7
771	9.587 766	18	9.623 007	21	0.376 993	9.964 759	3	229	8 16.8
772	9.587 784	18	9.623 028	22	0.376 972	9.964 756	4	228	9 18.9
773	9.587 802	18	9.623 050	21	0.376 950	9.964 752	3	227	
		18		21			3		
774	9.587 820	18	9.623 071	21	0.376 929	9.964 749	3	226	
775	9.587 838	18	9.623 092	21	0.376 908	9.964 746	3	225	
776	9.587 856	18	9.623 113	21	0.376 887	9.964 743	3	224	
		18		22			3		19
777	9.587 874	18	9.623 135	21	0.376 865	9.964 740	3	223	
778	9.587 892	18	9.623 156	21	0.376 844	9.964 737	4	222	1 1.9
779	9.587 910	18	9.623 177	21	0.376 823	9.964 733	3	221	2 3.8
		18		21			3		3 5.7
.780	9.587 928	18	9.623 198	21	0.376 802	9.964 730	3	.220	4 7.6
		18		22			3		5 9.5
781	9.587 946	18	9.623 219	21	0.376 781	9.964 727	3	219	6 11.4
782	9.587 964	19	9.623 241	21	0.376 759	9.964 724	3	218	7 13.3
783	9.587 983	18	9.623 262	21	0.376 738	9.964 721	4	217	8 15.2
		18		21			3		9 17.1
784	9.588 001	18	9.623 283	21	0.376 717	9.964 717	3	216	
785	9.588 019	18	9.623 304	22	0.376 696	9.964 714	3	215	
786	9.588 037	18	9.623 326	21	0.376 674	9.964 711	3	214	
		18		21			3		
787	9.588 055	18	9.623 347	21	0.376 653	9.964 708	3	213	
788	9.588 073	18	9.623 368	21	0.376 632	9.964 705	4	212	
789	9.588 091	18	9.623 389	21	0.376 611	9.964 701	3	211	
		18		22			3		18
.790	9.588 109	18	9.623 411	21	0.376 589	9.964 698	3	.210	1 1.8
		18		21			3		2 3.6
791	9.588 127	18	9.623 432	21	0.376 568	9.964 695	3	209	3 5.4
792	9.588 145	18	9.623 453	21	0.376 547	9.964 692	3	208	4 7.2
793	9.588 163	18	9.623 474	21	0.376 526	9.964 689	3	207	5 9.0
		18		21			3		6 10.8
794	9.588 181	18	9.623 495	22	0.376 505	9.964 686	4	206	7 12.6
795	9.588 199	18	9.623 517	21	0.376 483	9.964 682	3	205	8 14.4
796	9.588 217	18	9.623 538	21	0.376 462	9.964 679	3	204	9 16.2
		18		21			3		
797	9.588 235	18	9.623 559	21	0.376 441	9.964 676	3	203	
798	9.588 253	18	9.623 580	21	0.376 420	9.964 673	3	202	
799	9.588 271	18	9.623 602	22	0.376 398	9.964 670	3	201	
		18		21			4		
.800	9.588 289	18	9.623 623	21	0.376 377	9.964 666	4	.200	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.800 — 22°.850

22°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.588 289	18	9.623 623	21	0.376 377	9.964 666	3	.200	
801	9.588 307	18	9.623 644	21	0.376 356	9.964 663	3	199	
802	9.588 325	18	9.623 665	21	0.376 335	9.964 660	3	198	
803	9.588 343	18	9.623 686	21	0.376 314	9.964 657	3	197	
804	9.588 361	18	9.623 708	22	0.376 292	9.964 654	3	196	22
805	9.588 379	18	9.623 729	21	0.376 271	9.964 651	3	195	1 2.2
806	9.588 397	18	9.623 750	21	0.376 250	9.964 647	4	194	2 4.4
807	9.588 415	18	9.623 771	21	0.376 229	9.964 644	3	193	3 6.6
808	9.588 433	18	9.623 792	21	0.376 208	9.964 641	3	192	4 8.8
809	9.588 451	18	9.623 814	22	0.376 186	9.964 638	3	191	5 11.0
.810	9.588 469	18	9.623 835	21	0.376 165	9.964 635	3	.190	6 13.2
811	9.588 487	18	9.623 856	21	0.376 144	9.964 631	4	189	7 15.4
812	9.588 505	18	9.623 877	21	0.376 123	9.964 628	3	188	8 17.6
813	9.588 524	19	9.623 898	21	0.376 102	9.964 625	3	187	9 19.8
814	9.588 542	18	9.623 920	22	0.376 080	9.964 622	3	186	
815	9.588 560	18	9.623 941	21	0.376 059	9.964 619	3	185	21
816	9.588 578	18	9.623 962	21	0.376 038	9.964 615	4	184	1 2.1
817	9.588 596	18	9.623 983	21	0.376 017	9.964 612	3	183	2 4.2
818	9.588 614	18	9.624 005	22	0.375 995	9.964 609	3	182	3 6.3
819	9.588 632	18	9.624 026	21	0.375 974	9.964 606	3	181	4 8.4
.820	9.588 650	18	9.624 047	21	0.375 953	9.964 603	3	.180	5 10.5
821	9.588 668	18	9.624 068	21	0.375 932	9.964 600	3	179	6 12.6
822	9.588 686	18	9.624 089	21	0.375 911	9.964 596	4	178	7 14.7
823	9.588 704	18	9.624 111	22	0.375 889	9.964 593	3	177	8 16.8
824	9.588 722	18	9.624 132	21	0.375 868	9.964 590	3	176	9 18.9
825	9.588 740	18	9.624 153	21	0.375 847	9.964 587	3	175	
826	9.588 758	18	9.624 174	21	0.375 826	9.964 584	3	174	
827	9.588 776	18	9.624 195	21	0.375 805	9.964 580	4	173	19
828	9.588 794	18	9.624 217	22	0.375 783	9.964 577	3	172	1 1.9
829	9.588 812	18	9.624 238	21	0.375 762	9.964 574	3	171	2 3.8
.830	9.588 830	18	9.624 259	21	0.375 741	9.964 571	3	.170	3 5.7
831	9.588 848	18	9.624 280	21	0.375 720	9.964 568	3	169	4 7.6
832	9.588 866	18	9.624 301	21	0.375 699	9.964 564	4	168	5 9.5
833	9.588 884	18	9.624 323	22	0.375 677	9.964 561	3	167	6 11.4
834	9.588 902	18	9.624 344	21	0.375 656	9.964 558	3	166	7 13.3
835	9.588 920	18	9.624 365	21	0.375 635	9.964 555	3	165	8 15.2
836	9.588 938	18	9.624 386	21	0.375 614	9.964 552	3	164	9 17.1
837	9.588 956	18	9.624 407	21	0.375 593	9.964 548	4	163	
838	9.588 974	18	9.624 428	21	0.375 572	9.964 545	3	162	
839	9.588 992	18	9.624 450	22	0.375 550	9.964 542	3	161	18
.840	9.589 010	18	9.624 471	21	0.375 529	9.964 539	3	.160	1 1.8
841	9.589 028	18	9.624 492	21	0.375 508	9.964 536	3	159	2 3.6
842	9.589 046	18	9.624 513	21	0.375 487	9.964 532	4	158	3 5.4
843	9.589 064	18	9.624 534	21	0.375 466	9.964 529	3	157	4 7.2
844	9.589 082	18	9.624 556	22	0.375 444	9.964 526	3	156	5 9.0
845	9.589 100	18	9.624 577	21	0.375 423	9.964 523	3	155	6 10.8
846	9.589 118	18	9.624 598	21	0.375 402	9.964 520	3	154	7 12.6
847	9.589 136	18	9.624 619	21	0.375 381	9.964 517	3	153	8 14.4
848	9.589 154	18	9.624 640	21	0.375 360	9.964 513	4	152	9 16.2
849	9.589 172	18	9.624 662	22	0.375 338	9.964 510	3	151	
.850	9.589 190	18	9.624 683	21	0.375 317	9.964 507	3	.150	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

67°.200 — 67°.150

22°.850 — 22°.900

22°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.589 190	18	9.624 683	21	0.375 317	9.964 507	3	.150	
851	9.589 208	18	9.624 704	21	0.375 296	9.964 504	3	149	
852	9.589 226	18	9.624 725	21	0.375 275	9.964 501	3	148	
853	9.589 244	18	9.624 746	21	0.375 254	9.964 497	4	147	
854	9.589 262	18	9.624 767	21	0.375 233	9.964 494	3	146	22
855	9.589 280	18	9.624 789	22	0.375 211	9.964 491	3	145	1 2.2
856	9.589 298	18	9.624 810	21	0.375 190	9.964 488	3	144	2 4.4
857	9.589 316	18	9.624 831	21	0.375 169	9.964 485	3	143	3 6.6
858	9.589 334	18	9.624 852	21	0.375 148	9.964 481	4	142	4 8.8
859	9.589 352	18	9.624 873	21	0.375 127	9.964 478	3	141	5 11.0
.860	9.589 369	17	9.624 895	22	0.375 105	9.964 475	3	.140	6 13.2
861	9.589 387	18	9.624 916	21	0.375 084	9.964 472	3	139	7 15.4
862	9.589 405	18	9.624 937	21	0.375 063	9.964 469	3	138	8 17.6
863	9.589 423	18	9.624 958	21	0.375 042	9.964 465	4	137	9 19.8
864	9.589 441	18	9.624 979	21	0.375 021	9.964 462	3	136	
865	9.589 459	18	9.625 000	21	0.375 000	9.964 459	3	135	21
866	9.589 477	18	9.625 022	22	0.374 978	9.964 456	3	134	1 2.1
867	9.589 495	18	9.625 043	21	0.374 957	9.964 453	3	133	2 4.2
868	9.589 513	18	9.625 064	21	0.374 936	9.964 449	4	132	3 6.3
869	9.589 531	18	9.625 085	21	0.374 915	9.964 446	3	131	4 8.4
.870	9.589 549	18	9.625 106	21	0.374 894	9.964 443	3	.130	5 10.5
871	9.589 567	18	9.625 127	21	0.374 873	9.964 440	3	129	6 12.6
872	9.589 585	18	9.625 149	22	0.374 851	9.964 437	3	128	7 14.7
873	9.589 603	18	9.625 170	21	0.374 830	9.964 433	4	127	8 16.8
874	9.589 621	18	9.625 191	21	0.374 809	9.964 430	3	126	9 18.9
875	9.589 639	18	9.625 212	21	0.374 788	9.964 427	3	125	
876	9.589 657	18	9.625 233	21	0.374 767	9.964 424	3	124	
877	9.589 675	18	9.625 254	21	0.374 746	9.964 421	3	123	18
878	9.589 693	18	9.625 276	22	0.374 724	9.964 417	4	122	1 1.8
879	9.589 711	18	9.625 297	21	0.374 703	9.964 414	3	121	2 3.6
.880	9.589 729	18	9.625 318	21	0.374 682	9.964 411	3	.120	3 5.4
881	9.589 747	18	9.625 339	21	0.374 661	9.964 408	3	119	4 7.2
882	9.589 765	18	9.625 360	21	0.374 640	9.964 405	3	118	5 9.0
883	9.589 783	18	9.625 381	21	0.374 619	9.964 401	4	117	6 10.8
884	9.589 801	18	9.625 402	21	0.374 598	9.964 398	3	116	7 12.6
885	9.589 819	18	9.625 424	22	0.374 576	9.964 395	3	115	8 14.4
886	9.589 837	18	9.625 445	21	0.374 555	9.964 392	3	114	9 16.2
887	9.589 855	18	9.625 466	21	0.374 534	9.964 389	3	113	
888	9.589 873	18	9.625 487	21	0.374 513	9.964 385	4	112	
889	9.589 891	18	9.625 508	21	0.374 492	9.964 382	3	111	
.890	9.589 908	17	9.625 529	21	0.374 471	9.964 379	3	.110	17
891	9.589 926	18	9.625 551	22	0.374 449	9.964 376	3	109	1 1.7
892	9.589 944	18	9.625 572	21	0.374 428	9.964 373	3	108	2 3.4
893	9.589 962	18	9.625 593	21	0.374 407	9.964 369	4	107	3 5.1
894	9.589 980	18	9.625 614	21	0.374 386	9.964 366	3	106	4 6.8
895	9.589 998	18	9.625 635	21	0.374 365	9.964 363	3	105	5 8.5
896	9.590 016	18	9.625 656	21	0.374 344	9.964 360	3	104	6 10.2
897	9.590 034	18	9.625 677	21	0.374 323	9.964 357	3	103	7 11.9
898	9.590 052	18	9.625 699	22	0.374 301	9.964 353	4	102	8 13.6
899	9.590 070	18	9.625 720	21	0.374 280	9.964 350	3	101	9 15.3
.900	9.590 088	18	9.625 741	21	0.374 259	9.964 347	3	.100	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.900 — 22°.950

22°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.590 088	18	9.625 741	21	0.374 259	9.964 347	3	.100	
901	9.590 106	18	9.625 762	21	0.374 238	9.964 344	3	099	
902	9.590 124	18	9.625 783	21	0.374 217	9.964 341	3	098	
903	9.590 142	18	9.625 804	21	0.374 196	9.964 337	4	097	
904	9.590 160	18	9.625 825	21	0.374 175	9.964 334	3	096	22
905	9.590 178	18	9.625 847	22	0.374 153	9.964 331	3	095	1 2.2
906	9.590 196	18	9.625 868	21	0.374 132	9.964 328	3	094	2 4.4
907	9.590 214	18	9.625 889	21	0.374 111	9.964 325	3	093	3 6.6
908	9.590 231	17	9.625 910	21	0.374 090	9.964 321	4	092	4 8.8
909	9.590 249	18	9.625 931	21	0.374 069	9.964 318	3	091	5 11.0
.910	9.590 267	18	9.625 952	21	0.374 048	9.964 315	3	.090	6 13.2
911	9.590 285	18	9.625 973	21	0.374 027	9.964 312	3	089	7 15.4
912	9.590 303	18	9.625 995	22	0.374 005	9.964 309	3	088	8 17.6
913	9.590 321	18	9.626 016	21	0.373 984	9.964 305	4	087	9 19.8
914	9.590 339	18	9.626 037	21	0.373 963	9.964 302	3	086	
915	9.590 357	18	9.626 058	21	0.373 942	9.964 299	3	085	21
916	9.590 375	18	9.626 079	21	0.373 921	9.964 296	3	084	
917	9.590 393	18	9.626 100	21	0.373 900	9.964 293	3	083	1 2.1
918	9.590 411	18	9.626 121	21	0.373 879	9.964 289	4	082	2 4.2
919	9.590 429	18	9.626 143	22	0.373 857	9.964 286	3	081	3 6.3
.920	9.590 447	18	9.626 164	21	0.373 836	9.964 283	3	.080	4 8.4
921	9.590 465	18	9.626 185	21	0.373 815	9.964 280	3	079	5 10.5
922	9.590 483	18	9.626 206	21	0.373 794	9.964 277	3	078	6 12.6
923	9.590 500	17	9.626 227	21	0.373 773	9.964 273	4	077	7 14.7
924	9.590 518	18	9.626 248	21	0.373 752	9.964 270	3	076	8 16.8
925	9.590 536	18	9.626 269	21	0.373 731	9.964 267	3	075	9 18.9
926	9.590 554	18	9.626 290	21	0.373 710	9.964 264	3	074	
927	9.590 572	18	9.626 312	22	0.373 688	9.964 261	3	073	18
928	9.590 590	18	9.626 333	21	0.373 667	9.964 257	4	072	
929	9.590 608	18	9.626 354	21	0.373 646	9.964 254	3	071	1 1.8
.930	9.590 626	18	9.626 375	21	0.373 625	9.964 251	3	.070	2 3.6
931	9.590 644	18	9.626 396	21	0.373 604	9.964 248	3	069	3 5.4
932	9.590 662	18	9.626 417	21	0.373 583	9.964 245	3	068	4 7.2
933	9.590 680	18	9.626 438	21	0.373 562	9.964 241	4	067	5 9.0
934	9.590 698	18	9.626 459	21	0.373 541	9.964 238	3	066	6 10.8
935	9.590 715	17	9.626 481	22	0.373 519	9.964 235	3	065	7 12.6
936	9.590 733	18	9.626 502	21	0.373 498	9.964 232	3	064	8 14.4
937	9.590 751	18	9.626 523	21	0.373 477	9.964 228	4	063	9 16.2
938	9.590 769	18	9.626 544	21	0.373 456	9.964 225	3	062	
939	9.590 787	18	9.626 565	21	0.373 435	9.964 222	3	061	
.940	9.590 805	18	9.626 586	21	0.373 414	9.964 219	3	.060	17
941	9.590 823	18	9.626 607	21	0.373 393	9.964 216	3	059	1 1.7
942	9.590 841	18	9.626 628	21	0.373 372	9.964 212	4	058	2 3.4
943	9.590 859	18	9.626 650	22	0.373 350	9.964 209	3	057	3 5.1
944	9.590 877	18	9.626 671	21	0.373 329	9.964 206	3	056	4 6.8
945	9.590 895	18	9.626 692	21	0.373 308	9.964 203	3	055	5 8.5
946	9.590 912	17	9.626 713	21	0.373 287	9.964 200	3	054	6 10.2
947	9.590 930	18	9.626 734	21	0.373 266	9.964 196	4	053	7 11.9
948	9.590 948	18	9.626 755	21	0.373 245	9.964 193	3	052	8 13.6
949	9.590 966	18	9.626 776	21	0.373 224	9.964 190	3	051	9 15.3
.950	9.590 984	18	9.626 797	21	0.373 203	9.964 187	3	.050	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

22°.950 — 23°.000

22°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.590 984	18	9.626 797	21	0.373 203	9.964 187	3	.050	
951	9.591 002	18	9.626 818	21	0.373 182	9.964 184	3	049	
952	9.591 020	18	9.626 840	22	0.373 160	9.964 180	4	048	
953	9.591 038	18	9.626 861	21	0.373 139	9.964 177	3	047	
954	9.591 056	18	9.626 882	21	0.373 118	9.964 174	3	046	22
955	9.591 074	18	9.626 903	21	0.373 097	9.964 171	3	045	1 2.2
956	9.591 091	17	9.626 924	21	0.373 076	9.964 167	4	044	2 4.4
957	9.591 109	18	9.626 945	21	0.373 055	9.964 164	3	043	3 6.6
958	9.591 127	18	9.626 966	21	0.373 034	9.964 161	3	042	4 8.8
959	9.591 145	18	9.626 987	21	0.373 013	9.964 158	3	041	5 11.0
.960	9.591 163	18	9.627 008	21	0.372 992	9.964 155	3	.040	6 13.2
961	9.591 181	18	9.627 029	21	0.372 971	9.964 151	4	039	7 15.4
962	9.591 199	18	9.627 051	22	0.372 949	9.964 148	3	038	8 17.6
963	9.591 217	18	9.627 072	21	0.372 928	9.964 145	3	037	9 19.8
964	9.591 235	18	9.627 093	21	0.372 907	9.964 142	3	036	
965	9.591 252	17	9.627 114	21	0.372 886	9.964 139	3	035	21
966	9.591 270	18	9.627 135	21	0.372 865	9.964 135	4	034	1 2.1
967	9.591 288	18	9.627 156	21	0.372 844	9.964 132	3	033	2 4.2
968	9.591 306	18	9.627 177	21	0.372 823	9.964 129	3	032	3 6.3
969	9.591 324	18	9.627 198	21	0.372 802	9.964 126	3	031	4 8.4
.970	9.591 342	18	9.627 219	21	0.372 781	9.964 123	3	.030	5 10.5
971	9.591 360	18	9.627 240	21	0.372 760	9.964 119	4	029	6 12.6
972	9.591 378	18	9.627 262	22	0.372 738	9.964 116	3	028	7 14.7
973	9.591 396	18	9.627 283	21	0.372 717	9.964 113	3	027	8 16.8
974	9.591 413	17	9.627 304	21	0.372 696	9.964 110	3	026	9 18.9
975	9.591 431	18	9.627 325	21	0.372 675	9.964 106	4	025	
976	9.591 449	18	9.627 346	21	0.372 654	9.964 103	3	024	
977	9.591 467	18	9.627 367	21	0.372 633	9.964 100	3	023	18
978	9.591 485	18	9.627 388	21	0.372 612	9.964 097	3	022	1 1.8
979	9.591 503	18	9.627 409	21	0.372 591	9.964 094	3	021	2 3.6
.980	9.591 521	18	9.627 430	21	0.372 570	9.964 090	4	.020	3 5.4
981	9.591 539	18	9.627 451	21	0.372 549	9.964 087	3	019	4 7.2
982	9.591 556	17	9.627 472	21	0.372 528	9.964 084	3	018	5 9.0
983	9.591 574	18	9.627 494	22	0.372 506	9.964 081	3	017	6 10.8
984	9.591 592	18	9.627 515	21	0.372 485	9.964 078	3	016	7 12.6
985	9.591 610	18	9.627 536	21	0.372 464	9.964 074	3	015	8 14.4
986	9.591 628	18	9.627 557	21	0.372 443	9.964 071	4	014	9 16.2
987	9.591 646	18	9.627 578	21	0.372 422	9.964 068	3	013	
988	9.591 664	18	9.627 599	21	0.372 401	9.964 065	3	012	
989	9.591 682	18	9.627 620	21	0.372 380	9.964 061	4	011	
.990	9.591 699	17	9.627 641	21	0.372 359	9.964 058	3	.010	17
991	9.591 717	18	9.627 662	21	0.372 338	9.964 055	3	009	1 1.7
992	9.591 735	18	9.627 683	21	0.372 317	9.964 052	3	008	2 3.4
993	9.591 753	18	9.627 704	21	0.372 296	9.964 049	3	007	3 5.1
994	9.591 771	18	9.627 725	21	0.372 275	9.964 045	4	006	4 6.8
995	9.591 789	18	9.627 747	22	0.372 253	9.964 042	3	005	5 8.5
996	9.591 807	18	9.627 768	21	0.372 232	9.964 039	3	004	6 10.2
997	9.591 824	17	9.627 789	21	0.372 211	9.964 036	3	003	7 11.9
998	9.591 842	18	9.627 810	21	0.372 190	9.964 033	3	002	8 13.6
999	9.591 860	18	9.627 831	21	0.372 169	9.964 029	4	001	9 15.3
*.000	9.591 878	18	9.627 852	21	0.372 148	9.964 026	3	.000	
	cos	d	cotg	d	tang	sin	d	67°	P.P.

23°.000 — 23°.050

23°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.591 878	18	9.627 852	21	0.372 148	9.964 026	3	*.000	
001	9.591 896	18	9.627 873	21	0.372 127	9.964 023	3	999	
002	9.591 914	18	9.627 894	21	0.372 106	9.964 020	3	998	
003	9.591 932	18	9.627 915	21	0.372 085	9.964 016	4	997	
004	9.591 949	17	9.627 936	21	0.372 064	9.964 013	3	996	22
005	9.591 967	18	9.627 957	21	0.372 043	9.964 010	3	995	1 2.2
006	9.591 985	18	9.627 978	21	0.372 022	9.964 007	3	994	2 4.4
007	9.592 003	18	9.627 999	21	0.372 001	9.964 004	3	993	3 6.6
008	9.592 021	18	9.628 021	22	0.371 979	9.964 000	4	992	4 8.8
009	9.592 039	18	9.628 042	21	0.371 958	9.963 997	3	991	5 11.0
.010	9.592 057	18	9.628 063	21	0.371 937	9.963 994	3	.990	6 13.2
011	9.592 074	17	9.628 084	21	0.371 916	9.963 991	3	989	7 15.4
012	9.592 092	18	9.628 105	21	0.371 895	9.963 987	4	988	8 17.6
013	9.592 110	18	9.628 126	21	0.371 874	9.963 984	3	987	9 19.8
014	9.592 128	18	9.628 147	21	0.371 853	9.963 981	3	986	
015	9.592 146	18	9.628 168	21	0.371 832	9.963 978	3	985	21
016	9.592 164	18	9.628 189	21	0.371 811	9.963 975	3	984	
017	9.592 181	17	9.628 210	21	0.371 790	9.963 971	4	983	1 2.1
018	9.592 199	18	9.628 231	21	0.371 769	9.963 968	3	982	2 4.2
019	9.592 217	18	9.628 252	21	0.371 748	9.963 965	3	981	3 6.3
.020	9.592 235	18	9.628 273	21	0.371 727	9.963 962	3	.980	4 8.4
021	9.592 253	18	9.628 294	21	0.371 706	9.963 958	4	979	5 10.5
022	9.592 271	18	9.628 315	21	0.371 685	9.963 955	3	978	6 12.6
023	9.592 288	17	9.628 336	21	0.371 664	9.963 952	3	977	7 14.7
024	9.592 306	18	9.628 358	22	0.371 642	9.963 949	3	976	8 16.8
025	9.592 324	18	9.628 379	21	0.371 621	9.963 946	3	975	9 18.9
026	9.592 342	18	9.628 400	21	0.371 600	9.963 942	4	974	
027	9.592 360	18	9.628 421	21	0.371 579	9.963 939	3	973	18
028	9.592 378	18	9.628 442	21	0.371 558	9.963 936	3	972	
029	9.592 396	18	9.628 463	21	0.371 537	9.963 933	3	971	1 1.8
.030	9.592 413	17	9.628 484	21	0.371 516	9.963 929	4	.970	2 3.6
031	9.592 431	18	9.628 505	21	0.371 495	9.963 926	3	969	3 5.4
032	9.592 449	18	9.628 526	21	0.371 474	9.963 923	3	968	4 7.2
033	9.592 467	18	9.628 547	21	0.371 453	9.963 920	3	967	5 9.0
034	9.592 485	18	9.628 568	21	0.371 432	9.963 917	3	966	6 10.8
035	9.592 502	17	9.628 589	21	0.371 411	9.963 913	4	965	7 12.6
036	9.592 520	18	9.628 610	21	0.371 390	9.963 910	3	964	8 14.4
037	9.592 538	18	9.628 631	21	0.371 369	9.963 907	3	963	9 16.2
038	9.592 556	18	9.628 652	21	0.371 348	9.963 904	3	962	
039	9.592 574	18	9.628 673	21	0.371 327	9.963 900	4	961	
.040	9.592 592	18	9.628 694	21	0.371 306	9.963 897	3	.960	17
041	9.592 609	17	9.628 715	21	0.371 285	9.963 894	3	959	1 1.7
042	9.592 627	18	9.628 736	21	0.371 264	9.963 891	3	958	2 3.4
043	9.592 645	18	9.628 757	21	0.371 243	9.963 888	3	957	3 5.1
044	9.592 663	18	9.628 779	22	0.371 221	9.963 884	4	956	4 6.8
045	9.592 681	18	9.628 800	21	0.371 200	9.963 881	3	955	5 8.5
046	9.592 699	18	9.628 821	21	0.371 179	9.963 878	3	954	6 10.2
047	9.592 716	17	9.628 842	21	0.371 158	9.963 875	3	953	7 11.9
048	9.592 734	18	9.628 863	21	0.371 137	9.963 871	4	952	8 13.6
049	9.592 752	18	9.628 884	21	0.371 116	9.963 868	3	951	9 15.3
.050	9.592 770	18	9.628 905	21	0.371 095	9.963 865	3	.950	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.050 — 23°.100

23°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.592 770	18	9.628 905	21	0.371 095	9.963 865	3	.950	
051	9.592 788	17	9.628 926	21	0.371 074	9.963 862	3	949	
052	9.592 805	18	9.628 947	21	0.371 053	9.963 859	3	948	
053	9.592 823	18	9.628 968	21	0.371 032	9.963 855	4	947	
054	9.592 841	18	9.628 989	21	0.371 011	9.963 852	3	946	22
055	9.592 859	18	9.629 010	21	0.370 990	9.963 849	3	945	1 2.2
056	9.592 877	18	9.629 031	21	0.370 969	9.963 846	3	944	2 4.4
057	9.592 894	17	9.629 052	21	0.370 948	9.963 842	4	943	3 6.6
058	9.592 912	18	9.629 073	21	0.370 927	9.963 839	3	942	4 8.8
059	9.592 930	18	9.629 094	21	0.370 906	9.963 836	3	941	5 11.0
.060	9.592 948	18	9.629 115	21	0.370 885	9.963 833	3	.940	6 13.2
061	9.592 966	18	9.629 136	21	0.370 864	9.963 830	3	939	7 15.4
062	9.592 983	17	9.629 157	21	0.370 843	9.963 826	4	938	8 17.6
063	9.593 001	18	9.629 178	21	0.370 822	9.963 823	3	937	9 19.8
064	9.593 019	18	9.629 199	21	0.370 801	9.963 820	3	936	
065	9.593 037	18	9.629 220	21	0.370 780	9.963 817	3	935	21
066	9.593 055	18	9.629 241	21	0.370 759	9.963 813	4	934	1 2.1
067	9.593 072	17	9.629 262	21	0.370 738	9.963 810	3	933	2 4.2
068	9.593 090	18	9.629 283	21	0.370 717	9.963 807	3	932	3 6.3
069	9.593 108	18	9.629 304	21	0.370 696	9.963 804	3	931	4 8.4
.070	9.593 126	18	9.629 325	21	0.370 675	9.963 800	4	.930	5 10.5
071	9.593 144	18	9.629 346	21	0.370 654	9.963 797	3	929	6 12.6
072	9.593 161	17	9.629 367	21	0.370 633	9.963 794	3	928	7 14.7
073	9.593 179	18	9.629 388	21	0.370 612	9.963 791	3	927	8 16.8
074	9.593 197	18	9.629 410	22	0.370 590	9.963 788	3	926	9 18.9
075	9.593 215	18	9.629 431	21	0.370 569	9.963 784	4	925	
076	9.593 233	18	9.629 452	21	0.370 548	9.963 781	3	924	
077	9.593 250	17	9.629 473	21	0.370 527	9.963 778	3	923	18
078	9.593 268	18	9.629 494	21	0.370 506	9.963 775	3	922	1 1.8
079	9.593 286	18	9.629 515	21	0.370 485	9.963 771	4	921	2 3.6
.080	9.593 304	18	9.629 536	21	0.370 464	9.963 768	3	.920	3 5.4
081	9.593 322	18	9.629 557	21	0.370 443	9.963 765	3	919	4 7.2
082	9.593 339	17	9.629 578	21	0.370 422	9.963 762	3	918	5 9.0
083	9.593 357	18	9.629 599	21	0.370 401	9.963 758	4	917	6 10.8
084	9.593 375	18	9.629 620	21	0.370 380	9.963 755	3	916	7 12.6
085	9.593 393	18	9.629 641	21	0.370 359	9.963 752	3	915	8 14.4
086	9.593 411	18	9.629 662	21	0.370 338	9.963 749	3	914	9 16.2
087	9.593 428	17	9.629 683	21	0.370 317	9.963 746	3	913	
088	9.593 446	18	9.629 704	21	0.370 296	9.963 742	4	912	
089	9.593 464	18	9.629 725	21	0.370 275	9.963 739	3	911	17
.090	9.593 482	18	9.629 746	21	0.370 254	9.963 736	3	.910	1 1.7
091	9.593 499	17	9.629 767	21	0.370 233	9.963 733	3	909	2 3.4
092	9.593 517	18	9.629 788	21	0.370 212	9.963 729	4	908	3 5.1
093	9.593 535	18	9.629 809	21	0.370 191	9.963 726	3	907	4 6.8
094	9.593 553	18	9.629 830	21	0.370 170	9.963 723	3	906	5 8.5
095	9.593 571	18	9.629 851	21	0.370 149	9.963 720	3	905	6 10.2
096	9.593 588	17	9.629 872	21	0.370 128	9.963 716	4	904	7 11.9
097	9.593 606	18	9.629 893	21	0.370 107	9.963 713	3	903	8 13.6
098	9.593 624	18	9.629 914	21	0.370 086	9.963 710	3	902	9 15.3
099	9.593 642	18	9.629 935	21	0.370 065	9.963 707	3	901	
.100	9.593 659	17	9.629 956	21	0.370 044	9.963 704	3	.900	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.100 — 23°.150

23°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.593 659	18	9.629 956	21	0.370 044	9.963 704	4	.900	
101	9.593 677	18	9.629 977	21	0.370 023	9.963 700	3	899	
102	9.593 695	18	9.629 998	21	0.370 002	9.963 697	3	898	
103	9.593 713	18	9.630 019	21	0.369 981	9.963 694	3	897	
104	9.593 730	17	9.630 040	21	0.369 960	9.963 691	3	896	21
105	9.593 748	18	9.630 061	21	0.369 939	9.963 687	4	895	1 2.1
106	9.593 766	18	9.630 082	21	0.369 918	9.963 684	3	894	2 4.2
107	9.593 784	18	9.630 103	21	0.369 897	9.963 681	3	893	3 6.3
108	9.593 802	17	9.630 124	21	0.369 876	9.963 678	3	892	4 8.4
109	9.593 819	18	9.630 145	21	0.369 855	9.963 674	4	891	5 10.5
.110	9.593 837	18	9.630 166	21	0.369 834	9.963 671	3	.890	6 12.6
111	9.593 855	18	9.630 187	21	0.369 813	9.963 668	3	889	7 14.7
112	9.593 873	18	9.630 208	21	0.369 792	9.963 665	3	888	8 16.8
113	9.593 890	17	9.630 229	21	0.369 771	9.963 662	3	887	9 18.9
114	9.593 908	18	9.630 250	21	0.369 750	9.963 658	4	886	
115	9.593 926	18	9.630 271	21	0.369 729	9.963 655	3	885	20
116	9.593 944	18	9.630 292	21	0.369 708	9.963 652	3	884	1 2.0
117	9.593 961	17	9.630 313	21	0.369 687	9.963 649	3	883	2 4.0
118	9.593 979	18	9.630 334	21	0.369 666	9.963 645	4	882	3 6.0
119	9.593 997	18	9.630 355	21	0.369 645	9.963 642	3	881	4 8.0
.120	9.594 015	18	9.630 376	21	0.369 624	9.963 639	3	.880	5 10.0
121	9.594 032	17	9.630 397	21	0.369 603	9.963 636	3	879	6 12.0
122	9.594 050	18	9.630 418	21	0.369 582	9.963 632	4	878	7 14.0
123	9.594 068	18	9.630 439	21	0.369 561	9.963 629	3	877	8 16.0
124	9.594 086	18	9.630 460	21	0.369 540	9.963 626	3	876	9 18.0
125	9.594 103	17	9.630 481	21	0.369 519	9.963 623	3	875	
126	9.594 121	18	9.630 502	21	0.369 498	9.963 619	4	874	
127	9.594 139	18	9.630 523	21	0.369 477	9.963 616	3	873	18
128	9.594 157	18	9.630 544	21	0.369 456	9.963 613	3	872	1 1.8
129	9.594 174	17	9.630 565	21	0.369 435	9.963 610	3	871	2 3.6
.130	9.594 192	18	9.630 586	21	0.369 414	9.963 606	4	.870	3 5.4
131	9.594 210	18	9.630 607	21	0.369 393	9.963 603	3	869	4 7.2
132	9.594 228	18	9.630 628	21	0.369 372	9.963 600	3	868	5 9.0
133	9.594 245	17	9.630 649	21	0.369 351	9.963 597	3	867	6 10.8
134	9.594 263	18	9.630 670	21	0.369 330	9.963 594	3	866	7 12.6
135	9.594 281	18	9.630 691	21	0.369 309	9.963 590	4	865	8 14.4
136	9.594 299	18	9.630 712	21	0.369 288	9.963 587	3	864	9 16.2
137	9.594 316	17	9.630 733	21	0.369 267	9.963 584	3	863	
138	9.594 334	18	9.630 753	20	0.369 247	9.963 581	3	862	
139	9.594 352	18	9.630 774	21	0.369 226	9.963 577	4	861	17
.140	9.594 370	18	9.630 795	21	0.369 205	9.963 574	3	.860	1 1.7
141	9.594 387	17	9.630 816	21	0.369 184	9.963 571	3	859	2 3.4
142	9.594 405	18	9.630 837	21	0.369 163	9.963 568	3	858	3 5.1
143	9.594 423	18	9.630 858	21	0.369 142	9.963 564	4	857	4 6.8
144	9.594 440	17	9.630 879	21	0.369 121	9.963 561	3	856	5 8.5
145	9.594 458	18	9.630 900	21	0.369 100	9.963 558	3	855	6 10.2
146	9.594 476	18	9.630 921	21	0.369 079	9.963 555	3	854	7 11.9
147	9.594 494	18	9.630 942	21	0.369 058	9.963 551	4	853	8 13.6
148	9.594 511	17	9.630 963	21	0.369 037	9.963 548	3	852	9 15.3
149	9.594 529	18	9.630 984	21	0.369 016	9.963 545	3	851	
.150	9.594 547	18	9.631 005	21	0.368 995	9.963 542	3	.850	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.150 — 23°.200

23°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.594 547	18	9.631 005	21	0.368 995	9.963 542	4	.850	
151	9.594 565	17	9.631 026	21	0.368 974	9.963 538	3	849	
152	9.594 582	18	9.631 047	21	0.368 953	9.963 535	3	848	
153	9.594 600	18	9.631 068	21	0.368 932	9.963 532	3	847	
154	9.594 618	18	9.631 089	21	0.368 911	9.963 529	3	846	21
155	9.594 635	17	9.631 110	21	0.368 890	9.963 525	4	845	1 2.1
156	9.594 653	18	9.631 131	21	0.368 869	9.963 522	3	844	2 4.2
157	9.594 671	18	9.631 152	21	0.368 848	9.963 519	3	843	3 6.3
158	9.594 689	18	9.631 173	21	0.368 827	9.963 516	3	842	4 8.4
159	9.594 706	17	9.631 194	21	0.368 806	9.963 513	3	841	5 10.5
.160	9.594 724	18	9.631 215	21	0.368 785	9.963 509	4	.840	6 12.6
161	9.594 742	18	9.631 236	21	0.368 764	9.963 506	3	839	7 14.7
162	9.594 760	18	9.631 257	21	0.368 743	9.963 503	3	838	8 16.8
163	9.594 777	17	9.631 278	21	0.368 722	9.963 500	3	837	9 18.9
164	9.594 795	18	9.631 299	21	0.368 701	9.963 496	4	836	
165	9.594 813	18	9.631 320	21	0.368 680	9.963 493	3	835	20
166	9.594 830	17	9.631 341	21	0.368 659	9.963 490	3	834	1 2.0
167	9.594 848	18	9.631 362	21	0.368 638	9.963 487	3	833	2 4.0
168	9.594 866	18	9.631 382	20	0.368 618	9.963 483	4	832	3 6.0
169	9.594 884	18	9.631 403	21	0.368 597	9.963 480	3	831	4 8.0
.170	9.594 901	17	9.631 424	21	0.368 576	9.963 477	3	.830	5 10.0
171	9.594 919	18	9.631 445	21	0.368 555	9.963 474	3	829	6 12.0
172	9.594 937	18	9.631 466	21	0.368 534	9.963 470	4	828	7 14.0
173	9.594 954	17	9.631 487	21	0.368 513	9.963 467	3	827	8 16.0
174	9.594 972	18	9.631 508	21	0.368 492	9.963 464	3	826	9 18.0
175	9.594 990	18	9.631 529	21	0.368 471	9.963 461	3	825	
176	9.595 007	17	9.631 550	21	0.368 450	9.963 457	4	824	
177	9.595 025	18	9.631 571	21	0.368 429	9.963 454	3	823	18
178	9.595 043	18	9.631 592	21	0.368 408	9.963 451	3	822	1 1.8
179	9.595 061	18	9.631 613	21	0.368 387	9.963 448	3	821	2 3.6
.180	9.595 078	17	9.631 634	21	0.368 366	9.963 444	4	.820	3 5.4
181	9.595 096	18	9.631 655	21	0.368 345	9.963 441	3	819	4 7.2
182	9.595 114	18	9.631 676	21	0.368 324	9.963 438	3	818	5 9.0
183	9.595 131	17	9.631 697	21	0.368 303	9.963 435	3	817	6 10.8
184	9.595 149	18	9.631 718	21	0.368 282	9.963 431	4	816	7 12.6
185	9.595 167	18	9.631 739	21	0.368 261	9.963 428	3	815	8 14.4
186	9.595 185	18	9.631 760	21	0.368 240	9.963 425	3	814	9 16.2
187	9.595 202	17	9.631 781	21	0.368 219	9.963 422	3	813	
188	9.595 220	18	9.631 801	20	0.368 199	9.963 418	4	812	
189	9.595 238	18	9.631 822	21	0.368 178	9.963 415	3	811	17
.190	9.595 255	17	9.631 843	21	0.368 157	9.963 412	3	.810	1 1.7
191	9.595 273	18	9.631 864	21	0.368 136	9.963 409	3	809	2 3.4
192	9.595 291	18	9.631 885	21	0.368 115	9.963 405	4	808	3 5.1
193	9.595 308	17	9.631 906	21	0.368 094	9.963 402	3	807	4 6.8
194	9.595 326	18	9.631 927	21	0.368 073	9.963 399	3	806	5 8.5
195	9.595 344	18	9.631 948	21	0.368 052	9.963 396	3	805	6 10.2
196	9.595 361	17	9.631 969	21	0.368 031	9.963 392	4	804	7 11.9
197	9.595 379	18	9.631 990	21	0.368 010	9.963 389	3	803	8 13.6
198	9.595 397	18	9.632 011	21	0.367 989	9.963 386	3	802	9 15.3
199	9.595 415	18	9.632 032	21	0.367 968	9.963 383	3	801	
.200	9.595 432	17	9.632 053	21	0.367 947	9.963 379	4	.800	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.200 — 23°.250

23°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.595 432	18	9.632 053	21	0.367 947	9.963 379	3	.800	
201	9.595 450	18	9.632 074	21	0.367 926	9.963 376	3	799	
202	9.595 468	17	9.632 095	21	0.367 905	9.963 373	3	798	
203	9.595 485	18	9.632 116	20	0.367 884	9.963 370	4	797	
204	9.595 503	18	9.632 136	21	0.367 864	9.963 366	3	796	
205	9.595 521	17	9.632 157	21	0.367 843	9.963 363	3	795	
206	9.595 538	18	9.632 178	21	0.367 822	9.963 360	3	794	
207	9.595 556	18	9.632 199	21	0.367 801	9.963 357	4	793	
208	9.595 574	17	9.632 220	21	0.367 780	9.963 353	3	792	
209	9.595 591	18	9.632 241	21	0.367 759	9.963 350	3	791	
.210	9.595 609	18	9.632 262	21	0.367 738	9.963 347	3	.790	
211	9.595 627	17	9.632 283	21	0.367 717	9.963 344	4	789	
212	9.595 644	18	9.632 304	21	0.367 696	9.963 340	3	788	
213	9.595 662	18	9.632 325	21	0.367 675	9.963 337	3	787	
214	9.595 680	17	9.632 346	21	0.367 654	9.963 334	3	786	
215	9.595 697	18	9.632 367	21	0.367 633	9.963 331	4	785	
216	9.595 715	18	9.632 388	20	0.367 612	9.963 327	3	784	
217	9.595 733	17	9.632 408	21	0.367 592	9.963 324	3	783	
218	9.595 750	18	9.632 429	21	0.367 571	9.963 321	3	782	
219	9.595 768	18	9.632 450	21	0.367 550	9.963 318	4	781	
.220	9.595 786	17	9.632 471	21	0.367 529	9.963 314	3	.780	
221	9.595 803	18	9.632 492	21	0.367 508	9.963 311	3	779	
222	9.595 821	18	9.632 513	21	0.367 487	9.963 308	3	778	
223	9.595 839	17	9.632 534	21	0.367 466	9.963 305	4	777	
224	9.595 856	18	9.632 555	21	0.367 445	9.963 301	3	776	
225	9.595 874	18	9.632 576	21	0.367 424	9.963 298	3	775	
226	9.595 892	17	9.632 597	21	0.367 403	9.963 295	3	774	
227	9.595 909	18	9.632 618	21	0.367 382	9.963 292	4	773	
228	9.595 927	18	9.632 639	21	0.367 361	9.963 288	3	772	
229	9.595 945	17	9.632 660	20	0.367 340	9.963 285	3	771	
.230	9.595 962	18	9.632 680	21	0.367 320	9.963 282	3	.770	
231	9.595 980	18	9.632 701	21	0.367 299	9.963 279	4	769	
232	9.595 998	17	9.632 722	21	0.367 278	9.963 275	3	768	
233	9.596 015	18	9.632 743	21	0.367 257	9.963 272	3	767	
234	9.596 033	18	9.632 764	21	0.367 236	9.963 269	3	766	
235	9.596 051	17	9.632 785	21	0.367 215	9.963 266	4	765	
236	9.596 068	18	9.632 806	21	0.367 194	9.963 262	3	764	
237	9.596 086	18	9.632 827	21	0.367 173	9.963 259	3	763	
238	9.596 104	17	9.632 848	21	0.367 152	9.963 256	3	762	
239	9.596 121	18	9.632 869	21	0.367 131	9.963 253	4	761	
.240	9.596 139	18	9.632 890	20	0.367 110	9.963 249	3	.760	
241	9.596 157	17	9.632 910	21	0.367 090	9.963 246	3	759	
242	9.596 174	18	9.632 931	21	0.367 069	9.963 243	3	758	
243	9.596 192	18	9.632 952	21	0.367 048	9.963 240	4	757	
244	9.596 210	17	9.632 973	21	0.367 027	9.963 236	3	756	
245	9.596 227	18	9.632 994	21	0.367 006	9.963 233	3	755	
246	9.596 245	17	9.633 015	21	0.366 985	9.963 230	3	754	
247	9.596 262	18	9.633 036	21	0.366 964	9.963 227	4	753	
248	9.596 280	18	9.633 057	21	0.366 943	9.963 223	3	752	
249	9.596 298	17	9.633 078	21	0.366 922	9.963 220	3	751	
.250	9.596 315	18	9.633 099	21	0.366 901	9.963 217	3	.750	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.250 — 23°.300

23°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.596 315	18	9.633 099	20	0.366 901	9.963 217	3	.750	
251	9.596 333	18	9.633 119	21	0.366 881	9.963 214	3	749	
252	9.596 351	17	9.633 140	21	0.366 860	9.963 210	4	748	
253	9.596 368	18	9.633 161	21	0.366 839	9.963 207	3	747	
254	9.596 386	18	9.633 182	21	0.366 818	9.963 204	3	746	21
255	9.596 404	17	9.633 203	21	0.366 797	9.963 201	3	745	1 2.1
256	9.596 421	18	9.633 224	21	0.366 776	9.963 197	4	744	2 4.2
257	9.596 439	17	9.633 245	21	0.366 755	9.963 194	3	743	3 6.3
258	9.596 456	18	9.633 266	21	0.366 734	9.963 191	3	742	4 8.4
259	9.596 474	18	9.633 287	21	0.366 713	9.963 188	3	741	5 10.5
.260	9.596 492	17	9.633 308	20	0.366 692	9.963 184	4	.740	6 12.6
261	9.596 509	18	9.633 328	21	0.366 672	9.963 181	3	739	7 14.7
262	9.596 527	18	9.633 349	21	0.366 651	9.963 178	3	738	8 16.8
263	9.596 545	17	9.633 370	21	0.366 630	9.963 174	4	737	9 18.9
264	9.596 562	18	9.633 391	21	0.366 609	9.963 171	3	736	
265	9.596 580	18	9.633 412	21	0.366 588	9.963 168	3	735	20
266	9.596 598	17	9.633 433	21	0.366 567	9.963 165	3	734	
267	9.596 615	18	9.633 454	21	0.366 546	9.963 161	4	733	1 2.0
268	9.596 633	17	9.633 475	21	0.366 525	9.963 158	3	732	2 4.0
269	9.596 650	18	9.633 496	21	0.366 504	9.963 155	3	731	3 6.0
.270	9.596 668	17	9.633 516	20	0.366 484	9.963 152	3	.730	4 8.0
271	9.596 686	18	9.633 537	21	0.366 463	9.963 148	4	729	5 10.0
272	9.596 703	17	9.633 558	21	0.366 442	9.963 145	3	728	6 12.0
273	9.596 721	18	9.633 579	21	0.366 421	9.963 142	3	727	7 14.0
274	9.596 739	18	9.633 600	21	0.366 400	9.963 139	3	726	8 16.0
275	9.596 756	17	9.633 621	21	0.366 379	9.963 135	4	725	9 18.0
276	9.596 774	18	9.633 642	21	0.366 358	9.963 132	3	724	
277	9.596 791	17	9.633 663	21	0.366 337	9.963 129	3	723	18
278	9.596 809	18	9.633 683	20	0.366 317	9.963 126	3	722	
279	9.596 827	18	9.633 704	21	0.366 296	9.963 122	4	721	1 1.8
.280	9.596 844	17	9.633 725	21	0.366 275	9.963 119	3	.720	2 3.6
281	9.596 862	18	9.633 746	21	0.366 254	9.963 116	3	719	3 5.4
282	9.596 880	18	9.633 767	21	0.366 233	9.963 113	3	718	4 7.2
283	9.596 897	17	9.633 788	21	0.366 212	9.963 109	4	717	5 9.0
284	9.596 915	18	9.633 809	21	0.366 191	9.963 106	3	716	6 10.8
285	9.596 932	17	9.633 830	21	0.366 170	9.963 103	3	715	7 12.6
286	9.596 950	18	9.633 850	20	0.366 150	9.963 099	4	714	8 14.4
287	9.596 968	18	9.633 871	21	0.366 129	9.963 096	3	713	9 16.2
288	9.596 985	17	9.633 892	21	0.366 108	9.963 093	3	712	
289	9.597 003	18	9.633 913	21	0.366 087	9.963 090	3	711	
.290	9.597 020	17	9.633 934	21	0.366 066	9.963 086	4	.710	17
291	9.597 038	18	9.633 955	21	0.366 045	9.963 083	3	709	1 1.7
292	9.597 056	18	9.633 976	21	0.366 024	9.963 080	3	708	2 3.4
293	9.597 073	17	9.633 997	21	0.366 003	9.963 077	3	707	3 5.1
294	9.597 091	18	9.634 017	20	0.365 983	9.963 073	4	706	4 6.8
295	9.597 108	17	9.634 038	21	0.365 962	9.963 070	3	705	5 8.5
296	9.597 126	18	9.634 059	21	0.365 941	9.963 067	3	704	6 10.2
297	9.597 144	18	9.634 080	21	0.365 920	9.963 064	3	703	7 11.9
298	9.597 161	17	9.634 101	21	0.365 899	9.963 060	4	702	8 13.6
299	9.597 179	18	9.634 122	21	0.365 878	9.963 057	3	701	9 15.3
.300	9.597 196	17	9.634 143	21	0.365 857	9.963 054	3	.700	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.750 — 66°.700

23°.300 — 23°.350

23°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.597 196	18	9.634 143	21	0.365 857	9.963 054	3	.700	
301	9.597 214	18	9.634 164	21	0.365 836	9.963 051	3	699	
302	9.597 232	17	9.634 184	20	0.365 816	9.963 047	4	698	
303	9.597 249	17	9.634 205	21	0.365 795	9.963 044	3	697	
304	9.597 267	18	9.634 226	21	0.365 774	9.963 041	3	696	21
305	9.597 284	17	9.634 247	21	0.365 753	9.963 037	4	695	1 2.1
306	9.597 302	18	9.634 268	21	0.365 732	9.963 034	3	694	2 4.2
307	9.597 320	18	9.634 289	21	0.365 711	9.963 031	3	693	3 6.3
308	9.597 337	17	9.634 310	21	0.365 690	9.963 028	3	692	4 8.4
309	9.597 355	18	9.634 330	20	0.365 670	9.963 024	4	691	5 10.5
.310	9.597 372	17	9.634 351	21	0.365 649	9.963 021	3	.690	6 12.6
311	9.597 390	18	9.634 372	21	0.365 628	9.963 018	3	689	7 14.7
312	9.597 408	18	9.634 393	21	0.365 607	9.963 015	3	688	8 16.8
313	9.597 425	17	9.634 414	21	0.365 586	9.963 011	4	687	9 18.9
314	9.597 443	18	9.634 435	21	0.365 565	9.963 008	3	686	
315	9.597 460	17	9.634 456	21	0.365 544	9.963 005	3	685	
316	9.597 478	18	9.634 476	20	0.365 524	9.963 002	3	684	20
317	9.597 496	18	9.634 497	21	0.365 503	9.962 998	4	683	1 2.0
318	9.597 513	17	9.634 518	21	0.365 482	9.962 995	3	682	2 4.0
319	9.597 531	18	9.634 539	21	0.365 461	9.962 992	3	681	3 6.0
.320	9.597 548	17	9.634 560	21	0.365 440	9.962 988	4	.680	4 8.0
321	9.597 566	18	9.634 581	21	0.365 419	9.962 985	3	679	5 10.0
322	9.597 583	17	9.634 601	20	0.365 399	9.962 982	3	678	6 12.0
323	9.597 601	18	9.634 622	21	0.365 378	9.962 979	3	677	7 14.0
324	9.597 619	18	9.634 643	21	0.365 357	9.962 975	4	676	8 16.0
325	9.597 636	17	9.634 664	21	0.365 336	9.962 972	3	675	9 18.0
326	9.597 654	18	9.634 685	21	0.365 315	9.962 969	3	674	
327	9.597 671	17	9.634 706	21	0.365 294	9.962 966	3	673	
328	9.597 689	18	9.634 727	21	0.365 273	9.962 962	4	672	18
329	9.597 707	18	9.634 747	20	0.365 253	9.962 959	3	671	1 1.8
.330	9.597 724	17	9.634 768	21	0.365 232	9.962 956	3	.670	2 3.6
331	9.597 742	18	9.634 789	21	0.365 211	9.962 953	3	669	3 5.4
332	9.597 759	17	9.634 810	21	0.365 190	9.962 949	4	668	4 7.2
333	9.597 777	18	9.634 831	21	0.365 169	9.962 946	3	667	5 9.0
334	9.597 794	17	9.634 852	21	0.365 148	9.962 943	3	666	6 10.8
335	9.597 812	18	9.634 872	20	0.365 128	9.962 939	4	665	7 12.6
336	9.597 830	18	9.634 893	21	0.365 107	9.962 936	3	664	8 14.4
337	9.597 847	17	9.634 914	21	0.365 086	9.962 933	3	663	9 16.2
338	9.597 865	18	9.634 935	21	0.365 065	9.962 930	4	662	
339	9.597 882	17	9.634 956	21	0.365 044	9.962 926	3	661	
.340	9.597 900	18	9.634 977	21	0.365 023	9.962 923	3	.660	17
341	9.597 917	17	9.634 998	21	0.365 002	9.962 920	3	659	1 1.7
342	9.597 935	18	9.635 018	20	0.364 982	9.962 917	3	658	2 3.4
343	9.597 952	17	9.635 039	21	0.364 961	9.962 913	4	657	3 5.1
344	9.597 970	18	9.635 060	21	0.364 940	9.962 910	3	656	4 6.8
345	9.597 988	18	9.635 081	21	0.364 919	9.962 907	3	655	5 8.5
346	9.598 005	17	9.635 102	21	0.364 898	9.962 903	4	654	6 10.2
347	9.598 023	18	9.635 123	21	0.364 877	9.962 900	3	653	7 11.9
348	9.598 040	17	9.635 143	20	0.364 857	9.962 897	3	652	8 13.6
349	9.598 058	18	9.635 164	21	0.364 836	9.962 894	3	651	9 15.3
.350	9.598 075	17	9.635 185	21	0.364 815	9.962 890	4	.650	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.700 — 66°.650

23°.350 — 23°.400

23°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.598 075	18	9.635 185	21	0.364 815	9.962 890	3	.650	
351	9.598 093	18	9.635 206	21	0.364 794	9.962 887	3	649	
352	9.598 111	17	9.635 227	21	0.364 773	9.962 884	3	648	
353	9.598 128	18	9.635 248	20	0.364 752	9.962 881	4	647	
354	9.598 146	17	9.635 268	21	0.364 732	9.962 877	3	646	
355	9.598 163	18	9.635 289	21	0.364 711	9.962 874	3	645	
356	9.598 181	17	9.635 310	21	0.364 690	9.962 871	4	644	
357	9.598 198	18	9.635 331	21	0.364 669	9.962 867	3	643	
358	9.598 216	17	9.635 352	20	0.364 648	9.962 864	3	642	
359	9.598 233	18	9.635 372	21	0.364 628	9.962 861	3	641	
.360	9.598 251	17	9.635 393	21	0.364 607	9.962 858	4	.640	
361	9.598 268	18	9.635 414	21	0.364 586	9.962 854	3	639	
362	9.598 286	18	9.635 435	21	0.364 565	9.962 851	3	638	
363	9.598 304	17	9.635 456	21	0.364 544	9.962 848	3	637	
364	9.598 321	18	9.635 477	20	0.364 523	9.962 845	4	636	
365	9.598 339	17	9.635 497	21	0.364 503	9.962 841	3	635	
366	9.598 356	18	9.635 518	21	0.364 482	9.962 838	3	634	
367	9.598 374	17	9.635 539	21	0.364 461	9.962 835	4	633	
368	9.598 391	18	9.635 560	21	0.364 440	9.962 831	3	632	
369	9.598 409	17	9.635 581	20	0.364 419	9.962 828	3	631	
.370	9.598 426	18	9.635 601	21	0.364 399	9.962 825	3	.630	
371	9.598 444	17	9.635 622	21	0.364 378	9.962 822	4	629	
372	9.598 461	18	9.635 643	21	0.364 357	9.962 818	3	628	
373	9.598 479	18	9.635 664	21	0.364 336	9.962 815	3	627	
374	9.598 497	17	9.635 685	21	0.364 315	9.962 812	3	626	
375	9.598 514	18	9.635 706	20	0.364 294	9.962 809	4	625	
376	9.598 532	17	9.635 726	21	0.364 274	9.962 805	3	624	
377	9.598 549	18	9.635 747	21	0.364 253	9.962 802	3	623	
378	9.598 567	17	9.635 768	21	0.364 232	9.962 799	4	622	
379	9.598 584	18	9.635 789	21	0.364 211	9.962 795	3	621	
.380	9.598 602	17	9.635 810	20	0.364 190	9.962 792	3	.620	
381	9.598 619	18	9.635 830	21	0.364 170	9.962 789	3	619	
382	9.598 637	17	9.635 851	21	0.364 149	9.962 786	4	618	
383	9.598 654	18	9.635 872	21	0.364 128	9.962 782	3	617	
384	9.598 672	17	9.635 893	21	0.364 107	9.962 779	3	616	
385	9.598 689	18	9.635 914	20	0.364 086	9.962 776	4	615	
386	9.598 707	17	9.635 934	21	0.364 066	9.962 772	3	614	
387	9.598 724	18	9.635 955	21	0.364 045	9.962 769	3	613	
388	9.598 742	18	9.635 976	21	0.364 024	9.962 766	3	612	
389	9.598 760	17	9.635 997	21	0.364 003	9.962 763	4	611	
.390	9.598 777	18	9.636 018	20	0.363 982	9.962 759	3	.610	
391	9.598 795	17	9.636 038	21	0.363 962	9.962 756	3	609	
392	9.598 812	18	9.636 059	21	0.363 941	9.962 753	3	608	
393	9.598 830	17	9.636 080	21	0.363 920	9.962 750	4	607	
394	9.598 847	18	9.636 101	21	0.363 899	9.962 746	3	606	
395	9.598 865	17	9.636 122	20	0.363 878	9.962 743	3	605	
396	9.598 882	18	9.636 142	21	0.363 858	9.962 740	4	604	
397	9.598 900	17	9.636 163	21	0.363 837	9.962 736	3	603	
398	9.598 917	18	9.636 184	21	0.363 816	9.962 733	3	602	
399	9.598 935	17	9.636 205	21	0.363 795	9.962 730	3	601	
.400	9.598 952	18	9.636 226	21	0.363 774	9.962 727	3	.600	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.650 — 66°.600

23°.400 — 23°.450

23°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.598 952	18	9.636 226	20	0.363 774	9.962 727	4	.600	
401	9.598 970	17	9.636 246	21	0.363 754	9.962 723	3	599	
402	9.598 987	18	9.636 267	21	0.363 733	9.962 720	3	598	
403	9.599 005	17	9.636 288	21	0.363 712	9.962 717	3	597	
404	9.599 022	18	9.636 309	21	0.363 691	9.962 713	4	596	21
405	9.599 040	17	9.636 330	21	0.363 670	9.962 710	3	595	1 2.1
406	9.599 057	18	9.636 350	20	0.363 650	9.962 707	3	594	2 4.2
407	9.599 075	18	9.636 371	21	0.363 629	9.962 704	3	593	3 6.3
408	9.599 092	17	9.636 392	21	0.363 608	9.962 700	4	592	4 8.4
409	9.599 110	18	9.636 413	21	0.363 587	9.962 697	3	591	5 10.5
.410	9.599 127	17	9.636 434	21	0.363 566	9.962 694	3	.590	6 12.6
		18		20			4		7 14.7
411	9.599 145	17	9.636 454	21	0.363 546	9.962 690	3	589	8 16.8
412	9.599 162	18	9.636 475	21	0.363 525	9.962 687	3	588	9 18.9
413	9.599 180	17	9.636 496	21	0.363 504	9.962 684	3	587	
414	9.599 197	18	9.636 517	21	0.363 483	9.962 681	3	586	
415	9.599 215	18	9.636 538	21	0.363 462	9.962 677	4	585	
416	9.599 232	17	9.636 558	20	0.363 442	9.962 674	3	584	20
		18		21			3		1 2.0
417	9.599 250	17	9.636 579	21	0.363 421	9.962 671	3	583	2 4.0
418	9.599 267	18	9.636 600	21	0.363 400	9.962 668	3	582	3 6.0
419	9.599 285	18	9.636 621	21	0.363 379	9.962 664	4	581	4 8.0
.420	9.599 302	17	9.636 641	20	0.363 359	9.962 661	3	.580	5 10.0
		18		21			3		6 12.0
421	9.599 320	17	9.636 662	21	0.363 338	9.962 658	4	579	7 14.0
422	9.599 337	18	9.636 683	21	0.363 317	9.962 654	3	578	8 16.0
423	9.599 355	17	9.636 704	21	0.363 296	9.962 651	3	577	9 18.0
424	9.599 372	18	9.636 725	21	0.363 275	9.962 648	3	576	
425	9.599 390	18	9.636 745	20	0.363 255	9.962 645	3	575	
426	9.599 407	17	9.636 766	21	0.363 234	9.962 641	4	574	
427	9.599 425	18	9.636 787	21	0.363 213	9.962 638	3	573	
428	9.599 442	17	9.636 808	21	0.363 192	9.962 635	3	572	18
429	9.599 460	18	9.636 828	20	0.363 172	9.962 631	4	571	1 1.8
.430	9.599 477	17	9.636 849	21	0.363 151	9.962 628	3	.570	2 3.6
		18		21			3		3 5.4
431	9.599 495	17	9.636 870	21	0.363 130	9.962 625	3	569	4 7.2
432	9.599 512	18	9.636 891	21	0.363 109	9.962 622	3	568	5 9.0
433	9.599 530	17	9.636 912	21	0.363 088	9.962 618	4	567	6 10.8
434	9.599 547	18	9.636 932	20	0.363 068	9.962 615	3	566	7 12.6
435	9.599 565	17	9.636 953	21	0.363 047	9.962 612	3	565	8 14.4
436	9.599 582	18	9.636 974	21	0.363 026	9.962 608	4	564	9 16.2
437	9.599 600	17	9.636 995	21	0.363 005	9.962 605	3	563	
438	9.599 617	18	9.637 015	20	0.362 985	9.962 602	3	562	
439	9.599 635	18	9.637 036	21	0.362 964	9.962 599	3	561	
.440	9.599 652	17	9.637 057	21	0.362 943	9.962 595	4	.560	17
		18		21			3		1 1.7
441	9.599 670	17	9.637 078	21	0.362 922	9.962 592	3	559	2 3.4
442	9.599 687	18	9.637 099	21	0.362 901	9.962 589	3	558	3 5.1
443	9.599 705	18	9.637 119	20	0.362 881	9.962 585	4	557	4 6.8
444	9.599 722	17	9.637 140	21	0.362 860	9.962 582	3	556	5 8.5
445	9.599 740	18	9.637 161	21	0.362 839	9.962 579	3	555	6 10.2
446	9.599 757	17	9.637 182	21	0.362 818	9.962 576	3	554	7 11.9
447	9.599 775	18	9.637 202	20	0.362 798	9.962 572	4	553	8 13.6
448	9.599 792	17	9.637 223	21	0.362 777	9.962 569	3	552	9 15.3
449	9.599 810	18	9.637 244	21	0.362 756	9.962 566	3	551	
.450	9.599 827	17	9.637 265	21	0.362 735	9.962 562	4	.550	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.600 — 66°.550

23°.450 — 23°.500

23°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.599 827		9.637 265		0.362 735	9.962 562		.550	
451	9.599 844	17	9.637 285	20	0.362 715	9.962 559	3	549	
452	9.599 862	18	9.637 306	21	0.362 694	9.962 556	3	548	
453	9.599 879	17	9.637 327	21	0.362 673	9.962 553	3	547	
		18		21			4		21
454	9.599 897	17	9.637 348	20	0.362 652	9.962 549	3	546	1 2.1
455	9.599 914	18	9.637 368	21	0.362 632	9.962 546	3	545	2 4.2
456	9.599 932	17	9.637 389	21	0.362 611	9.962 543	3	544	3 6.3
		17		21			4		4 8.4
457	9.599 949	18	9.637 410	21	0.362 590	9.962 539	3	543	5 10.5
458	9.599 967	17	9.637 431	20	0.362 569	9.962 536	3	542	6 12.6
459	9.599 984	18	9.637 451	21	0.362 549	9.962 533	4	541	7 14.7
.460	9.600 002	17	9.637 472	21	0.362 528	9.962 529	3	.540	8 16.8
		18		21			3		9 18.9
461	9.600 019	17	9.637 493	21	0.362 507	9.962 526	3	539	
462	9.600 037	18	9.637 514	20	0.362 486	9.962 523	3	538	
463	9.600 054	17	9.637 534	21	0.362 466	9.962 520	3	537	
		18		21			4		20
464	9.600 072	17	9.637 555	21	0.362 445	9.962 516	3	536	1 2.0
465	9.600 089	17	9.637 576	21	0.362 424	9.962 513	3	535	2 4.0
466	9.600 106	17	9.637 597	21	0.362 403	9.962 510	3	534	3 6.0
		18		20			4		4 8.0
467	9.600 124	17	9.637 617	21	0.362 383	9.962 506	3	533	5 10.0
468	9.600 141	18	9.637 638	21	0.362 362	9.962 503	3	532	6 12.0
469	9.600 159	17	9.637 659	21	0.362 341	9.962 500	3	531	7 14.0
		17		21			3		8 16.0
.470	9.600 176	18	9.637 680	20	0.362 320	9.962 497	4	.530	9 18.0
		17		21			3		
471	9.600 194	17	9.637 700	21	0.362 300	9.962 493	3	529	
472	9.600 211	18	9.637 721	21	0.362 279	9.962 490	3	528	
473	9.600 229	17	9.637 742	21	0.362 258	9.962 487	3	527	
		18		21			4		
474	9.600 246	17	9.637 763	20	0.362 237	9.962 483	3	526	
475	9.600 264	17	9.637 783	21	0.362 217	9.962 480	3	525	
476	9.600 281	18	9.637 804	21	0.362 196	9.962 477	3	524	
		17		21			3		
477	9.600 299	17	9.637 825	21	0.362 175	9.962 474	4	523	18
478	9.600 316	17	9.637 846	20	0.362 154	9.962 470	3	522	1 1.8
479	9.600 333	18	9.637 866	21	0.362 134	9.962 467	3	521	2 3.6
		17		21			3		3 5.4
.480	9.600 351	17	9.637 887	21	0.362 113	9.962 464	4	.520	4 7.2
		18		21			3		5 9.0
481	9.600 368	17	9.637 908	20	0.362 092	9.962 460	3	519	6 10.8
482	9.600 386	18	9.637 929	21	0.362 071	9.962 457	3	518	7 12.6
483	9.600 403	17	9.637 949	21	0.362 051	9.962 454	4	517	8 14.4
		18		21			3		9 16.2
484	9.600 421	17	9.637 970	21	0.362 030	9.962 450	3	516	
485	9.600 438	18	9.637 991	21	0.362 009	9.962 447	3	515	
486	9.600 456	17	9.638 012	20	0.361 988	9.962 444	3	514	
		17		21			3		
487	9.600 473	17	9.638 032	21	0.361 968	9.962 441	4	513	
488	9.600 490	18	9.638 053	21	0.361 947	9.962 437	3	512	
489	9.600 508	17	9.638 074	21	0.361 926	9.962 434	3	511	
		17		21			3		17
.490	9.600 525	18	9.638 095	20	0.361 905	9.962 431	4	.510	1 1.7
		17		21			3		2 3.4
491	9.600 543	18	9.638 115	21	0.361 885	9.962 427	3	509	3 5.1
492	9.600 560	17	9.638 136	21	0.361 864	9.962 424	3	508	4 6.8
493	9.600 578	18	9.638 157	21	0.361 843	9.962 421	3	507	5 8.5
		17		21			3		6 10.2
494	9.600 595	18	9.638 178	20	0.361 822	9.962 418	4	506	7 11.9
495	9.600 613	17	9.638 198	21	0.361 802	9.962 414	3	505	8 13.6
496	9.600 630	17	9.638 219	21	0.361 781	9.962 411	3	504	9 15.3
		17		21			3		
497	9.600 647	18	9.638 240	20	0.361 760	9.962 408	4	503	
498	9.600 665	17	9.638 260	21	0.361 740	9.962 404	3	502	
499	9.600 682	18	9.638 281	21	0.361 719	9.962 401	3	501	
		17		21			3		
.500	9.600 700	18	9.638 302	20	0.361 698	9.962 398	4	.500	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.550 — 66°.500

23°.500 — 23°.550

23°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.600 700		9.638 302		0.361 698	9.962 398		.500	
501	9.600 717	17	9.638 323	21	0.361 677	9.962 394	4	499	
502	9.600 735	18	9.638 343	20	0.361 657	9.962 391	3	498	
503	9.600 752	17	9.638 364	21	0.361 636	9.962 388	3	497	
504	9.600 769	17	9.638 385	21	0.361 615	9.962 385	3	496	
505	9.600 787	18	9.638 406	21	0.361 594	9.962 381	4	495	
506	9.600 804	17	9.638 426	20	0.361 574	9.962 378	3	494	
507	9.600 822	18	9.638 447	21	0.361 553	9.962 375	3	493	
508	9.600 839	17	9.638 468	21	0.361 532	9.962 371	4	492	
509	9.600 857	18	9.638 488	20	0.361 512	9.962 368	3	491	
.510	9.600 874	17	9.638 509	21	0.361 491	9.962 365	3	.490	
511	9.600 891	17	9.638 530	21	0.361 470	9.962 362	3	489	
512	9.600 909	18	9.638 551	21	0.361 449	9.962 358	4	488	
513	9.600 926	17	9.638 571	20	0.361 429	9.962 355	3	487	
514	9.600 944	18	9.638 592	21	0.361 408	9.962 352	3	486	
515	9.600 961	17	9.638 613	21	0.361 387	9.962 348	4	485	
516	9.600 978	17	9.638 633	20	0.361 367	9.962 345	3	484	
517	9.600 996	18	9.638 654	21	0.361 346	9.962 342	3	483	
518	9.601 013	17	9.638 675	21	0.361 325	9.962 338	4	482	
519	9.601 031	18	9.638 696	21	0.361 304	9.962 335	3	481	
.520	9.601 048	17	9.638 716	20	0.361 284	9.962 332	3	.480	
521	9.601 066	18	9.638 737	21	0.361 263	9.962 329	3	479	
522	9.601 083	17	9.638 758	21	0.361 242	9.962 325	4	478	
523	9.601 100	17	9.638 778	20	0.361 222	9.962 322	3	477	
524	9.601 118	18	9.638 799	21	0.361 201	9.962 319	3	476	
525	9.601 135	17	9.638 820	21	0.361 180	9.962 315	4	475	
526	9.601 153	18	9.638 841	21	0.361 159	9.962 312	3	474	
527	9.601 170	17	9.638 861	20	0.361 139	9.962 309	3	473	
528	9.601 187	17	9.638 882	21	0.361 118	9.962 305	4	472	
529	9.601 205	18	9.638 903	21	0.361 097	9.962 302	3	471	
.530	9.601 222	17	9.638 923	20	0.361 077	9.962 299	3	.470	
531	9.601 240	18	9.638 944	21	0.361 056	9.962 296	3	469	
532	9.601 257	17	9.638 965	21	0.361 035	9.962 292	4	468	
533	9.601 275	18	9.638 986	21	0.361 014	9.962 289	3	467	
534	9.601 292	17	9.639 006	20	0.360 994	9.962 286	3	466	
535	9.601 309	17	9.639 027	21	0.360 973	9.962 282	4	465	
536	9.601 327	18	9.639 048	21	0.360 952	9.962 279	3	464	
537	9.601 344	17	9.639 068	20	0.360 932	9.962 276	3	463	
538	9.601 362	18	9.639 089	21	0.360 911	9.962 272	4	462	
539	9.601 379	17	9.639 110	21	0.360 890	9.962 269	3	461	
.540	9.601 396	17	9.639 130	20	0.360 870	9.962 266	3	.460	
541	9.601 414	18	9.639 151	21	0.360 849	9.962 263	3	459	
542	9.601 431	17	9.639 172	21	0.360 828	9.962 259	4	458	
543	9.601 449	18	9.639 193	21	0.360 807	9.962 256	3	457	
544	9.601 466	17	9.639 213	20	0.360 787	9.962 253	3	456	
545	9.601 483	17	9.639 234	21	0.360 766	9.962 249	4	455	
546	9.601 501	18	9.639 255	21	0.360 745	9.962 246	3	454	
547	9.601 518	17	9.639 275	20	0.360 725	9.962 243	3	453	
548	9.601 535	17	9.639 296	21	0.360 704	9.962 239	4	452	
549	9.601 553	18	9.639 317	21	0.360 683	9.962 236	3	451	
.550	9.601 570	17	9.639 337	20	0.360 663	9.962 233	3	.450	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.500 — 66°.450

23°.550 — 23°.600

23°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.601 570	18	9.639 337	21	0.360 663	9.962 233	4	.450	
551	9.601 588	17	9.639 358	21	0.360 642	9.962 229	3	449	
552	9.601 605	17	9.639 379	21	0.360 621	9.962 226	3	448	
553	9.601 622	18	9.639 400	20	0.360 600	9.962 223	3	447	
554	9.601 640	17	9.639 420	21	0.360 580	9.962 220	4	446	
555	9.601 657	18	9.639 441	21	0.360 559	9.962 216	3	445	
556	9.601 675	17	9.639 462	20	0.360 538	9.962 213	3	444	
557	9.601 692	17	9.639 482	21	0.360 518	9.962 210	4	443	
558	9.601 709	18	9.639 503	21	0.360 497	9.962 206	3	442	
559	9.601 727	17	9.639 524	20	0.360 476	9.962 203	3	441	
.560	9.601 744	18	9.639 544	21	0.360 456	9.962 200	4	.440	
561	9.601 762	17	9.639 565	21	0.360 435	9.962 196	3	439	
562	9.601 779	17	9.639 586	20	0.360 414	9.962 193	3	438	
563	9.601 796	18	9.639 606	21	0.360 394	9.962 190	3	437	
564	9.601 814	17	9.639 627	21	0.360 373	9.962 187	4	436	
565	9.601 831	17	9.639 648	20	0.360 352	9.962 183	3	435	
566	9.601 848	18	9.639 668	21	0.360 332	9.962 180	3	434	
567	9.601 866	17	9.639 689	21	0.360 311	9.962 177	4	433	
568	9.601 883	18	9.639 710	21	0.360 290	9.962 173	3	432	
569	9.601 901	17	9.639 731	20	0.360 269	9.962 170	3	431	
.570	9.601 918	17	9.639 751	21	0.360 249	9.962 167	4	.430	
571	9.601 935	18	9.639 772	21	0.360 228	9.962 163	3	429	
572	9.601 953	17	9.639 793	20	0.360 207	9.962 160	3	428	
573	9.601 970	17	9.639 813	21	0.360 187	9.962 157	4	427	
574	9.601 987	18	9.639 834	21	0.360 166	9.962 153	3	426	
575	9.602 005	17	9.639 855	20	0.360 145	9.962 150	3	425	
576	9.602 022	18	9.639 875	21	0.360 125	9.962 147	3	424	
577	9.602 040	17	9.639 896	21	0.360 104	9.962 144	4	423	
578	9.602 057	17	9.639 917	20	0.360 083	9.962 140	3	422	
579	9.602 074	18	9.639 937	21	0.360 063	9.962 137	3	421	
.580	9.602 092	17	9.639 958	21	0.360 042	9.962 134	4	.420	
581	9.602 109	17	9.639 979	20	0.360 021	9.962 130	3	419	
582	9.602 126	18	9.639 999	21	0.360 001	9.962 127	3	418	
583	9.602 144	17	9.640 020	21	0.359 980	9.962 124	4	417	
584	9.602 161	17	9.640 041	20	0.359 959	9.962 120	3	416	
585	9.602 178	18	9.640 061	21	0.359 939	9.962 117	3	415	
586	9.602 196	17	9.640 082	21	0.359 918	9.962 114	4	414	
587	9.602 213	18	9.640 103	20	0.359 897	9.962 110	3	413	
588	9.602 231	17	9.640 123	21	0.359 877	9.962 107	3	412	
589	9.602 248	17	9.640 144	21	0.359 856	9.962 104	3	411	
.590	9.602 265	18	9.640 165	20	0.359 835	9.962 101	4	.410	
591	9.602 283	17	9.640 185	21	0.359 815	9.962 097	3	409	
592	9.602 300	17	9.640 206	21	0.359 794	9.962 094	3	408	
593	9.602 317	18	9.640 227	20	0.359 773	9.962 091	4	407	
594	9.602 335	17	9.640 247	21	0.359 753	9.962 087	3	406	
595	9.602 352	17	9.640 268	21	0.359 732	9.962 084	3	405	
596	9.602 369	18	9.640 289	20	0.359 711	9.962 081	4	404	
597	9.602 387	17	9.640 309	21	0.359 691	9.962 077	3	403	
598	9.602 404	17	9.640 330	21	0.359 670	9.962 074	3	402	
599	9.602 421	18	9.640 351	20	0.359 649	9.962 071	4	401	
.600	9.602 439	17	9.640 371	21	0.359 629	9.962 067	3	.400	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.450 — 66°.400

23°.600 — 23°.650

23°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.602 439		9.640 371		0.359 629	9.962 067		.400	
601	9.602 456	17	9.640 392	21	0.359 608	9.962 064	3	399	
602	9.602 473	17	9.640 413	21	0.359 587	9.962 061	3	398	
603	9.602 491	18	9.640 433	20	0.359 567	9.962 057	4	397	
604	9.602 508	17	9.640 454	21	0.359 546	9.962 054	3	396	
605	9.602 526	18	9.640 475	21	0.359 525	9.962 051	3	395	
606	9.602 543	17	9.640 495	20	0.359 505	9.962 048	3	394	
607	9.602 560	17	9.640 516	21	0.359 484	9.962 044	4	393	
608	9.602 578	18	9.640 537	21	0.359 463	9.962 041	3	392	
609	9.602 595	17	9.640 557	20	0.359 443	9.962 038	3	391	
.610	9.602 612	17	9.640 578	21	0.359 422	9.962 034	4	.390	
		18		21			3		
611	9.602 630	17	9.640 599	21	0.359 401	9.962 031	3	389	
612	9.602 647	17	9.640 619	20	0.359 381	9.962 028	3	388	
613	9.602 664	17	9.640 640	21	0.359 360	9.962 024	4	387	
614	9.602 682	18	9.640 661	21	0.359 339	9.962 021	3	386	
615	9.602 699	17	9.640 681	20	0.359 319	9.962 018	3	385	
616	9.602 716	17	9.640 702	21	0.359 298	9.962 014	4	384	
		18		21			3		
617	9.602 734	17	9.640 723	21	0.359 277	9.962 011	3	383	
618	9.602 751	17	9.640 743	20	0.359 257	9.962 008	3	382	
619	9.602 768	17	9.640 764	21	0.359 236	9.962 004	4	381	
.620	9.602 786	18	9.640 784	20	0.359 216	9.962 001	3	.380	
		17		21			3		
621	9.602 803	17	9.640 805	21	0.359 195	9.961 998	3	379	
622	9.602 820	17	9.640 826	21	0.359 174	9.961 995	3	378	
623	9.602 838	18	9.640 846	20	0.359 154	9.961 991	4	377	
624	9.602 855	17	9.640 867	21	0.359 133	9.961 988	3	376	
625	9.602 872	17	9.640 888	21	0.359 112	9.961 985	3	375	
626	9.602 890	18	9.640 908	20	0.359 092	9.961 981	4	374	
627	9.602 907	17	9.640 929	21	0.359 071	9.961 978	3	373	
628	9.602 924	17	9.640 950	21	0.359 050	9.961 975	3	372	
629	9.602 942	18	9.640 970	20	0.359 030	9.961 971	4	371	
.630	9.602 959	17	9.640 991	21	0.359 009	9.961 968	3	.370	
		17		21			3		
631	9.602 976	17	9.641 012	21	0.358 988	9.961 965	3	369	
632	9.602 994	18	9.641 032	20	0.358 968	9.961 961	4	368	
633	9.603 011	17	9.641 053	21	0.358 947	9.961 958	3	367	
634	9.603 028	17	9.641 073	20	0.358 927	9.961 955	3	366	
635	9.603 046	18	9.641 094	21	0.358 906	9.961 951	4	365	
636	9.603 063	17	9.641 115	21	0.358 885	9.961 948	3	364	
637	9.603 080	17	9.641 135	20	0.358 865	9.961 945	3	363	
638	9.603 097	17	9.641 156	21	0.358 844	9.961 941	4	362	
639	9.603 115	18	9.641 177	21	0.358 823	9.961 938	3	361	
.640	9.603 132	17	9.641 197	20	0.358 803	9.961 935	3	.360	
		17		21			3		
641	9.603 149	17	9.641 218	21	0.358 782	9.961 932	3	359	
642	9.603 167	18	9.641 239	21	0.358 761	9.961 928	4	358	
643	9.603 184	17	9.641 259	20	0.358 741	9.961 925	3	357	
644	9.603 201	17	9.641 280	21	0.358 720	9.961 922	3	356	
645	9.603 219	18	9.641 300	20	0.358 700	9.961 918	4	355	
646	9.603 236	17	9.641 321	21	0.358 679	9.961 915	3	354	
647	9.603 253	17	9.641 342	21	0.358 658	9.961 912	3	353	
648	9.603 271	18	9.641 362	20	0.358 638	9.961 908	4	352	
649	9.603 288	17	9.641 383	21	0.358 617	9.961 905	3	351	
.650	9.603 305	17	9.641 404	21	0.358 596	9.961 902	3	.350	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.400 — 66°.350

23°.650 — 23°.700

23°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.603 305	18	9.641 404	20	0.358 596	9.961 902	4	.350	
651	9.603 323	17	9.641 424	21	0.358 576	9.961 898	3	349	
652	9.603 340	17	9.641 445	20	0.358 555	9.961 895	3	348	
653	9.603 357	17	9.641 465	21	0.358 535	9.961 892	3	347	
654	9.603 374	17	9.641 486	21	0.358 514	9.961 888	4	346	21
655	9.603 392	18	9.641 507	21	0.358 493	9.961 885	3	345	1 2.1
656	9.603 409	17	9.641 527	20	0.358 473	9.961 882	3	344	2 4.2
657	9.603 426	17	9.641 548	21	0.358 452	9.961 878	4	343	3 6.3
658	9.603 444	18	9.641 569	21	0.358 431	9.961 875	3	342	4 8.4
659	9.603 461	17	9.641 589	20	0.358 411	9.961 872	3	341	5 10.5
.660	9.603 478	17	9.641 610	21	0.358 390	9.961 868	4	.340	6 12.6
661	9.603 496	18	9.641 630	20	0.358 370	9.961 865	3	339	7 14.7
662	9.603 513	17	9.641 651	21	0.358 349	9.961 862	3	338	8 16.8
663	9.603 530	17	9.641 672	21	0.358 328	9.961 858	4	337	9 18.9
664	9.603 547	17	9.641 692	20	0.358 308	9.961 855	3	336	
665	9.603 565	18	9.641 713	21	0.358 287	9.961 852	3	335	20
666	9.603 582	17	9.641 734	21	0.358 266	9.961 849	3	334	1 2.0
667	9.603 599	17	9.641 754	20	0.358 246	9.961 845	4	333	2 4.0
668	9.603 617	18	9.641 775	21	0.358 225	9.961 842	3	332	3 6.0
669	9.603 634	17	9.641 795	20	0.358 205	9.961 839	3	331	4 8.0
.670	9.603 651	17	9.641 816	21	0.358 184	9.961 835	4	.330	5 10.0
671	9.603 669	18	9.641 837	21	0.358 163	9.961 832	3	329	6 12.0
672	9.603 686	17	9.641 857	20	0.358 143	9.961 829	3	328	7 14.0
673	9.603 703	17	9.641 878	21	0.358 122	9.961 825	4	327	8 16.0
674	9.603 720	17	9.641 898	20	0.358 102	9.961 822	3	326	9 18.0
675	9.603 738	18	9.641 919	21	0.358 081	9.961 819	3	325	
676	9.603 755	17	9.641 940	21	0.358 060	9.961 815	4	324	
677	9.603 772	17	9.641 960	20	0.358 040	9.961 812	3	323	18
678	9.603 790	18	9.641 981	21	0.358 019	9.961 809	3	322	1 1.8
679	9.603 807	17	9.642 002	21	0.357 998	9.961 805	4	321	2 3.6
.680	9.603 824	17	9.642 022	20	0.357 978	9.961 802	3	.320	3 5.4
681	9.603 841	17	9.642 043	21	0.357 957	9.961 799	3	319	4 7.2
682	9.603 859	18	9.642 063	20	0.357 937	9.961 795	4	318	5 9.0
683	9.603 876	17	9.642 084	21	0.357 916	9.961 792	3	317	6 10.8
684	9.603 893	17	9.642 105	21	0.357 895	9.961 789	3	316	7 12.6
685	9.603 911	18	9.642 125	20	0.357 875	9.961 785	4	315	8 14.4
686	9.603 928	17	9.642 146	21	0.357 854	9.961 782	3	314	9 16.2
687	9.603 945	17	9.642 166	20	0.357 834	9.961 779	3	313	
688	9.603 962	17	9.642 187	21	0.357 813	9.961 775	4	312	
689	9.603 980	18	9.642 208	21	0.357 792	9.961 772	3	311	17
.690	9.603 997	17	9.642 228	20	0.357 772	9.961 769	3	.310	1 1.7
691	9.604 014	17	9.642 249	21	0.357 751	9.961 765	4	309	2 3.4
692	9.604 031	17	9.642 269	20	0.357 731	9.961 762	3	308	3 5.1
693	9.604 049	18	9.642 290	21	0.357 710	9.961 759	3	307	4 6.8
694	9.604 066	17	9.642 311	21	0.357 689	9.961 755	4	306	5 8.5
695	9.604 083	17	9.642 331	20	0.357 669	9.961 752	3	305	6 10.2
696	9.604 101	18	9.642 352	21	0.357 648	9.961 749	3	304	7 11.9
697	9.604 118	17	9.642 372	20	0.357 628	9.961 745	4	303	8 13.6
698	9.604 135	17	9.642 393	21	0.357 607	9.961 742	3	302	9 15.3
699	9.604 152	17	9.642 414	21	0.357 586	9.961 739	3	301	
.700	9.604 170	18	9.642 434	20	0.357 566	9.961 735	4	.300	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

23°.700 — 23°.750

23°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.604 170		9.642 434		0.357 566	9.961 735		.300	
701	9.604 187	17	9.642 455	21	0.357 545	9.961 732	3	299	
702	9.604 204	17	9.642 475	20	0.357 525	9.961 729	3	298	
703	9.604 221	17	9.642 496	21	0.357 504	9.961 725	4	297	
704	9.604 239	18	9.642 517	21	0.357 483	9.961 722	3	296	21
705	9.604 256	17	9.642 537	20	0.357 463	9.961 719	3	295	1 2.1
706	9.604 273	17	9.642 558	21	0.357 442	9.961 716	3	294	2 4.2
707	9.604 290	17	9.642 578	20	0.357 422	9.961 712	4	293	3 6.3
708	9.604 308	18	9.642 599	21	0.357 401	9.961 709	3	292	4 8.4
709	9.604 325	17	9.642 619	20	0.357 381	9.961 706	3	291	5 10.5
.710	9.604 342	17	9.642 640	21	0.357 360	9.961 702	4	.290	6 12.6
		18		21			3	289	7 14.7
711	9.604 360	17	9.642 661	20	0.357 339	9.961 699	3	288	8 16.8
712	9.604 377	17	9.642 681	21	0.357 319	9.961 696	3	287	9 18.9
713	9.604 394	17	9.642 702	21	0.357 298	9.961 692	4	286	
714	9.604 411	17	9.642 722	20	0.357 278	9.961 689	3	285	20
715	9.604 429	18	9.642 743	21	0.357 257	9.961 686	3	284	1 2.0
716	9.604 446	17	9.642 764	21	0.357 236	9.961 682	4	283	2 4.0
717	9.604 463	17	9.642 784	20	0.357 216	9.961 679	3	282	3 6.0
718	9.604 480	17	9.642 805	21	0.357 195	9.961 676	3	281	4 8.0
719	9.604 498	18	9.642 825	20	0.357 175	9.961 672	4	280	5 10.0
.720	9.604 515	17	9.642 846	21	0.357 154	9.961 669	3	279	6 12.0
		17		21			3	278	7 14.0
721	9.604 532	17	9.642 867	20	0.357 133	9.961 666	4	277	8 16.0
722	9.604 549	17	9.642 887	21	0.357 113	9.961 662	3	276	9 18.0
723	9.604 567	18	9.642 908	21	0.357 092	9.961 659	3	275	
724	9.604 584	17	9.642 928	20	0.357 072	9.961 656	3	274	
725	9.604 601	17	9.642 949	21	0.357 051	9.961 652	4	273	18
726	9.604 618	17	9.642 969	20	0.357 031	9.961 649	3	272	1 1.8
727	9.604 636	18	9.642 990	21	0.357 010	9.961 646	3	271	2 3.6
728	9.604 653	17	9.643 011	21	0.356 989	9.961 642	4	270	3 5.4
729	9.604 670	17	9.643 031	20	0.356 969	9.961 639	3	269	4 7.2
.730	9.604 687	17	9.643 052	21	0.356 948	9.961 636	3	268	5 9.0
		18		20			4	267	6 10.8
731	9.604 705	17	9.643 072	21	0.356 928	9.961 632	3	266	7 12.6
732	9.604 722	17	9.643 093	20	0.356 907	9.961 629	3	265	8 14.4
733	9.604 739	17	9.643 113	21	0.356 887	9.961 626	3	264	9 16.2
734	9.604 756	17	9.643 134	21	0.356 866	9.961 622	4	263	
735	9.604 773	17	9.643 155	21	0.356 845	9.961 619	3	262	
736	9.604 791	18	9.643 175	20	0.356 825	9.961 616	3	261	
737	9.604 808	17	9.643 196	21	0.356 804	9.961 612	4	260	
738	9.604 825	17	9.643 216	20	0.356 784	9.961 609	3	259	
739	9.604 842	17	9.643 237	21	0.356 763	9.961 606	3	258	
.740	9.604 860	18	9.643 257	20	0.356 743	9.961 602	4	257	17
		17		21			3	256	1 1.7
741	9.604 877	17	9.643 278	21	0.356 722	9.961 599	3	255	2 3.4
742	9.604 894	17	9.643 299	21	0.356 701	9.961 596	3	254	3 5.1
743	9.604 911	17	9.643 319	20	0.356 681	9.961 592	4	253	4 6.8
744	9.604 929	18	9.643 340	21	0.356 660	9.961 589	3	252	5 8.5
745	9.604 946	17	9.643 360	20	0.356 640	9.961 586	3	251	6 10.2
746	9.604 963	17	9.643 381	21	0.356 619	9.961 582	4	250	7 11.9
747	9.604 980	17	9.643 401	20	0.356 599	9.961 579	3	249	8 13.6
748	9.604 998	18	9.643 422	21	0.356 578	9.961 576	3	248	9 15.3
749	9.605 015	17	9.643 443	21	0.356 557	9.961 572	4	247	
.750	9.605 032	17	9.643 463	20	0.356 537	9.961 569	3	.250	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.300 — 66°.250

23°.750 — 23°.800

23°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.605 032		9.643 463		0.356 537	9.961 569		.250	
751	9.605 049	17	9.643 484	21	0.356 516	9.961 566	3	249	
752	9.605 066	17	9.643 504	20	0.356 496	9.961 562	4	248	
753	9.605 084	18	9.643 525	21	0.356 475	9.961 559	3	247	
		17		20			3		21
754	9.605 101	17	9.643 545	21	0.356 455	9.961 556	4	246	1 2.1
755	9.605 118	17	9.643 566	20	0.356 434	9.961 552	3	245	2 4.2
756	9.605 135	18	9.643 586	21	0.356 414	9.961 549	3	244	3 6.3
		17		21			3		4 8.4
757	9.605 153	17	9.643 607	21	0.356 393	9.961 546	4	243	5 10.5
758	9.605 170	17	9.643 628	20	0.356 372	9.961 542	3	242	6 12.6
759	9.605 187	17	9.643 648	21	0.356 352	9.961 539	3	241	7 14.7
		17		20			4		8 16.8
.760	9.605 204	17	9.643 669	21	0.356 331	9.961 536	3	.240	9 18.9
		17		20			4		
761	9.605 221	18	9.643 689	21	0.356 311	9.961 532	3	239	
762	9.605 239	17	9.643 710	20	0.356 290	9.961 529	3	238	
763	9.605 256	17	9.643 730	21	0.356 270	9.961 526	4	237	
		17		20			3		20
764	9.605 273	17	9.643 751	21	0.356 249	9.961 522	4	236	1 2.0
765	9.605 290	17	9.643 771	20	0.356 229	9.961 519	3	235	2 4.0
766	9.605 308	18	9.643 792	21	0.356 208	9.961 516	3	234	3 6.0
		17		21			4		4 8.0
767	9.605 325	17	9.643 813	20	0.356 187	9.961 512	3	233	5 10.0
768	9.605 342	17	9.643 833	21	0.356 167	9.961 509	4	232	6 12.0
769	9.605 359	17	9.643 854	21	0.356 146	9.961 506	3	231	7 14.0
		17		20			4		8 16.0
.770	9.605 376	18	9.643 874	21	0.356 126	9.961 502	3	.230	9 18.0
		17		20			4		
771	9.605 394	17	9.643 895	21	0.356 105	9.961 499	3	229	
772	9.605 411	17	9.643 915	20	0.356 085	9.961 495	4	228	
773	9.605 428	17	9.643 936	21	0.356 064	9.961 492	3	227	
		17		20			3		
774	9.605 445	17	9.643 956	21	0.356 044	9.961 489	4	226	
775	9.605 462	17	9.643 977	20	0.356 023	9.961 485	3	225	
776	9.605 480	18	9.643 997	21	0.356 003	9.961 482	4	224	
		17		20			3		
777	9.605 497	17	9.644 018	21	0.355 982	9.961 479	4	223	18
778	9.605 514	17	9.644 039	21	0.355 961	9.961 475	3	222	
779	9.605 531	17	9.644 059	20	0.355 941	9.961 472	4	221	1 1.8
		17		21			3		2 3.6
.780	9.605 548	18	9.644 080	20	0.355 920	9.961 469	4	.220	3 5.4
		17		21			3		4 7.2
781	9.605 566	17	9.644 100	21	0.355 900	9.961 465	4	219	5 9.0
782	9.605 583	17	9.644 121	20	0.355 879	9.961 462	3	218	6 10.8
783	9.605 600	17	9.644 141	21	0.355 859	9.961 459	4	217	7 12.6
		17		20			3		8 14.4
784	9.605 617	17	9.644 162	21	0.355 838	9.961 455	4	216	9 16.2
785	9.605 634	17	9.644 182	20	0.355 818	9.961 452	3	215	
786	9.605 652	18	9.644 203	21	0.355 797	9.961 449	4	214	
		17		20			3		
787	9.605 669	17	9.644 223	21	0.355 777	9.961 445	4	213	
788	9.605 686	17	9.644 244	20	0.355 756	9.961 442	3	212	
789	9.605 703	17	9.644 264	21	0.355 736	9.961 439	4	211	
		17		20			3		17
.790	9.605 720	18	9.644 285	21	0.355 715	9.961 435	4	.210	1 1.7
		17		20			3		2 3.4
791	9.605 738	17	9.644 306	21	0.355 694	9.961 432	4	209	3 5.1
792	9.605 755	17	9.644 326	20	0.355 674	9.961 429	3	208	4 6.8
793	9.605 772	17	9.644 347	21	0.355 653	9.961 425	4	207	5 8.5
		17		20			3		6 10.2
794	9.605 789	17	9.644 367	21	0.355 633	9.961 422	4	206	7 11.9
795	9.605 806	17	9.644 388	20	0.355 612	9.961 419	3	205	8 13.6
796	9.605 824	18	9.644 408	21	0.355 592	9.961 415	4	204	9 15.3
		17		20			3		
797	9.605 841	17	9.644 429	21	0.355 571	9.961 412	4	203	
798	9.605 858	17	9.644 449	20	0.355 551	9.961 409	3	202	
799	9.605 875	17	9.644 470	21	0.355 530	9.961 405	4	201	
		17		20			3		
.800	9.605 892	17	9.644 490	21	0.355 510	9.961 402	4	.200	
		17		20			3		
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.250 — 66°.200

23°.800 — 23°.850

23°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.605 892		9.644 490		0.355 510	9.961 402		.200	
801	9.605 909	17	9.644 511	21	0.355 489	9.961 399	3	199	
802	9.605 927	18	9.644 531	20	0.355 469	9.961 395	4	198	
803	9.605 944	17	9.644 552	21	0.355 448	9.961 392	3	197	
804	9.605 961	17	9.644 572	20	0.355 428	9.961 389	3	196	21
805	9.605 978	17	9.644 593	21	0.355 407	9.961 385	4	195	1 2.1
806	9.605 995	17	9.644 614	21	0.355 386	9.961 382	3	194	2 4.2
807	9.606 013	18	9.644 634	20	0.355 366	9.961 379	3	193	3 6.3
808	9.606 030	17	9.644 655	21	0.355 345	9.961 375	4	192	4 8.4
809	9.606 047	17	9.644 675	20	0.355 325	9.961 372	3	191	5 10.5
.810	9.606 064	17	9.644 696	21	0.355 304	9.961 369	3	.190	6 12.6
811	9.606 081	17	9.644 716	20	0.355 284	9.961 365	4	189	7 14.7
812	9.606 098	17	9.644 737	21	0.355 263	9.961 362	3	188	8 16.8
813	9.606 116	18	9.644 757	20	0.355 243	9.961 358	4	187	9 18.9
814	9.606 133	17	9.644 778	21	0.355 222	9.961 355	3	186	
815	9.606 150	17	9.644 798	20	0.355 202	9.961 352	3	185	20
816	9.606 167	17	9.644 819	21	0.355 181	9.961 348	4	184	1 2.0
817	9.606 184	17	9.644 839	20	0.355 161	9.961 345	3	183	2 4.0
818	9.606 202	18	9.644 860	21	0.355 140	9.961 342	3	182	3 6.0
819	9.606 219	17	9.644 880	20	0.355 120	9.961 338	4	181	4 8.0
.820	9.606 236	17	9.644 901	21	0.355 099	9.961 335	3	.180	5 10.0
821	9.606 253	17	9.644 921	20	0.355 079	9.961 332	3	179	6 12.0
822	9.606 270	17	9.644 942	21	0.355 058	9.961 328	4	178	7 14.0
823	9.606 287	17	9.644 962	20	0.355 038	9.961 325	3	177	8 16.0
824	9.606 305	18	9.644 983	21	0.355 017	9.961 322	3	176	9 18.0
825	9.606 322	17	9.645 003	20	0.354 997	9.961 318	4	175	
826	9.606 339	17	9.645 024	21	0.354 976	9.961 315	3	174	
827	9.606 356	17	9.645 044	20	0.354 956	9.961 312	3	173	18
828	9.606 373	17	9.645 065	21	0.354 935	9.961 308	4	172	1 1.8
829	9.606 390	17	9.645 085	20	0.354 915	9.961 305	3	171	2 3.6
.830	9.606 408	18	9.645 106	21	0.354 894	9.961 302	3	.170	3 5.4
831	9.606 425	17	9.645 126	20	0.354 874	9.961 298	4	169	4 7.2
832	9.606 442	17	9.645 147	21	0.354 853	9.961 295	3	168	5 9.0
833	9.606 459	17	9.645 167	20	0.354 833	9.961 292	3	167	6 10.8
834	9.606 476	17	9.645 188	21	0.354 812	9.961 288	4	166	7 12.6
835	9.606 493	17	9.645 208	20	0.354 792	9.961 285	3	165	8 14.4
836	9.606 510	17	9.645 229	21	0.354 771	9.961 281	4	164	9 16.2
837	9.606 528	18	9.645 249	20	0.354 751	9.961 278	3	163	
838	9.606 545	17	9.645 270	21	0.354 730	9.961 275	3	162	
839	9.606 562	17	9.645 290	20	0.354 710	9.961 271	4	161	
.840	9.606 579	17	9.645 311	21	0.354 689	9.961 268	3	.160	17
841	9.606 596	17	9.645 331	20	0.354 669	9.961 265	3	159	1 1.7
842	9.606 613	17	9.645 352	21	0.354 648	9.961 261	4	158	2 3.4
843	9.606 631	18	9.645 372	20	0.354 628	9.961 258	3	157	3 5.1
844	9.606 648	17	9.645 393	21	0.354 607	9.961 255	3	156	4 6.8
845	9.606 665	17	9.645 413	20	0.354 587	9.961 251	4	155	5 8.5
846	9.606 682	17	9.645 434	21	0.354 566	9.961 248	3	154	6 10.2
847	9.606 699	17	9.645 454	20	0.354 546	9.961 245	3	153	7 11.9
848	9.606 716	17	9.645 475	21	0.354 525	9.961 241	4	152	8 13.6
849	9.606 733	17	9.645 495	20	0.354 505	9.961 238	3	151	9 15.3
.850	9.606 751	18	9.645 516	21	0.354 484	9.961 235	3	.150	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.200 — 66°.150

23°.850 — 23°.900

23°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.606 751		9.645 516		0.354 484	9.961 235		.150	
851	9.606 768	17	9.645 536	20	0.354 464	9.961 231	4	149	
852	9.606 785	17	9.645 557	21	0.354 443	9.961 228	3	148	
853	9.606 802	17	9.645 577	20	0.354 423	9.961 225	3	147	
854	9.606 819	17	9.645 598	21	0.354 402	9.961 221	4	146	
855	9.606 836	17	9.645 618	20	0.354 382	9.961 218	3	145	
856	9.606 853	17	9.645 639	21	0.354 361	9.961 214	4	144	
857	9.606 871	18	9.645 659	20	0.354 341	9.961 211	3	143	
858	9.606 888	17	9.645 680	21	0.354 320	9.961 208	3	142	
859	9.606 905	17	9.645 700	20	0.354 300	9.961 204	4	141	
.860	9.606 922	17	9.645 721	21	0.354 279	9.961 201	3	.140	
861	9.606 939	17	9.645 741	20	0.354 259	9.961 198	3	139	
862	9.606 956	17	9.645 762	21	0.354 238	9.961 194	4	138	
863	9.606 973	17	9.645 782	20	0.354 218	9.961 191	3	137	
864	9.606 991	18	9.645 803	21	0.354 197	9.961 188	3	136	
865	9.607 008	17	9.645 823	20	0.354 177	9.961 184	4	135	
866	9.607 025	17	9.645 844	21	0.354 156	9.961 181	3	134	
867	9.607 042	17	9.645 864	20	0.354 136	9.961 178	3	133	
868	9.607 059	17	9.645 885	21	0.354 115	9.961 174	4	132	
869	9.607 076	17	9.645 905	20	0.354 095	9.961 171	3	131	
.870	9.607 093	17	9.645 926	21	0.354 074	9.961 168	3	.130	
871	9.607 110	17	9.645 946	20	0.354 054	9.961 164	4	129	
872	9.607 128	18	9.645 967	21	0.354 033	9.961 161	3	128	
873	9.607 145	17	9.645 987	20	0.354 013	9.961 157	4	127	
874	9.607 162	17	9.646 008	21	0.353 992	9.961 154	3	126	
875	9.607 179	17	9.646 028	20	0.353 972	9.961 151	3	125	
876	9.607 196	17	9.646 049	21	0.353 951	9.961 147	4	124	
877	9.607 213	17	9.646 069	20	0.353 931	9.961 144	3	123	
878	9.607 230	17	9.646 090	21	0.353 910	9.961 141	3	122	
879	9.607 247	17	9.646 110	20	0.353 890	9.961 137	4	121	
.880	9.607 265	18	9.646 131	21	0.353 869	9.961 134	3	.120	
881	9.607 282	17	9.646 151	20	0.353 849	9.961 131	3	119	
882	9.607 299	17	9.646 172	21	0.353 828	9.961 127	4	118	
883	9.607 316	17	9.646 192	20	0.353 808	9.961 124	3	117	
884	9.607 333	17	9.646 212	20	0.353 788	9.961 121	3	116	
885	9.607 350	17	9.646 233	21	0.353 767	9.961 117	4	115	
886	9.607 367	17	9.646 253	20	0.353 747	9.961 114	3	114	
887	9.607 384	17	9.646 274	21	0.353 726	9.961 111	3	113	
888	9.607 402	18	9.646 294	20	0.353 706	9.961 107	4	112	
889	9.607 419	17	9.646 315	21	0.353 685	9.961 104	3	111	
.890	9.607 436	17	9.646 335	20	0.353 665	9.961 100	4	.110	
891	9.607 453	17	9.646 356	21	0.353 644	9.961 097	3	109	
892	9.607 470	17	9.646 376	20	0.353 624	9.961 094	3	108	
893	9.607 487	17	9.646 397	21	0.353 603	9.961 090	4	107	
894	9.607 504	17	9.646 417	20	0.353 583	9.961 087	3	106	
895	9.607 521	17	9.646 438	21	0.353 562	9.961 084	3	105	
896	9.607 538	17	9.646 458	20	0.353 542	9.961 080	4	104	
897	9.607 556	18	9.646 479	21	0.353 521	9.961 077	3	103	
898	9.607 573	17	9.646 499	20	0.353 501	9.961 074	3	102	
899	9.607 590	17	9.646 520	21	0.353 480	9.961 070	4	101	
.900	9.607 607	17	9.646 540	20	0.353 460	9.961 067	3	.100	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.150 — 66°.100

23°.900 — 23°.950

23°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.607 607		9.646 540		0.353 460	9.961 067		.100	
901	9.607 624	17	9.646 560	20	0.353 440	9.961 063	4	099	
902	9.607 641	17	9.646 581	21	0.353 419	9.961 060	3	098	
903	9.607 658	17	9.646 601	20	0.353 399	9.961 057	3	097	
904	9.607 675	17	9.646 622	21	0.353 378	9.961 053	4	096	21
905	9.607 692	17	9.646 642	20	0.353 358	9.961 050	3	095	1 2.1
906	9.607 709	17	9.646 663	21	0.353 337	9.961 047	3	094	2 4.2
907	9.607 727	18	9.646 683	20	0.353 317	9.961 043	4	093	3 6.3
908	9.607 744	17	9.646 704	21	0.353 296	9.961 040	3	092	4 8.4
909	9.607 761	17	9.646 724	20	0.353 276	9.961 037	3	091	5 10.5
.910	9.607 778	17	9.646 745	21	0.353 255	9.961 033	4	.090	6 12.6
911	9.607 795	17	9.646 765	20	0.353 235	9.961 030	3	089	7 14.7
912	9.607 812	17	9.646 785	20	0.353 215	9.961 027	3	088	8 16.8
913	9.607 829	17	9.646 806	21	0.353 194	9.961 023	4	087	9 18.9
914	9.607 846	17	9.646 826	20	0.353 174	9.961 020	3	086	
915	9.607 863	17	9.646 847	21	0.353 153	9.961 016	4	085	20
916	9.607 880	17	9.646 867	20	0.353 133	9.961 013	3	084	1 2.0
917	9.607 897	17	9.646 888	21	0.353 112	9.961 010	3	083	2 4.0
918	9.607 915	18	9.646 908	20	0.353 092	9.961 006	4	082	3 6.0
919	9.607 932	17	9.646 929	21	0.353 071	9.961 003	3	081	4 8.0
.920	9.607 949	17	9.646 949	20	0.353 051	9.961 000	3	.080	5 10.0
921	9.607 966	17	9.646 970	21	0.353 030	9.960 996	4	079	6 12.0
922	9.607 983	17	9.646 990	20	0.353 010	9.960 993	3	078	7 14.0
923	9.608 000	17	9.647 010	20	0.352 990	9.960 990	3	077	8 16.0
924	9.608 017	17	9.647 031	21	0.352 969	9.960 986	4	076	9 18.0
925	9.608 034	17	9.647 051	20	0.352 949	9.960 983	3	075	
926	9.608 051	17	9.647 072	21	0.352 928	9.960 979	4	074	
927	9.608 068	17	9.647 092	20	0.352 908	9.960 976	3	073	18
928	9.608 085	17	9.647 113	21	0.352 887	9.960 973	3	072	1 1.8
929	9.608 103	18	9.647 133	20	0.352 867	9.960 969	4	071	2 3.6
.930	9.608 120	17	9.647 154	21	0.352 846	9.960 966	3	.070	3 5.4
931	9.608 137	17	9.647 174	20	0.352 826	9.960 963	3	069	4 7.2
932	9.608 154	17	9.647 194	20	0.352 806	9.960 959	4	068	5 9.0
933	9.608 171	17	9.647 215	21	0.352 785	9.960 956	3	067	6 10.8
934	9.608 188	17	9.647 235	20	0.352 765	9.960 953	3	066	7 12.6
935	9.608 205	17	9.647 256	21	0.352 744	9.960 949	4	065	8 14.4
936	9.608 222	17	9.647 276	20	0.352 724	9.960 946	3	064	9 16.2
937	9.608 239	17	9.647 297	21	0.352 703	9.960 942	4	063	
938	9.608 256	17	9.647 317	20	0.352 683	9.960 939	3	062	
939	9.608 273	17	9.647 338	21	0.352 662	9.960 936	3	061	
.940	9.608 290	17	9.647 358	20	0.352 642	9.960 932	4	.060	17
941	9.608 307	17	9.647 378	20	0.352 622	9.960 929	3	059	1 1.7
942	9.608 325	18	9.647 399	21	0.352 601	9.960 926	3	058	2 3.4
943	9.608 342	17	9.647 419	20	0.352 581	9.960 922	4	057	3 5.1
944	9.608 359	17	9.647 440	21	0.352 560	9.960 919	3	056	4 6.8
945	9.608 376	17	9.647 460	20	0.352 540	9.960 916	3	055	5 8.5
946	9.608 393	17	9.647 481	21	0.352 519	9.960 912	4	054	6 10.2
947	9.608 410	17	9.647 501	20	0.352 499	9.960 909	3	053	7 11.9
948	9.608 427	17	9.647 521	20	0.352 479	9.960 905	4	052	8 13.6
949	9.608 444	17	9.647 542	21	0.352 458	9.960 902	3	051	9 15.3
.950	9.608 461	17	9.647 562	20	0.352 438	9.960 899	3	.050	
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.100 — 66°.050

23°.950 — 24°.000

23°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.608 461		9.647 562		0.352 438	9.960 899		.050	
951	9.608 478	17	9.647 583	21	0.352 417	9.960 895	4	049	
952	9.608 495	17	9.647 603	20	0.352 397	9.960 892	3	048	
953	9.608 512	17	9.647 624	21	0.352 376	9.960 889	3	047	
		17		20			4		21
954	9.608 529	17	9.647 644	20	0.352 356	9.960 885	4	046	
955	9.608 546	17	9.647 665	21	0.352 335	9.960 882	3	045	1 2.1
956	9.608 563	17	9.647 685	20	0.352 315	9.960 878	4	044	2 4.2
		17		20			3		3 6.3
957	9.608 580	18	9.647 705	21	0.352 295	9.960 875	3	043	4 8.4
958	9.608 598	17	9.647 726	20	0.352 274	9.960 872	3	042	5 10.5
959	9.608 615	17	9.647 746	20	0.352 254	9.960 868	4	041	6 12.6
		17		21			3		7 14.7
.960	9.608 632	17	9.647 767	20	0.352 233	9.960 865	3	.040	8 16.8
		17		20			3		9 18.9
961	9.608 649	17	9.647 787	20	0.352 213	9.960 862	4	039	
962	9.608 666	17	9.647 807	21	0.352 193	9.960 858	4	038	
963	9.608 683	17	9.647 828	21	0.352 172	9.960 855	3	037	
		17		20			3		20
964	9.608 700	17	9.647 848	20	0.352 152	9.960 852	4	036	
965	9.608 717	17	9.647 869	21	0.352 131	9.960 848	4	035	
966	9.608 734	17	9.647 889	20	0.352 111	9.960 845	3	034	
		17		21			4		1 2.0
967	9.608 751	17	9.647 910	20	0.352 090	9.960 841	3	033	2 4.0
968	9.608 768	17	9.647 930	20	0.352 070	9.960 838	3	032	3 6.0
969	9.608 785	17	9.647 950	20	0.352 050	9.960 835	3	031	4 8.0
		17		21			4		5 10.0
.970	9.608 802	17	9.647 971	20	0.352 029	9.960 831	3	.030	6 12.0
		17		21			3		7 14.0
971	9.608 819	17	9.647 991	21	0.352 009	9.960 828	3	029	8 16.0
972	9.608 836	17	9.648 012	20	0.351 988	9.960 825	4	028	9 18.0
973	9.608 853	17	9.648 032	21	0.351 968	9.960 821	3	027	
		17		20			3		
974	9.608 870	17	9.648 053	20	0.351 947	9.960 818	4	026	
975	9.608 887	17	9.648 073	20	0.351 927	9.960 814	3	025	
976	9.608 904	17	9.648 093	21	0.351 907	9.960 811	3	024	
		18		21			3		18
977	9.608 922	17	9.648 114	20	0.351 886	9.960 808	4	023	
978	9.608 939	17	9.648 134	21	0.351 866	9.960 804	3	022	
979	9.608 956	17	9.648 155	20	0.351 845	9.960 801	3	021	
		17		20			3		1 1.8
.980	9.608 973	17	9.648 175	20	0.351 825	9.960 798	4	.020	2 3.6
		17		21			4		3 5.4
981	9.608 990	17	9.648 195	21	0.351 805	9.960 794	3	019	4 7.2
982	9.609 007	17	9.648 216	20	0.351 784	9.960 791	3	018	5 9.0
983	9.609 024	17	9.648 236	21	0.351 764	9.960 788	3	017	6 10.8
		17		21			4		7 12.6
984	9.609 041	17	9.648 257	20	0.351 743	9.960 784	3	016	8 14.4
985	9.609 058	17	9.648 277	20	0.351 723	9.960 781	4	015	9 16.2
986	9.609 075	17	9.648 297	21	0.351 703	9.960 777	3	014	
		17		20			3		
987	9.609 092	17	9.648 318	20	0.351 682	9.960 774	3	013	
988	9.609 109	17	9.648 338	21	0.351 662	9.960 771	4	012	
989	9.609 126	17	9.648 359	20	0.351 641	9.960 767	3	011	
		17		20			3		17
.990	9.609 143	17	9.648 379	21	0.351 621	9.960 764	3	.010	1 1.7
		17		20			3		2 3.4
991	9.609 160	17	9.648 400	20	0.351 600	9.960 761	4	009	3 5.1
992	9.609 177	17	9.648 420	20	0.351 580	9.960 757	3	008	4 6.8
993	9.609 194	17	9.648 440	21	0.351 560	9.960 754	4	007	5 8.5
		17		20			4		6 10.2
994	9.609 211	17	9.648 461	20	0.351 539	9.960 750	3	006	7 11.9
995	9.609 228	17	9.648 481	21	0.351 519	9.960 747	3	005	8 13.6
996	9.609 245	17	9.648 502	20	0.351 498	9.960 744	4	004	9 15.3
		17		20			4		
997	9.609 262	17	9.648 522	20	0.351 478	9.960 740	3	003	
998	9.609 279	17	9.648 542	21	0.351 458	9.960 737	3	002	
999	9.609 296	17	9.648 563	20	0.351 437	9.960 734	4	001	
		17		20			4		
*.000	9.609 313	17	9.648 583	21	0.351 417	9.960 730	3	.000	
		17		20			3		
	cos	d	cotg	d	tang	sin	d	66°	P.P.

66°.050 — 66°.000

24°.000 — 24°.050

24°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.609 313		9.648 583		0.351 417	9.960 730		*.000	
001	9.609 330	17	9.648 604	21	0.351 396	9.960 727	3	999	
002	9.609 347	17	9.648 624	20	0.351 376	9.960 723	4	998	
003	9.609 364	17	9.648 644	20	0.351 356	9.960 720	3	997	
004	9.609 381	17	9.648 665	21	0.351 335	9.960 717	3	996	21
005	9.609 398	17	9.648 685	20	0.351 315	9.960 713	4	995	1 2.1
006	9.609 415	17	9.648 706	21	0.351 294	9.960 710	3	994	2 4.2
007	9.609 432	17	9.648 726	20	0.351 274	9.960 707	3	993	3 6.3
008	9.609 449	17	9.648 746	20	0.351 254	9.960 703	4	992	4 8.4
009	9.609 466	17	9.648 767	21	0.351 233	9.960 700	3	991	5 10.5
.010	9.609 484	18	9.648 787	20	0.351 213	9.960 696	4	.990	6 12.6
011	9.609 501	17	9.648 807	20	0.351 193	9.960 693	3	989	7 14.7
012	9.609 518	17	9.648 828	21	0.351 172	9.960 690	3	988	8 16.8
013	9.609 535	17	9.648 848	20	0.351 152	9.960 686	4	987	9 18.9
014	9.609 552	17	9.648 869	21	0.351 131	9.960 683	3	986	
015	9.609 569	17	9.648 889	20	0.351 111	9.960 680	3	985	20
016	9.609 586	17	9.648 909	20	0.351 091	9.960 676	4	984	1 2.0
017	9.609 603	17	9.648 930	21	0.351 070	9.960 673	3	983	2 4.0
018	9.609 620	17	9.648 950	20	0.351 050	9.960 669	4	982	3 6.0
019	9.609 637	17	9.648 971	21	0.351 029	9.960 666	3	981	4 8.0
.020	9.609 654	17	9.648 991	20	0.351 009	9.960 663	3	.980	5 10.0
021	9.609 671	17	9.649 011	20	0.350 989	9.960 659	4	979	6 12.0
022	9.609 688	17	9.649 032	21	0.350 968	9.960 656	3	978	7 14.0
023	9.609 705	17	9.649 052	20	0.350 948	9.960 653	3	977	8 16.0
024	9.609 722	17	9.649 073	21	0.350 927	9.960 649	4	976	9 18.0
025	9.609 739	17	9.649 093	20	0.350 907	9.960 646	3	975	
026	9.609 756	17	9.649 113	20	0.350 887	9.960 642	4	974	
027	9.609 773	17	9.649 134	21	0.350 866	9.960 639	3	973	18
028	9.609 790	17	9.649 154	20	0.350 846	9.960 636	3	972	1 1.8
029	9.609 807	17	9.649 174	20	0.350 826	9.960 632	4	971	2 3.6
.030	9.609 824	17	9.649 195	21	0.350 805	9.960 629	3	.970	3 5.4
031	9.609 841	17	9.649 215	20	0.350 785	9.960 625	4	969	4 7.2
032	9.609 858	17	9.649 236	21	0.350 764	9.960 622	3	968	5 9.0
033	9.609 875	17	9.649 256	20	0.350 744	9.960 619	3	967	6 10.8
034	9.609 892	17	9.649 276	20	0.350 724	9.960 615	4	966	7 12.6
035	9.609 909	17	9.649 297	21	0.350 703	9.960 612	3	965	8 14.4
036	9.609 926	17	9.649 317	20	0.350 683	9.960 609	3	964	9 16.2
037	9.609 943	17	9.649 337	20	0.350 663	9.960 605	4	963	
038	9.609 960	17	9.649 358	21	0.350 642	9.960 602	3	962	
039	9.609 977	17	9.649 378	20	0.350 622	9.960 598	4	961	
.040	9.609 994	17	9.649 399	21	0.350 601	9.960 595	3	.960	17
041	9.610 011	17	9.649 419	20	0.350 581	9.960 592	3	959	1 1.7
042	9.610 028	17	9.649 439	20	0.350 561	9.960 588	4	958	2 3.4
043	9.610 045	17	9.649 460	21	0.350 540	9.960 585	3	957	3 5.1
044	9.610 062	17	9.649 480	20	0.350 520	9.960 582	3	956	4 6.8
045	9.610 079	17	9.649 500	20	0.350 500	9.960 578	4	955	5 8.5
046	9.610 096	17	9.649 521	21	0.350 479	9.960 575	3	954	6 10.2
047	9.610 113	17	9.649 541	20	0.350 459	9.960 571	4	953	7 11.9
048	9.610 130	17	9.649 562	21	0.350 438	9.960 568	3	952	8 13.6
049	9.610 147	17	9.649 582	20	0.350 418	9.960 565	3	951	9 15.3
.050	9.610 164	17	9.649 602	20	0.350 398	9.960 561	4	.950	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

24°.050 — 24°.100

24°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.610 164		9.649 602		0.350 398	9.960 561		.950	
051	9.610 181	17	9.649 623	21	0.350 377	9.960 558	3	949	
052	9.610 198	17	9.649 643	20	0.350 357	9.960 554	4	948	
053	9.610 214	16	9.649 663	20	0.350 337	9.960 551	3	947	
		17		21			3		21
054	9.610 231	17	9.649 684	20	0.350 316	9.960 548	4	946	1 2.1
055	9.610 248	17	9.649 704	21	0.350 296	9.960 544	3	945	2 4.2
056	9.610 265	17	9.649 725	20	0.350 275	9.960 541	3	944	3 6.3
		17		20			3		4 8.4
057	9.610 282	17	9.649 745	20	0.350 255	9.960 538	4	943	5 10.5
058	9.610 299	17	9.649 765	21	0.350 235	9.960 534	3	942	6 12.6
059	9.610 316	17	9.649 786	20	0.350 214	9.960 531	4	941	7 14.7
		17		20			3		8 16.8
.060	9.610 333		9.649 806		0.350 194	9.960 527		.940	9 18.9
		17		20			3		
061	9.610 350	17	9.649 826	21	0.350 174	9.960 524	3	939	
062	9.610 367	17	9.649 847	20	0.350 153	9.960 521	4	938	
063	9.610 384	17	9.649 867	20	0.350 133	9.960 517	3	937	
		17		20			3		20
064	9.610 401	17	9.649 887	21	0.350 113	9.960 514	4	936	1 2.0
065	9.610 418	17	9.649 908	20	0.350 092	9.960 510	3	935	2 4.0
066	9.610 435	17	9.649 928	20	0.350 072	9.960 507	3	934	3 6.0
		17		20			3		4 8.0
067	9.610 452	17	9.649 948	21	0.350 052	9.960 504	4	933	5 10.0
068	9.610 469	17	9.649 969	20	0.350 031	9.960 500	3	932	6 12.0
069	9.610 486	17	9.649 989	21	0.350 011	9.960 497	4	931	7 14.0
		17		20			3		8 16.0
.070	9.610 503		9.650 010		0.349 990	9.960 494		.930	9 18.0
		17		20			4		
071	9.610 520	17	9.650 030	20	0.349 970	9.960 490	3	929	
072	9.610 537	17	9.650 050	21	0.349 950	9.960 487	4	928	
073	9.610 554	17	9.650 071	20	0.349 929	9.960 483	3	927	
		17		20			3		
074	9.610 571	17	9.650 091	20	0.349 909	9.960 480	3	926	
075	9.610 588	17	9.650 111	21	0.349 889	9.960 477	4	925	
076	9.610 605	17	9.650 132	20	0.349 868	9.960 473	3	924	
		17		20			3		17
077	9.610 622	17	9.650 152	20	0.349 848	9.960 470	4	923	1 1.7
078	9.610 639	17	9.650 172	21	0.349 828	9.960 466	3	922	2 3.4
079	9.610 656	17	9.650 193	20	0.349 807	9.960 463	4	921	3 5.1
		17		20			3		4 6.8
.080	9.610 673		9.650 213		0.349 787	9.960 460		.920	5 8.5
		17		20			4		6 10.2
081	9.610 690	17	9.650 233	21	0.349 767	9.960 456	3	919	7 11.9
082	9.610 707	17	9.650 254	20	0.349 746	9.960 453	4	918	8 13.6
083	9.610 724	17	9.650 274	20	0.349 726	9.960 450	3	917	9 15.3
		17		20			4		
084	9.610 741	17	9.650 294	21	0.349 706	9.960 446	3	916	
085	9.610 758	16	9.650 315	20	0.349 685	9.960 443	4	915	
086	9.610 774	17	9.650 335	20	0.349 665	9.960 439	3	914	
		17		20			3		
087	9.610 791	17	9.650 355	21	0.349 645	9.960 436	4	913	
088	9.610 808	17	9.650 376	20	0.349 624	9.960 433	3	912	
089	9.610 825	17	9.650 396	20	0.349 604	9.960 429	4	911	
		17		20			3		16
.090	9.610 842		9.650 416		0.349 584	9.960 426		.910	1 1.6
		17		21			4		2 3.2
091	9.610 859	17	9.650 437	20	0.349 563	9.960 422	3	909	3 4.8
092	9.610 876	17	9.650 457	21	0.349 543	9.960 419	3	908	4 6.4
093	9.610 893	17	9.650 478	20	0.349 522	9.960 416	4	907	5 8.0
		17		20			3		6 9.6
094	9.610 910	17	9.650 498	20	0.349 502	9.960 412	4	906	7 11.2
095	9.610 927	17	9.650 518	21	0.349 482	9.960 409	3	905	8 12.8
096	9.610 944	17	9.650 539	20	0.349 461	9.960 405	4	904	9 14.4
		17		20			3		
097	9.610 961	17	9.650 559	20	0.349 441	9.960 402	4	903	
098	9.610 978	17	9.650 579	21	0.349 421	9.960 399	3	902	
099	9.610 995	17	9.650 600	20	0.349 400	9.960 395	4	901	
		17		20			3		
.100	9.611 012		9.650 620		0.349 380	9.960 392		.900	
		17		20			4		
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.950 — 65°.900

24°.100 — 24°.150

24°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.611 012		9.650 620		0.349 380	9.960 392		.900	
101	9.611 029	17	9.650 640	20	0.349 360	9.960 389	3	899	
102	9.611 046	17	9.650 661	21	0.349 339	9.960 385	4	898	
103	9.611 063	17	9.650 681	20	0.349 319	9.960 382	3	897	
		17		20			4		21
104	9.611 080	17	9.650 701	20	0.349 299	9.960 378	4	896	
105	9.611 096	16	9.650 722	21	0.349 278	9.960 375	3	895	1 2.1
106	9.611 113	17	9.650 742	20	0.349 258	9.960 372	3	894	2 4.2
		17		20			4		3 6.3
107	9.611 130	17	9.650 762	20	0.349 238	9.960 368	4	893	4 8.4
108	9.611 147	17	9.650 783	21	0.349 217	9.960 365	3	892	5 10.5
109	9.611 164	17	9.650 803	20	0.349 197	9.960 361	4	891	6 12.6
		17		20			3		7 14.7
.110	9.611 181	17	9.650 823	21	0.349 177	9.960 358	3	.890	8 16.8
		17		21			3		9 18.9
111	9.611 198	17	9.650 844	20	0.349 156	9.960 355	4	889	
112	9.611 215	17	9.650 864	20	0.349 136	9.960 351	4	888	
113	9.611 232	17	9.650 884	20	0.349 116	9.960 348	3	887	
		17		21			4		20
114	9.611 249	17	9.650 905	20	0.349 095	9.960 344	3	886	
115	9.611 266	17	9.650 925	20	0.349 075	9.960 341	3	885	
116	9.611 283	17	9.650 945	20	0.349 055	9.960 338	3	884	
		17		21			4		1 2.0
117	9.611 300	17	9.650 966	20	0.349 034	9.960 334	3	883	2 4.0
118	9.611 317	17	9.650 986	20	0.349 014	9.960 331	4	882	3 6.0
119	9.611 334	17	9.651 006	20	0.348 994	9.960 327	3	881	4 8.0
		17		20			3		5 10.0
.120	9.611 351	16	9.651 026	21	0.348 974	9.960 324	3	.880	6 12.0
		17		20			4		7 14.0
121	9.611 367	17	9.651 047	20	0.348 953	9.960 321	3	879	8 16.0
122	9.611 384	17	9.651 067	20	0.348 933	9.960 317	4	878	9 18.0
123	9.611 401	17	9.651 087	20	0.348 913	9.960 314	3	877	
		17		21			4		
124	9.611 418	17	9.651 108	20	0.348 892	9.960 310	3	876	
125	9.611 435	17	9.651 128	20	0.348 872	9.960 307	3	875	
126	9.611 452	17	9.651 148	20	0.348 852	9.960 304	3	874	
		17		21			4		17
127	9.611 469	17	9.651 169	20	0.348 831	9.960 300	3	873	1 1.7
128	9.611 486	17	9.651 189	20	0.348 811	9.960 297	4	872	2 3.4
129	9.611 503	17	9.651 209	20	0.348 791	9.960 293	3	871	3 5.1
		17		21			3		4 6.8
.130	9.611 520	17	9.651 230	20	0.348 770	9.960 290	3	.870	5 8.5
		17		20			4		6 10.2
131	9.611 537	17	9.651 250	20	0.348 750	9.960 287	3	869	7 11.9
132	9.611 554	17	9.651 270	21	0.348 730	9.960 283	3	868	8 13.6
133	9.611 571	16	9.651 291	20	0.348 709	9.960 280	4	867	9 15.3
		17		20			3		
134	9.611 587	17	9.651 311	20	0.348 689	9.960 277	4	866	
135	9.611 604	17	9.651 331	21	0.348 669	9.960 273	3	865	
136	9.611 621	17	9.651 352	20	0.348 648	9.960 270	4	864	
		17		20			3		
137	9.611 638	17	9.651 372	20	0.348 628	9.960 266	4	863	
138	9.611 655	17	9.651 392	20	0.348 608	9.960 263	3	862	
139	9.611 672	17	9.651 412	20	0.348 588	9.960 260	3	861	
		17		21			4		16
.140	9.611 689	17	9.651 433	20	0.348 567	9.960 256	3	.860	1 1.6
		17		20			4		2 3.2
141	9.611 706	17	9.651 453	20	0.348 547	9.960 253	3	859	3 4.8
142	9.611 723	17	9.651 473	21	0.348 527	9.960 249	4	858	4 6.4
143	9.611 740	17	9.651 494	20	0.348 506	9.960 246	3	857	5 8.0
		17		20			3		6 9.6
144	9.611 757	17	9.651 514	20	0.348 486	9.960 243	4	856	7 11.2
145	9.611 774	16	9.651 534	21	0.348 466	9.960 239	3	855	8 12.8
146	9.611 790	17	9.651 555	20	0.348 445	9.960 236	4	854	9 14.4
		17		20			3		
147	9.611 807	17	9.651 575	20	0.348 425	9.960 232	4	853	
148	9.611 824	17	9.651 595	20	0.348 405	9.960 229	3	852	
149	9.611 841	17	9.651 616	21	0.348 384	9.960 226	3	851	
		17		20			4		
.150	9.611 858	17	9.651 636	20	0.348 364	9.960 222	3	.850	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.900 — 65°.850

24°.150 — 24°.200

24°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.611 858		9.651 636		0.348 364	9.960 222		.850	
151	9.611 875	17	9.651 656	20	0.348 344	9.960 219	3	849	
152	9.611 892	17	9.651 676	20	0.348 324	9.960 215	4	848	
153	9.611 909	17	9.651 697	21	0.348 303	9.960 212	3	847	
		17		20			3		21
154	9.611 926	17	9.651 717	20	0.348 283	9.960 209	3	846	
155	9.611 943	17	9.651 737	20	0.348 263	9.960 205	4	845	1 2.1
156	9.611 959	16	9.651 758	21	0.348 242	9.960 202	3	844	2 4.2
		17		20			4		3 6.3
157	9.611 976	17	9.651 778	20	0.348 222	9.960 198	4	843	4 8.4
158	9.611 993	17	9.651 798	20	0.348 202	9.960 195	3	842	5 10.5
159	9.612 010	17	9.651 819	21	0.348 181	9.960 192	3	841	6 12.6
		17		20			4		7 14.7
.160	9.612 027	17	9.651 839	20	0.348 161	9.960 188	3	.840	8 16.8
		17		20			3		9 18.9
161	9.612 044	17	9.651 859	20	0.348 141	9.960 185	4	839	
162	9.612 061	17	9.651 879	20	0.348 121	9.960 181	4	838	
163	9.612 078	17	9.651 900	21	0.348 100	9.960 178	3	837	
		17		20			3		20
164	9.612 095	17	9.651 920	20	0.348 080	9.960 175	3	836	
165	9.612 112	17	9.651 940	20	0.348 060	9.960 171	4	835	
166	9.612 128	16	9.651 961	21	0.348 039	9.960 168	3	834	
		17		20			4		1 2.0
167	9.612 145	17	9.651 981	20	0.348 019	9.960 164	3	833	2 4.0
168	9.612 162	17	9.652 001	20	0.347 999	9.960 161	3	832	3 6.0
169	9.612 179	17	9.652 022	21	0.347 978	9.960 158	3	831	4 8.0
		17		20			4		5 10.0
.170	9.612 196	17	9.652 042	20	0.347 958	9.960 154	3	.830	6 12.0
		17		20			4		7 14.0
171	9.612 213	17	9.652 062	20	0.347 938	9.960 151	4	829	8 16.0
172	9.612 230	17	9.652 082	21	0.347 918	9.960 147	3	828	9 18.0
173	9.612 247	17	9.652 103	20	0.347 897	9.960 144	3	827	
		17		20			3		
174	9.612 264	16	9.652 123	20	0.347 877	9.960 141	4	826	
175	9.612 280	17	9.652 143	21	0.347 857	9.960 137	4	825	
176	9.612 297	17	9.652 164	21	0.347 836	9.960 134	3	824	
		17		20			4		
177	9.612 314	17	9.652 184	20	0.347 816	9.960 130	3	823	17
178	9.612 331	17	9.652 204	20	0.347 796	9.960 127	3	822	
179	9.612 348	17	9.652 224	20	0.347 776	9.960 124	3	821	
		17		21			4		1 1.7
.180	9.612 365	17	9.652 245	20	0.347 755	9.960 120	3	.820	2 3.4
		17		20			3		3 5.1
181	9.612 382	17	9.652 265	20	0.347 735	9.960 117	4	819	4 6.8
182	9.612 399	16	9.652 285	21	0.347 715	9.960 113	4	818	5 8.5
183	9.612 415	17	9.652 306	20	0.347 694	9.960 110	3	817	6 10.2
		17		20			3		7 11.9
184	9.612 432	17	9.652 326	20	0.347 674	9.960 107	4	816	8 13.6
185	9.612 449	17	9.652 346	20	0.347 654	9.960 103	4	815	9 15.3
186	9.612 466	17	9.652 366	20	0.347 634	9.960 100	3	814	
		17		21			4		
187	9.612 483	17	9.652 387	20	0.347 613	9.960 096	3	813	
188	9.612 500	17	9.652 407	20	0.347 593	9.960 093	3	812	
189	9.612 517	17	9.652 427	20	0.347 573	9.960 089	4	811	
		17		21			3		16
.190	9.612 534	16	9.652 448	20	0.347 552	9.960 086	3	.810	1 1.6
		16		20			3		2 3.2
191	9.612 550	17	9.652 468	20	0.347 532	9.960 083	4	809	3 4.8
192	9.612 567	17	9.652 488	20	0.347 512	9.960 079	4	808	4 6.4
193	9.612 584	17	9.652 508	20	0.347 492	9.960 076	3	807	5 8.0
		17		21			4		6 9.6
194	9.612 601	17	9.652 529	20	0.347 471	9.960 072	3	806	7 11.2
195	9.612 618	17	9.652 549	20	0.347 451	9.960 069	3	805	8 12.8
196	9.612 635	17	9.652 569	20	0.347 431	9.960 066	3	804	9 14.4
		17		20			4		
197	9.612 652	17	9.652 589	21	0.347 411	9.960 062	3	803	
198	9.612 669	16	9.652 610	20	0.347 390	9.960 059	4	802	
199	9.612 685	17	9.652 630	20	0.347 370	9.960 055	4	801	
		17		20			3		
.200	9.612 702	17	9.652 650	20	0.347 350	9.960 052	3	.800	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.850 — 65°.800

24°.200 — 24°.250

24°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.612 702		9.652 650		0.347 350	9.960 052		.800	
201	9.612 719	17	9.652 671	21	0.347 329	9.960 049	3	799	
202	9.612 736	17	9.652 691	20	0.347 309	9.960 045	4	798	
203	9.612 753	17	9.652 711	20	0.347 289	9.960 042	3	797	
204	9.612 770	17	9.652 731	20	0.347 269	9.960 038	4	796	21
205	9.612 787	17	9.652 752	21	0.347 248	9.960 035	3	795	1 2.1
206	9.612 804	17	9.652 772	20	0.347 228	9.960 032	3	794	2 4.2
207	9.612 820	16	9.652 792	20	0.347 208	9.960 028	4	793	3 6.3
208	9.612 837	17	9.652 812	20	0.347 188	9.960 025	3	792	4 8.4
209	9.612 854	17	9.652 833	21	0.347 167	9.960 021	4	791	5 10.5
.210	9.612 871	17	9.652 853	20	0.347 147	9.960 018	3	.790	6 12.6
211	9.612 888	17	9.652 873	20	0.347 127	9.960 015	3	789	7 14.7
212	9.612 905	17	9.652 894	21	0.347 106	9.960 011	4	788	8 16.8
213	9.612 922	17	9.652 914	20	0.347 086	9.960 008	3	787	9 18.9
214	9.612 938	16	9.652 934	20	0.347 066	9.960 004	4	786	
215	9.612 955	17	9.652 954	20	0.347 046	9.960 001	3	785	20
216	9.612 972	17	9.652 975	21	0.347 025	9.959 998	3	784	1 2.0
217	9.612 989	17	9.652 995	20	0.347 005	9.959 994	4	783	2 4.0
218	9.613 006	17	9.653 015	20	0.346 985	9.959 991	3	782	3 6.0
219	9.613 023	17	9.653 035	20	0.346 965	9.959 987	4	781	4 8.0
.220	9.613 039	16	9.653 056	21	0.346 944	9.959 984	3	.780	5 10.0
221	9.613 056	17	9.653 076	20	0.346 924	9.959 980	4	779	6 12.0
222	9.613 073	17	9.653 096	20	0.346 904	9.959 977	3	778	7 14.0
223	9.613 090	17	9.653 116	20	0.346 884	9.959 974	3	777	8 16.0
224	9.613 107	17	9.653 137	21	0.346 863	9.959 970	4	776	9 18.0
225	9.613 124	17	9.653 157	20	0.346 843	9.959 967	3	775	
226	9.613 141	17	9.653 177	20	0.346 823	9.959 963	4	774	
227	9.613 157	16	9.653 197	20	0.346 803	9.959 960	3	773	17
228	9.613 174	17	9.653 218	21	0.346 782	9.959 957	3	772	1 1.7
229	9.613 191	17	9.653 238	20	0.346 762	9.959 953	4	771	2 3.4
.230	9.613 208	17	9.653 258	20	0.346 742	9.959 950	3	.770	3 5.1
231	9.613 225	17	9.653 278	20	0.346 722	9.959 946	4	769	4 6.8
232	9.613 242	17	9.653 299	21	0.346 701	9.959 943	3	768	5 8.5
233	9.613 258	16	9.653 319	20	0.346 681	9.959 940	3	767	6 10.2
234	9.613 275	17	9.653 339	20	0.346 661	9.959 936	4	766	7 11.9
235	9.613 292	17	9.653 359	20	0.346 641	9.959 933	3	765	8 13.6
236	9.613 309	17	9.653 380	21	0.346 620	9.959 929	4	764	9 15.3
237	9.613 326	17	9.653 400	20	0.346 600	9.959 926	3	763	
238	9.613 343	17	9.653 420	20	0.346 580	9.959 922	4	762	
239	9.613 359	16	9.653 440	20	0.346 560	9.959 919	3	761	16
.240	9.613 376	17	9.653 461	21	0.346 539	9.959 916	3	.760	1 1.6
241	9.613 393	17	9.653 481	20	0.346 519	9.959 912	4	759	2 3.2
242	9.613 410	17	9.653 501	20	0.346 499	9.959 909	3	758	3 4.8
243	9.613 427	17	9.653 521	20	0.346 479	9.959 905	4	757	4 6.4
244	9.613 444	17	9.653 542	21	0.346 458	9.959 902	3	756	5 8.0
245	9.613 460	16	9.653 562	20	0.346 438	9.959 899	3	755	6 9.6
246	9.613 477	17	9.653 582	20	0.346 418	9.959 895	4	754	7 11.2
247	9.613 494	17	9.653 602	20	0.346 398	9.959 892	3	753	8 12.8
248	9.613 511	17	9.653 623	21	0.346 377	9.959 888	4	752	9 14.4
249	9.613 528	17	9.653 643	20	0.346 357	9.959 885	3	751	
.250	9.613 545	17	9.653 663	20	0.346 337	9.959 882	3	.750	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.800 — 65°.750

24°.250 — 24°.300

24°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.613 545	16	9.653 663	20	0.346 337	9.959 882	4	.750	
251	9.613 561	17	9.653 683	21	0.346 317	9.959 878	3	749	
252	9.613 578	17	9.653 704	20	0.346 296	9.959 875	4	748	
253	9.613 595	17	9.653 724	20	0.346 276	9.959 871	3	747	
254	9.613 612	17	9.653 744	20	0.346 256	9.959 868	4	746	21
255	9.613 629	17	9.653 764	21	0.346 236	9.959 864	3	745	1 2.1
256	9.613 646	16	9.653 785	21	0.346 215	9.959 861	3	744	2 4.2
257	9.613 662	17	9.653 805	20	0.346 195	9.959 858	4	743	3 6.3
258	9.613 679	17	9.653 825	20	0.346 175	9.959 854	3	742	4 8.4
259	9.613 696	17	9.653 845	21	0.346 155	9.959 851	4	741	5 10.5
.260	9.613 713	17	9.653 866	20	0.346 134	9.959 847	3	.740	6 12.6
261	9.613 730	17	9.653 886	20	0.346 114	9.959 844	4	739	7 14.7
262	9.613 747	16	9.653 906	20	0.346 094	9.959 841	3	738	8 16.8
263	9.613 763	17	9.653 926	21	0.346 074	9.959 837	4	737	9 18.9
264	9.613 780	17	9.653 946	20	0.346 054	9.959 834	3	736	
265	9.613 797	17	9.653 967	21	0.346 033	9.959 830	4	735	20
266	9.613 814	17	9.653 987	20	0.346 013	9.959 827	3	734	1 2.0
267	9.613 831	17	9.654 007	20	0.345 993	9.959 823	4	733	2 4.0
268	9.613 847	16	9.654 027	21	0.345 973	9.959 820	3	732	3 6.0
269	9.613 864	17	9.654 048	20	0.345 952	9.959 817	4	731	4 8.0
.270	9.613 881	17	9.654 068	21	0.345 932	9.959 813	3	.730	5 10.0
271	9.613 898	17	9.654 088	20	0.345 912	9.959 810	4	729	6 12.0
272	9.613 915	16	9.654 108	21	0.345 892	9.959 806	3	728	7 14.0
273	9.613 931	17	9.654 129	20	0.345 871	9.959 803	4	727	8 16.0
274	9.613 948	17	9.654 149	21	0.345 851	9.959 800	3	726	9 18.0
275	9.613 965	17	9.654 169	20	0.345 831	9.959 796	4	725	
276	9.613 982	17	9.654 189	20	0.345 811	9.959 793	3	724	
277	9.613 999	17	9.654 209	21	0.345 791	9.959 789	4	723	17
278	9.614 015	16	9.654 230	20	0.345 770	9.959 786	3	722	1 1.7
279	9.614 032	17	9.654 250	21	0.345 750	9.959 782	4	721	2 3.4
.280	9.614 049	17	9.654 270	20	0.345 730	9.959 779	3	.720	3 5.1
281	9.614 066	17	9.654 290	21	0.345 710	9.959 776	4	719	4 6.8
282	9.614 083	16	9.654 311	20	0.345 689	9.959 772	3	718	5 8.5
283	9.614 099	17	9.654 331	21	0.345 669	9.959 769	4	717	6 10.2
284	9.614 116	17	9.654 351	20	0.345 649	9.959 765	3	716	7 11.9
285	9.614 133	17	9.654 371	21	0.345 629	9.959 762	4	715	8 13.6
286	9.614 150	17	9.654 391	20	0.345 609	9.959 758	3	714	9 15.3
287	9.614 167	16	9.654 412	21	0.345 588	9.959 755	4	713	
288	9.614 183	17	9.654 432	20	0.345 568	9.959 752	3	712	
289	9.614 200	17	9.654 452	21	0.345 548	9.959 748	4	711	16
.290	9.614 217	17	9.654 472	20	0.345 528	9.959 745	3	.710	1 1.6
291	9.614 234	17	9.654 492	21	0.345 508	9.959 741	4	709	2 3.2
292	9.614 251	16	9.654 513	20	0.345 487	9.959 738	3	708	3 4.8
293	9.614 267	17	9.654 533	21	0.345 467	9.959 735	4	707	4 6.4
294	9.614 284	17	9.654 553	20	0.345 447	9.959 731	3	706	5 8.0
295	9.614 301	17	9.654 573	21	0.345 427	9.959 728	4	705	6 9.6
296	9.614 318	17	9.654 594	20	0.345 406	9.959 724	3	704	7 11.2
297	9.614 335	16	9.654 614	21	0.345 386	9.959 721	4	703	8 12.8
298	9.614 351	17	9.654 634	20	0.345 366	9.959 717	3	702	9 14.4
299	9.614 368	17	9.654 654	21	0.345 346	9.959 714	4	701	
.300	9.614 385	17	9.654 674	20	0.345 326	9.959 711	3	.700	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

24°.300 — 24°.350

24°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.614 385		9.654 674		0.345 326	9.959 711		.700	
301	9.614 402	17	9.654 695	21	0.345 305	9.959 707	4	699	
302	9.614 419	17	9.654 715	20	0.345 285	9.959 704	3	698	
303	9.614 435	16	9.654 735	20	0.345 265	9.959 700	4	697	
		17		20			3		21
304	9.614 452	17	9.654 755	20	0.345 245	9.959 697	4	696	1 2.1
305	9.614 469	17	9.654 775	21	0.345 225	9.959 693	3	695	2 4.2
306	9.614 486	16	9.654 796	20	0.345 204	9.959 690	3	694	3 6.3
		17		20			3		4 8.4
307	9.614 502	17	9.654 816	20	0.345 184	9.959 687	4	693	5 10.5
308	9.614 519	17	9.654 836	20	0.345 164	9.959 683	3	692	6 12.6
309	9.614 536	17	9.654 856	20	0.345 144	9.959 680	4	691	7 14.7
		17		21			3		8 16.8
.310	9.614 553	16	9.654 876	20	0.345 124	9.959 676	3	.690	9 18.9
311	9.614 570	16	9.654 897	20	0.345 103	9.959 673	4	689	
312	9.614 586	17	9.654 917	20	0.345 083	9.959 670	3	688	
313	9.614 603	17	9.654 937	20	0.345 063	9.959 666	4	687	
		17		20			3		20
314	9.614 620	17	9.654 957	20	0.345 043	9.959 663	4	686	1 2.0
315	9.614 637	16	9.654 977	21	0.345 023	9.959 659	3	685	2 4.0
316	9.614 653	17	9.654 998	20	0.345 002	9.959 656	4	684	3 6.0
		17		20			3		4 8.0
317	9.614 670	17	9.655 018	20	0.344 982	9.959 652	4	683	5 10.0
318	9.614 687	17	9.655 038	20	0.344 962	9.959 649	3	682	6 12.0
319	9.614 704	17	9.655 058	20	0.344 942	9.959 646	4	681	7 14.0
		17		21			3		8 16.0
.320	9.614 721	16	9.655 078	20	0.344 922	9.959 642	3	.680	9 18.0
321	9.614 737	17	9.655 099	20	0.344 901	9.959 639	4	679	
322	9.614 754	17	9.655 119	20	0.344 881	9.959 635	3	678	
323	9.614 771	17	9.655 139	20	0.344 861	9.959 632	4	677	
		17		20			3		
324	9.614 788	16	9.655 159	20	0.344 841	9.959 628	4	676	
325	9.614 804	17	9.655 179	21	0.344 821	9.959 625	3	675	
326	9.614 821	17	9.655 200	20	0.344 800	9.959 622	4	674	
		17		20			3		
327	9.614 838	17	9.655 220	20	0.344 780	9.959 618	4	673	17
328	9.614 855	17	9.655 240	20	0.344 760	9.959 615	3	672	1 1.7
329	9.614 872	17	9.655 260	20	0.344 740	9.959 611	4	671	2 3.4
		16		20			3		3 5.1
.330	9.614 888	17	9.655 280	21	0.344 720	9.959 608	4	.670	4 6.8
331	9.614 905	17	9.655 301	20	0.344 699	9.959 604	3	669	5 8.5
332	9.614 922	17	9.655 321	20	0.344 679	9.959 601	4	668	6 10.2
333	9.614 939	16	9.655 341	20	0.344 659	9.959 598	3	667	7 11.9
		17		20			4		8 13.6
334	9.614 955	17	9.655 361	20	0.344 639	9.959 594	3	666	9 15.3
335	9.614 972	17	9.655 381	21	0.344 619	9.959 591	4	665	
336	9.614 989	17	9.655 402	20	0.344 598	9.959 587	3	664	
		16		20			4		
337	9.615 006	17	9.655 422	20	0.344 578	9.959 584	3	663	
338	9.615 022	17	9.655 442	20	0.344 558	9.959 580	4	662	
339	9.615 039	17	9.655 462	20	0.344 538	9.959 577	3	661	
		17		20			4		16
.340	9.615 056	16	9.655 482	20	0.344 518	9.959 574	3	.660	1 1.6
341	9.615 073	16	9.655 502	21	0.344 498	9.959 570	4	659	2 3.2
342	9.615 089	17	9.655 523	20	0.344 477	9.959 567	3	658	3 4.8
343	9.615 106	17	9.655 543	20	0.344 457	9.959 563	4	657	4 6.4
		17		20			3		5 8.0
344	9.615 123	17	9.655 563	20	0.344 437	9.959 560	4	656	6 9.6
345	9.615 140	16	9.655 583	20	0.344 417	9.959 556	3	655	7 11.2
346	9.615 156	17	9.655 603	21	0.344 397	9.959 553	4	654	8 12.8
		17		20			3		9 14.4
347	9.615 173	17	9.655 624	20	0.344 376	9.959 550	4	653	
348	9.615 190	17	9.655 644	20	0.344 356	9.959 546	3	652	
349	9.615 207	16	9.655 664	20	0.344 336	9.959 543	4	651	
		17		20			3		
.350	9.615 223	16	9.655 684	20	0.344 316	9.959 539	4	.650	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.700 — 65°.650

24°.350 — 24°.400

24°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.615 223		9.655 684		0.344 316	9.959 539		.650	
351	9.615 240	17	9.655 704	20	0.344 296	9.959 536	3	649	
352	9.615 257	17	9.655 724	20	0.344 276	9.959 532	4	648	
353	9.615 274	17	9.655 745	21	0.344 255	9.959 529	3	647	
		16		20			3		21
354	9.615 290	17	9.655 765	20	0.344 235	9.959 526	4	646	1 2.1
355	9.615 307	17	9.655 785	20	0.344 215	9.959 522	3	645	2 4.2
356	9.615 324	17	9.655 805	20	0.344 195	9.959 519	4	644	3 6.3
		17		21			3		4 8.4
357	9.615 341	16	9.655 825	21	0.344 175	9.959 515	3	643	5 10.5
358	9.615 357	17	9.655 846	20	0.344 154	9.959 512	4	642	6 12.6
359	9.615 374	17	9.655 866	20	0.344 134	9.959 508	3	641	7 14.7
		17		20			3		8 16.8
.360	9.615 391	17	9.655 886	20	0.344 114	9.959 505	3	.640	9 18.9
		17		20			3		
361	9.615 408	16	9.655 906	20	0.344 094	9.959 502	4	639	
362	9.615 424	17	9.655 926	20	0.344 074	9.959 498	3	638	
363	9.615 441	17	9.655 946	21	0.344 054	9.959 495	4	637	
		17		20			3		20
364	9.615 458	17	9.655 967	20	0.344 033	9.959 491	4	636	1 2.0
365	9.615 475	16	9.655 987	20	0.344 013	9.959 488	3	635	2 4.0
366	9.615 491	17	9.656 007	20	0.343 993	9.959 484	4	634	3 6.0
		17		20			3		4 8.0
367	9.615 508	17	9.656 027	20	0.343 973	9.959 481	4	633	5 10.0
368	9.615 525	16	9.656 047	20	0.343 953	9.959 477	3	632	6 12.0
369	9.615 541	17	9.656 067	21	0.343 933	9.959 474	4	631	7 14.0
		17		20			3		8 16.0
.370	9.615 558	17	9.656 088	20	0.343 912	9.959 471	4	.630	9 18.0
		17		20			3		
371	9.615 575	17	9.656 108	20	0.343 892	9.959 467	4	629	
372	9.615 592	16	9.656 128	20	0.343 872	9.959 464	3	628	
373	9.615 608	17	9.656 148	20	0.343 852	9.959 460	4	627	
		17		20			3		
374	9.615 625	17	9.656 168	20	0.343 832	9.959 457	4	626	
375	9.615 642	17	9.656 188	21	0.343 812	9.959 453	3	625	
376	9.615 659	16	9.656 209	20	0.343 791	9.959 450	4	624	
		17		20			3		
377	9.615 675	17	9.656 229	20	0.343 771	9.959 447	4	623	17
378	9.615 692	17	9.656 249	20	0.343 751	9.959 443	3	622	1 1.7
379	9.615 709	17	9.656 269	20	0.343 731	9.959 440	4	621	2 3.4
		17		20			3		3 5.1
.380	9.615 726	16	9.656 289	20	0.343 711	9.959 436	4	.620	4 6.8
		17		21			3		5 8.5
381	9.615 742	17	9.656 309	20	0.343 691	9.959 433	4	619	6 10.2
382	9.615 759	17	9.656 330	20	0.343 670	9.959 429	3	618	7 11.9
383	9.615 776	16	9.656 350	20	0.343 650	9.959 426	4	617	8 13.6
		17		20			3		9 15.3
384	9.615 792	17	9.656 370	20	0.343 630	9.959 423	4	616	
385	9.615 809	17	9.656 390	20	0.343 610	9.959 419	3	615	
386	9.615 826	17	9.656 410	20	0.343 590	9.959 416	4	614	
		17		20			3		
387	9.615 843	16	9.656 430	20	0.343 570	9.959 412	4	613	
388	9.615 859	17	9.656 450	21	0.343 550	9.959 409	3	612	
389	9.615 876	17	9.656 471	20	0.343 529	9.959 405	4	611	
		17		20			3		16
.390	9.615 893	16	9.656 491	20	0.343 509	9.959 402	4	.610	1 1.6
		17		20			3		2 3.2
391	9.615 909	17	9.656 511	20	0.343 489	9.959 398	4	609	3 4.8
392	9.615 926	17	9.656 531	20	0.343 469	9.959 395	3	608	4 6.4
393	9.615 943	17	9.656 551	20	0.343 449	9.959 392	4	607	5 8.0
		17		20			3		6 9.6
394	9.615 960	16	9.656 571	21	0.343 429	9.959 388	4	606	7 11.2
395	9.615 976	17	9.656 592	20	0.343 408	9.959 385	3	605	8 12.8
396	9.615 993	17	9.656 612	20	0.343 388	9.959 381	4	604	9 14.4
		17		20			3		
397	9.616 010	16	9.656 632	20	0.343 368	9.959 378	4	603	
398	9.616 026	17	9.656 652	20	0.343 348	9.959 374	3	602	
399	9.616 043	17	9.656 672	20	0.343 328	9.959 371	4	601	
		17		20			3		
.400	9.616 060	17	9.656 692	20	0.343 308	9.959 368	3	.600	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.650 — 65°.600

24°.400 — 24°.450

24°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.616 060		9.656 692		0.343 308	9.959 368		.600	
401	9.616 077	17	9.656 712	20	0.343 288	9.959 364	4	599	
402	9.616 093	16	9.656 733	21	0.343 267	9.959 361	3	598	
403	9.616 110	17	9.656 753	20	0.343 247	9.959 357	4	597	
		17		20			3		21
404	9.616 127	16	9.656 773	20	0.343 227	9.959 354	4	596	1 2.1
405	9.616 143	17	9.656 793	20	0.343 207	9.959 350	3	595	2 4.2
406	9.616 160	17	9.656 813	20	0.343 187	9.959 347	4	594	3 6.3
		17		20			3		4 8.4
407	9.616 177	17	9.656 833	20	0.343 167	9.959 343	4	593	5 10.5
408	9.616 194	16	9.656 853	21	0.343 147	9.959 340	3	592	6 12.6
409	9.616 210		9.656 874		0.343 126	9.959 337	4	591	7 14.7
.410	9.616 227	17	9.656 894	20	0.343 106	9.959 333	3	.590	8 16.8
		17		20			4		9 18.9
411	9.616 244	16	9.656 914	20	0.343 086	9.959 330	3	589	
412	9.616 260	17	9.656 934	20	0.343 066	9.959 326	4	588	
413	9.616 277	17	9.656 954	20	0.343 046	9.959 323	3	587	
		17		20			4		20
414	9.616 294	16	9.656 974	20	0.343 026	9.959 319	3	586	1 2.0
415	9.616 310	17	9.656 994	20	0.343 006	9.959 316	4	585	2 4.0
416	9.616 327	17	9.657 015	21	0.342 985	9.959 313	3	584	3 6.0
		17		20			4		4 8.0
417	9.616 344	17	9.657 035	20	0.342 965	9.959 309	3	583	5 10.0
418	9.616 361	16	9.657 055	20	0.342 945	9.959 306	4	582	6 12.0
419	9.616 377		9.657 075		0.342 925	9.959 302	3	581	7 14.0
.420	9.616 394	17	9.657 095	20	0.342 905	9.959 299	4	.580	8 16.0
		17		20			3		9 18.0
421	9.616 411	16	9.657 115	20	0.342 885	9.959 295	4	579	
422	9.616 427	17	9.657 135	21	0.342 865	9.959 292	3	578	
423	9.616 444	17	9.657 156	20	0.342 844	9.959 288	4	577	
		17		20			3		
424	9.616 461	16	9.657 176	20	0.342 824	9.959 285	4	576	
425	9.616 477	17	9.657 196	20	0.342 804	9.959 282	3	575	
426	9.616 494	17	9.657 216	20	0.342 784	9.959 278	4	574	
		17		20			3		
427	9.616 511	16	9.657 236	20	0.342 764	9.959 275	4	573	17
428	9.616 527	17	9.657 256	20	0.342 744	9.959 271	3	572	1 1.7
429	9.616 544		9.657 276		0.342 724	9.959 268	4	571	2 3.4
.430	9.616 561	17	9.657 296	20	0.342 704	9.959 264	3	.570	3 5.1
		16		21			4		4 6.8
431	9.616 577	17	9.657 317	20	0.342 683	9.959 261	3	569	5 8.5
432	9.616 594	17	9.657 337	20	0.342 663	9.959 257	4	568	6 10.2
433	9.616 611	17	9.657 357	20	0.342 643	9.959 254	3	567	7 11.9
		17		20			4		8 13.6
434	9.616 628	16	9.657 377	20	0.342 623	9.959 251	3	566	9 15.3
435	9.616 644	17	9.657 397	20	0.342 603	9.959 247	4	565	
436	9.616 661	17	9.657 417	20	0.342 583	9.959 244	3	564	
		17		20			4		
437	9.616 678	16	9.657 437	20	0.342 563	9.959 240	3	563	
438	9.616 694	17	9.657 457	21	0.342 543	9.959 237	4	562	
439	9.616 711		9.657 478		0.342 522	9.959 233	3	561	
.440	9.616 728	17	9.657 498	20	0.342 502	9.959 230	4	.560	16
		16		20			3		1 1.6
441	9.616 744	17	9.657 518	20	0.342 482	9.959 226	4	559	2 3.2
442	9.616 761	17	9.657 538	20	0.342 462	9.959 223	3	558	3 4.8
443	9.616 778	17	9.657 558	20	0.342 442	9.959 220	4	557	4 6.4
		16		20			3		5 8.0
444	9.616 794	17	9.657 578	20	0.342 422	9.959 216	4	556	6 9.6
445	9.616 811	17	9.657 598	20	0.342 402	9.959 213	3	555	7 11.2
446	9.616 828	17	9.657 618	20	0.342 382	9.959 209	4	554	8 12.8
		16		21			3		9 14.4
447	9.616 844	17	9.657 639	20	0.342 361	9.959 206	4	553	
448	9.616 861	17	9.657 659	20	0.342 341	9.959 202	3	552	
449	9.616 878		9.657 679		0.342 321	9.959 199	4	551	
.450	9.616 894	16	9.657 699	20	0.342 301	9.959 195	3	.550	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.600 — 65°.550

24°.450 — 24°.500

24°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.616 894		9.657 699		0.342 301	9.959 195		.550	
451	9.616 911	17	9.657 719	20	0.342 281	9.959 192	3	549	
452	9.616 928	17	9.657 739	20	0.342 261	9.959 189	3	548	
453	9.616 944	16	9.657 759	20	0.342 241	9.959 185	4	547	
		17		20			3		21
454	9.616 961	17	9.657 779	20	0.342 221	9.959 182	3	546	
455	9.616 978	17	9.657 800	21	0.342 200	9.959 178	4	545	1 2.1
456	9.616 994	16	9.657 820	20	0.342 180	9.959 175	3	544	2 4.2
		17		20			4		3 6.3
457	9.617 011	17	9.657 840	20	0.342 160	9.959 171	4	543	4 8.4
458	9.617 028	17	9.657 860	20	0.342 140	9.959 168	3	542	5 10.5
459	9.617 044	16	9.657 880	20	0.342 120	9.959 164	4	541	6 12.6
		17		20			3		7 14.7
.460	9.617 061	17	9.657 900	20	0.342 100	9.959 161	3	.540	8 16.8
		17		20			3		9 18.9
461	9.617 078	16	9.657 920	20	0.342 080	9.959 158	4	539	
462	9.617 094	17	9.657 940	20	0.342 060	9.959 154	3	538	
463	9.617 111	17	9.657 960	20	0.342 040	9.959 151	4	537	
		17		21			4		20
464	9.617 128	16	9.657 981	20	0.342 019	9.959 147	3	536	
465	9.617 144	17	9.658 001	20	0.341 999	9.959 144	4	535	
466	9.617 161	17	9.658 021	20	0.341 979	9.959 140	3	534	
		17		20			4		1 2.0
467	9.617 178	16	9.658 041	20	0.341 959	9.959 137	4	533	2 4.0
468	9.617 194	17	9.658 061	20	0.341 939	9.959 133	3	532	3 6.0
469	9.617 211	17	9.658 081	20	0.341 919	9.959 130	4	531	4 8.0
		17		20			4		5 10.0
.470	9.617 228	16	9.658 101	20	0.341 899	9.959 126	3	.530	6 12.0
		17		20			3		7 14.0
471	9.617 244	17	9.658 121	20	0.341 879	9.959 123	4	529	8 16.0
472	9.617 261	17	9.658 141	20	0.341 859	9.959 120	3	528	9 18.0
473	9.617 278	16	9.658 161	21	0.341 839	9.959 116	4	527	
		17		20			3		17
474	9.617 294	17	9.658 182	20	0.341 818	9.959 113	4	526	
475	9.617 311	17	9.658 202	20	0.341 798	9.959 109	3	525	
476	9.617 328	16	9.658 222	20	0.341 778	9.959 106	4	524	
		17		20			4		
477	9.617 344	17	9.658 242	20	0.341 758	9.959 102	3	523	
478	9.617 361	17	9.658 262	20	0.341 738	9.959 099	4	522	
479	9.617 378	16	9.658 282	20	0.341 718	9.959 095	3	521	
		17		20			3		16
.480	9.617 394	17	9.658 302	20	0.341 698	9.959 092	4	.520	
		16		20			3		
481	9.617 411	16	9.658 322	20	0.341 678	9.959 089	4	519	
482	9.617 427	17	9.658 342	20	0.341 658	9.959 085	3	518	
483	9.617 444	17	9.658 362	21	0.341 638	9.959 082	4	517	
		16		20			3		
484	9.617 461	17	9.658 383	20	0.341 617	9.959 078	4	516	
485	9.617 477	17	9.658 403	20	0.341 597	9.959 075	3	515	
486	9.617 494	17	9.658 423	20	0.341 577	9.959 071	4	514	
		17		20			3		
487	9.617 511	16	9.658 443	20	0.341 557	9.959 068	4	513	
488	9.617 527	17	9.658 463	20	0.341 537	9.959 064	3	512	
489	9.617 544	17	9.658 483	20	0.341 517	9.959 061	4	511	
		17		20			4		
.490	9.617 561	16	9.658 503	20	0.341 497	9.959 057	3	.510	
		17		20			3		
491	9.617 577	17	9.658 523	20	0.341 477	9.959 054	4	509	
492	9.617 594	17	9.658 543	20	0.341 457	9.959 051	3	508	
493	9.617 611	16	9.658 563	21	0.341 437	9.959 047	4	507	
		17		20			3		
494	9.617 627	17	9.658 584	20	0.341 416	9.959 044	4	506	
495	9.617 644	16	9.658 604	20	0.341 396	9.959 040	3	505	
496	9.617 660	17	9.658 624	20	0.341 376	9.959 037	4	504	
		17		20			4		
497	9.617 677	17	9.658 644	20	0.341 356	9.959 033	3	503	
498	9.617 694	16	9.658 664	20	0.341 336	9.959 030	4	502	
499	9.617 710	17	9.658 684	20	0.341 316	9.959 026	3	501	
		17		20			3		
.500	9.617 727		9.658 704		0.341 296	9.959 023		.500	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.550 — 65°.500

24°.500 — 24°.550

24°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.617 727		9.658 704		0.341 296	9.959 023		.500	
501	9.617 744	17	9.658 724	20	0.341 276	9.959 019	4	499	
502	9.617 760	16	9.658 744	20	0.341 256	9.959 016	3	498	
503	9.617 777	17	9.658 764	20	0.341 236	9.959 013	3	497	
		16		20			4		21
504	9.617 793	17	9.658 784	20	0.341 216	9.959 009	3	496	1 2.1
505	9.617 810	17	9.658 804	21	0.341 196	9.959 006	4	495	2 4.2
506	9.617 827	16	9.658 825	20	0.341 175	9.959 002	3	494	3 6.3
		17		20			4		4 8.4
507	9.617 843	17	9.658 845	20	0.341 155	9.958 999	3	493	5 10.5
508	9.617 860	17	9.658 865	20	0.341 135	9.958 995	3	492	6 12.6
509	9.617 877	16	9.658 885	20	0.341 115	9.958 992	4	491	7 14.7
		17		20			3		8 16.8
.510	9.617 893		9.658 905		0.341 095	9.958 988		.490	9 18.9
511	9.617 910	17	9.658 925	20	0.341 075	9.958 985	3	489	
512	9.617 926	16	9.658 945	20	0.341 055	9.958 981	4	488	
513	9.617 943	17	9.658 965	20	0.341 035	9.958 978	3	487	
		17		20			3		20
514	9.617 960	16	9.658 985	20	0.341 015	9.958 975	4	486	1 2.0
515	9.617 976	17	9.659 005	20	0.340 995	9.958 971	3	485	2 4.0
516	9.617 993	17	9.659 025	20	0.340 975	9.958 968	4	484	3 6.0
		17		20			3		4 8.0
517	9.618 010	16	9.659 045	21	0.340 955	9.958 964	4	483	5 10.0
518	9.618 026	17	9.659 066	20	0.340 934	9.958 961	3	482	6 12.0
519	9.618 043	16	9.659 086	20	0.340 914	9.958 957	4	481	7 14.0
		17		20			3		8 16.0
.520	9.618 059		9.659 106		0.340 894	9.958 954		.480	9 18.0
521	9.618 076	17	9.659 126	20	0.340 874	9.958 950	4	479	
522	9.618 093	17	9.659 146	20	0.340 854	9.958 947	3	478	
523	9.618 109	16	9.659 166	20	0.340 834	9.958 943	4	477	
		17		20			3		
524	9.618 126	17	9.659 186	20	0.340 814	9.958 940	3	476	
525	9.618 143	16	9.659 206	20	0.340 794	9.958 937	4	475	
526	9.618 159	17	9.659 226	20	0.340 774	9.958 933	3	474	
		17		20			4		
527	9.618 176	16	9.659 246	20	0.340 754	9.958 930	3	473	17
528	9.618 192	17	9.659 266	20	0.340 734	9.958 926	4	472	1 1.7
529	9.618 209	17	9.659 286	20	0.340 714	9.958 923	3	471	2 3.4
		17		20			4		3 5.1
.530	9.618 226		9.659 306		0.340 694	9.958 919		.470	4 6.8
531	9.618 242	16	9.659 326	20	0.340 674	9.958 916	3	469	5 8.5
532	9.618 259	17	9.659 347	21	0.340 653	9.958 912	4	468	6 10.2
533	9.618 275	16	9.659 367	20	0.340 633	9.958 909	3	467	7 11.9
		17		20			4		8 13.6
534	9.618 292	17	9.659 387	20	0.340 613	9.958 905	3	466	9 15.3
535	9.618 309	17	9.659 407	20	0.340 593	9.958 902	3	465	
536	9.618 325	16	9.659 427	20	0.340 573	9.958 898	4	464	
		17		20			3		
537	9.618 342	16	9.659 447	20	0.340 553	9.958 895	4	463	
538	9.618 358	17	9.659 467	20	0.340 533	9.958 892	3	462	
539	9.618 375	17	9.659 487	20	0.340 513	9.958 888	4	461	
		17		20			3		16
.540	9.618 392		9.659 507		0.340 493	9.958 885		.460	1 1.6
541	9.618 408	16	9.659 527	20	0.340 473	9.958 881	4	459	2 3.2
542	9.618 425	17	9.659 547	20	0.340 453	9.958 878	3	458	3 4.8
543	9.618 441	16	9.659 567	20	0.340 433	9.958 874	4	457	4 6.4
		17		20			3		5 8.0
544	9.618 458	17	9.659 587	20	0.340 413	9.958 871	4	456	6 9.6
545	9.618 475	17	9.659 607	20	0.340 393	9.958 867	3	455	7 11.2
546	9.618 491	16	9.659 627	20	0.340 373	9.958 864	4	454	8 12.8
		17		20			3		9 14.4
547	9.618 508	16	9.659 647	21	0.340 353	9.958 860	4	453	
548	9.618 524	17	9.659 668	20	0.340 332	9.958 857	3	452	
549	9.618 541	17	9.659 688	20	0.340 312	9.958 853	4	451	
		17		20			3		
.550	9.618 558		9.659 708		0.340 292	9.958 850		.450	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.500 — 65°.450

24°.550 — 24°.600

24°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.618 558	16	9.659 708	20	0.340 292	9.958 850	3	.450	
551	9.618 574	17	9.659 728	20	0.340 272	9.958 847	3	449	
552	9.618 591	16	9.659 748	20	0.340 252	9.958 843	4	448	
553	9.618 607	17	9.659 768	20	0.340 232	9.958 840	3	447	
554	9.618 624	17	9.659 788	20	0.340 212	9.958 836	4	446	21
555	9.618 641	17	9.659 808	20	0.340 192	9.958 833	3	445	1 2.1
556	9.618 657	16	9.659 828	20	0.340 172	9.958 829	4	444	2 4.2
557	9.618 674	17	9.659 848	20	0.340 152	9.958 826	3	443	3 6.3
558	9.618 690	16	9.659 868	20	0.340 132	9.958 822	4	442	4 8.4
559	9.618 707	17	9.659 888	20	0.340 112	9.958 819	3	441	5 10.5
.560	9.618 724	17	9.659 908	20	0.340 092	9.958 815	4	.440	6 12.6
561	9.618 740	16	9.659 928	20	0.340 072	9.958 812	3	439	7 14.7
562	9.618 757	17	9.659 948	20	0.340 052	9.958 808	4	438	8 16.8
563	9.618 773	16	9.659 968	20	0.340 032	9.958 805	3	437	9 18.9
564	9.618 790	17	9.659 988	20	0.340 012	9.958 802	3	436	
565	9.618 806	16	9.660 008	20	0.339 992	9.958 798	4	435	20
566	9.618 823	17	9.660 028	20	0.339 972	9.958 795	3	434	1 2.0
567	9.618 840	17	9.660 049	21	0.339 951	9.958 791	4	433	2 4.0
568	9.618 856	16	9.660 069	20	0.339 931	9.958 788	3	432	3 6.0
569	9.618 873	17	9.660 089	20	0.339 911	9.958 784	4	431	4 8.0
.570	9.618 889	16	9.660 109	20	0.339 891	9.958 781	3	.430	5 10.0
571	9.618 906	17	9.660 129	20	0.339 871	9.958 777	4	429	6 12.0
572	9.618 923	17	9.660 149	20	0.339 851	9.958 774	3	428	7 14.0
573	9.618 939	16	9.660 169	20	0.339 831	9.958 770	4	427	8 16.0
574	9.618 956	17	9.660 189	20	0.339 811	9.958 767	3	426	9 18.0
575	9.618 972	16	9.660 209	20	0.339 791	9.958 763	4	425	
576	9.618 989	17	9.660 229	20	0.339 771	9.958 760	3	424	
577	9.619 005	16	9.660 249	20	0.339 751	9.958 756	4	423	17
578	9.619 022	17	9.660 269	20	0.339 731	9.958 753	3	422	1 1.7
579	9.619 039	17	9.660 289	20	0.339 711	9.958 750	3	421	2 3.4
.580	9.619 055	16	9.660 309	20	0.339 691	9.958 746	4	.420	3 5.1
581	9.619 072	17	9.660 329	20	0.339 671	9.958 743	3	419	4 6.8
582	9.619 088	16	9.660 349	20	0.339 651	9.958 739	4	418	5 8.5
583	9.619 105	17	9.660 369	20	0.339 631	9.958 736	3	417	6 10.2
584	9.619 121	16	9.660 389	20	0.339 611	9.958 732	4	416	7 11.9
585	9.619 138	17	9.660 409	20	0.339 591	9.958 729	3	415	8 13.6
586	9.619 155	16	9.660 429	20	0.339 571	9.958 725	4	414	9 15.3
587	9.619 171	17	9.660 449	20	0.339 551	9.958 722	3	413	
588	9.619 188	17	9.660 469	20	0.339 531	9.958 718	4	412	
589	9.619 204	16	9.660 489	20	0.339 511	9.958 715	3	411	16
.590	9.619 221	17	9.660 509	20	0.339 491	9.958 711	4	.410	1 1.6
591	9.619 237	16	9.660 529	20	0.339 471	9.958 708	3	409	2 3.2
592	9.619 254	17	9.660 549	20	0.339 451	9.958 704	4	408	3 4.8
593	9.619 270	16	9.660 569	20	0.339 431	9.958 701	3	407	4 6.4
594	9.619 287	17	9.660 590	21	0.339 410	9.958 697	4	406	5 8.0
595	9.619 304	17	9.660 610	20	0.339 390	9.958 694	3	405	6 9.6
596	9.619 320	16	9.660 630	20	0.339 370	9.958 691	4	404	7 11.2
597	9.619 337	17	9.660 650	20	0.339 350	9.958 687	3	403	8 12.8
598	9.619 353	16	9.660 670	20	0.339 330	9.958 684	4	402	9 14.4
599	9.619 370	17	9.660 690	20	0.339 310	9.958 680	3	401	
.600	9.619 386	16	9.660 710	20	0.339 290	9.958 677	4	.400	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

24°.600 — 24°.650

24°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.619 386		9.660 710		0.339 290	9.958 677		.400	
601	9.619 403	17	9.660 730	20	0.339 270	9.958 673	4	399	
602	9.619 419	16	9.660 750	20	0.339 250	9.958 670	3	398	
603	9.619 436	17	9.660 770	20	0.339 230	9.958 666	4	397	
604	9.619 453	17	9.660 790	20	0.339 210	9.958 663	3	396	
605	9.619 469	16	9.660 810	20	0.339 190	9.958 659	4	395	
606	9.619 486	17	9.660 830	20	0.339 170	9.958 656	3	394	
607	9.619 502	16	9.660 850	20	0.339 150	9.958 652	4	393	
608	9.619 519	17	9.660 870	20	0.339 130	9.958 649	3	392	
609	9.619 535	16	9.660 890	20	0.339 110	9.958 645	4	391	
.610	9.619 552	17	9.660 910	20	0.339 090	9.958 642	3	.390	
611	9.619 568	16	9.660 930	20	0.339 070	9.958 638	4	389	
612	9.619 585	17	9.660 950	20	0.339 050	9.958 635	3	388	
613	9.619 602	17	9.660 970	20	0.339 030	9.958 632	3	387	
614	9.619 618	16	9.660 990	20	0.339 010	9.958 628	4	386	
615	9.619 635	17	9.661 010	20	0.338 990	9.958 625	3	385	
616	9.619 651	16	9.661 030	20	0.338 970	9.958 621	4	384	
617	9.619 668	17	9.661 050	20	0.338 950	9.958 618	3	383	
618	9.619 684	16	9.661 070	20	0.338 930	9.958 614	4	382	
619	9.619 701	17	9.661 090	20	0.338 910	9.958 611	3	381	
.620	9.619 717	16	9.661 110	20	0.338 890	9.958 607	4	.380	
621	9.619 734	17	9.661 130	20	0.338 870	9.958 604	3	379	
622	9.619 750	16	9.661 150	20	0.338 850	9.958 600	4	378	
623	9.619 767	17	9.661 170	20	0.338 830	9.958 597	3	377	
624	9.619 783	16	9.661 190	20	0.338 810	9.958 593	4	376	
625	9.619 800	17	9.661 210	20	0.338 790	9.958 590	3	375	
626	9.619 817	17	9.661 230	20	0.338 770	9.958 586	4	374	
627	9.619 833	16	9.661 250	20	0.338 750	9.958 583	3	373	
628	9.619 850	17	9.661 270	20	0.338 730	9.958 579	4	372	
629	9.619 866	16	9.661 290	20	0.338 710	9.958 576	3	371	
.630	9.619 883	17	9.661 310	20	0.338 690	9.958 572	4	.370	
631	9.619 899	16	9.661 330	20	0.338 670	9.958 569	3	369	
632	9.619 916	17	9.661 350	20	0.338 650	9.958 566	3	368	
633	9.619 932	16	9.661 370	20	0.338 630	9.958 562	4	367	
634	9.619 949	17	9.661 390	20	0.338 610	9.958 559	3	366	
635	9.619 965	16	9.661 410	20	0.338 590	9.958 555	4	365	
636	9.619 982	17	9.661 430	20	0.338 570	9.958 552	3	364	
637	9.619 998	16	9.661 450	20	0.338 550	9.958 548	4	363	
638	9.620 015	17	9.661 470	20	0.338 530	9.958 545	3	362	
639	9.620 031	16	9.661 490	20	0.338 510	9.958 541	4	361	
.640	9.620 048	17	9.661 510	20	0.338 490	9.958 538	3	.360	
641	9.620 065	16	9.661 530	20	0.338 470	9.958 534	4	359	
642	9.620 081	17	9.661 550	20	0.338 450	9.958 531	3	358	
643	9.620 098	16	9.661 570	20	0.338 430	9.958 527	4	357	
644	9.620 114	17	9.661 590	20	0.338 410	9.958 524	3	356	
645	9.620 131	16	9.661 610	20	0.338 390	9.958 520	4	355	
646	9.620 147	17	9.661 630	20	0.338 370	9.958 517	3	354	
647	9.620 164	16	9.661 650	20	0.338 350	9.958 513	4	353	
648	9.620 180	17	9.661 670	20	0.338 330	9.958 510	3	352	
649	9.620 197	16	9.661 690	20	0.338 310	9.958 506	4	351	
.650	9.620 213	17	9.661 710	20	0.338 290	9.958 503	3	.350	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.400 — 65°.350

24°.650 — 24°.700

24°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.620 213		9.661 710		0.338 290	9.958 503		.350	
651	9.620 230	17	9.661 730	20	0.338 270	9.958 499	4	349	
652	9.620 246	16	9.661 750	20	0.338 250	9.958 496	3	348	
653	9.620 263	17	9.661 770	20	0.338 230	9.958 493	3	347	
		16		20			4		20
654	9.620 279	17	9.661 790	20	0.338 210	9.958 489	4	346	
655	9.620 296	16	9.661 810	20	0.338 190	9.958 486	3	345	1 2.0
656	9.620 312	16	9.661 830	20	0.338 170	9.958 482	4	344	2 4.0
		17		20			3		3 6.0
657	9.620 329	16	9.661 850	20	0.338 150	9.958 479	3	343	4 8.0
658	9.620 345	17	9.661 870	20	0.338 130	9.958 475	4	342	5 10.0
659	9.620 362	17	9.661 890	20	0.338 110	9.958 472	3	341	6 12.0
		16		20			4		7 14.0
.660	9.620 378	17	9.661 910	20	0.338 090	9.958 468	3	.340	8 16.0
661	9.620 395	16	9.661 930	20	0.338 070	9.958 465	4	339	9 18.0
662	9.620 411	17	9.661 950	20	0.338 050	9.958 461	3	338	
663	9.620 428	16	9.661 970	20	0.338 030	9.958 458	4	337	
		17		20			3		19
664	9.620 444	16	9.661 990	20	0.338 010	9.958 454	4	336	
665	9.620 461	17	9.662 010	20	0.337 990	9.958 451	3	335	
666	9.620 477	16	9.662 030	20	0.337 970	9.958 447	4	334	
		17		20			3		1 1.9
667	9.620 494	16	9.662 050	20	0.337 950	9.958 444	4	333	2 3.8
668	9.620 510	17	9.662 070	20	0.337 930	9.958 440	3	332	3 5.7
669	9.620 527	16	9.662 090	20	0.337 910	9.958 437	4	331	4 7.6
		17		20			3		5 9.5
.670	9.620 543	16	9.662 110	20	0.337 890	9.958 433	4	.330	6 11.4
671	9.620 560	17	9.662 130	20	0.337 870	9.958 430	3	329	7 13.3
672	9.620 576	16	9.662 150	20	0.337 850	9.958 426	4	328	8 15.2
673	9.620 593	17	9.662 170	20	0.337 830	9.958 423	3	327	9 17.1
		16		20			4		
674	9.620 609	17	9.662 190	20	0.337 810	9.958 419	3	326	
675	9.620 626	16	9.662 210	20	0.337 790	9.958 416	4	325	
676	9.620 642	16	9.662 230	20	0.337 770	9.958 412	3	324	
		17		20			4		
677	9.620 659	16	9.662 250	20	0.337 750	9.958 409	3	323	17
678	9.620 675	17	9.662 270	20	0.337 730	9.958 406	4	322	
679	9.620 692	16	9.662 290	20	0.337 710	9.958 402	3	321	1 1.7
		17		20			4		2 3.4
.680	9.620 708	16	9.662 310	20	0.337 690	9.958 399	3	.320	3 5.1
681	9.620 725	17	9.662 330	20	0.337 670	9.958 395	4	319	4 6.8
682	9.620 741	16	9.662 350	20	0.337 650	9.958 392	3	318	5 8.5
683	9.620 758	17	9.662 370	20	0.337 630	9.958 388	4	317	6 10.2
		16		20			3		7 11.9
684	9.620 774	17	9.662 390	20	0.337 610	9.958 385	4	316	8 13.6
685	9.620 791	16	9.662 410	20	0.337 590	9.958 381	3	315	9 15.3
686	9.620 807	17	9.662 430	20	0.337 570	9.958 378	4	314	
		16		20			3		
687	9.620 824	17	9.662 450	20	0.337 550	9.958 374	4	313	
688	9.620 840	16	9.662 470	20	0.337 530	9.958 371	3	312	
689	9.620 857	17	9.662 490	20	0.337 510	9.958 367	4	311	
		16		20			3		16
.690	9.620 873	17	9.662 510	20	0.337 490	9.958 364	4	.310	1 1.6
691	9.620 890	16	9.662 530	20	0.337 470	9.958 360	3	309	2 3.2
692	9.620 906	17	9.662 550	20	0.337 450	9.958 357	4	308	3 4.8
693	9.620 923	16	9.662 570	20	0.337 430	9.958 353	3	307	4 6.4
		17		20			4		5 8.0
694	9.620 939	16	9.662 590	20	0.337 410	9.958 350	3	306	6 9.6
695	9.620 956	17	9.662 609	19	0.337 391	9.958 346	4	305	7 11.2
696	9.620 972	16	9.662 629	20	0.337 371	9.958 343	3	304	8 12.8
		17		20			4		9 14.4
697	9.620 989	16	9.662 649	20	0.337 351	9.958 339	3	303	
698	9.621 005	17	9.662 669	20	0.337 331	9.958 336	4	302	
699	9.621 022	16	9.662 689	20	0.337 311	9.958 332	3	301	
		17		20			4		
.700	9.621 038	16	9.662 709	20	0.337 291	9.958 329	3	.300	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.350 — 65°.300

24°.700 — 24°.750

24°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.621 038		9.662 709		0.337 291	9.958 329		.300	
701	9.621 055	17	9.662 729	20	0.337 271	9.958 325	4	299	
702	9.621 071	16	9.662 749	20	0.337 251	9.958 322	3	298	
703	9.621 088	17	9.662 769	20	0.337 231	9.958 318	4	297	
		16		20			3		20
704	9.621 104	17	9.662 789	20	0.337 211	9.958 315	4	296	1 2.0
705	9.621 121	16	9.662 809	20	0.337 191	9.958 311	3	295	2 4.0
706	9.621 137	16	9.662 829	20	0.337 171	9.958 308	4	294	3 6.0
		16		20			3		4 8.0
707	9.621 153	17	9.662 849	20	0.337 151	9.958 304	4	293	5 10.0
708	9.621 170	17	9.662 869	20	0.337 131	9.958 301	3	292	6 12.0
709	9.621 186	16	9.662 889	20	0.337 111	9.958 297	4	291	7 14.0
		17		20			3		8 16.0
.710	9.621 203	16	9.662 909	20	0.337 091	9.958 294	4	.290	9 18.0
711	9.621 219	17	9.662 929	20	0.337 071	9.958 290	3	289	
712	9.621 236	16	9.662 949	20	0.337 051	9.958 287	3	288	
713	9.621 252	17	9.662 969	20	0.337 031	9.958 284	4	287	
		16		20			3		19
714	9.621 269	17	9.662 989	20	0.337 011	9.958 280	4	286	1 1.9
715	9.621 285	16	9.663 009	20	0.336 991	9.958 277	3	285	2 3.8
716	9.621 302	17	9.663 029	20	0.336 971	9.958 273	4	284	3 5.7
		16		20			3		4 7.6
717	9.621 318	17	9.663 049	20	0.336 951	9.958 270	4	283	5 9.5
718	9.621 335	17	9.663 069	20	0.336 931	9.958 266	3	282	6 11.4
719	9.621 351	16	9.663 089	20	0.336 911	9.958 263	4	281	7 13.3
		17		20			3		8 15.2
.720	9.621 368	16	9.663 109	19	0.336 891	9.958 259	4	.280	9 17.1
721	9.621 384	17	9.663 128	20	0.336 872	9.958 256	3	279	
722	9.621 401	16	9.663 148	20	0.336 852	9.958 252	4	278	
723	9.621 417	16	9.663 168	20	0.336 832	9.958 249	3	277	
		16		20			4		
724	9.621 433	17	9.663 188	20	0.336 812	9.958 245	3	276	
725	9.621 450	16	9.663 208	20	0.336 792	9.958 242	4	275	
726	9.621 466	16	9.663 228	20	0.336 772	9.958 238	3	274	
		17		20			4		
727	9.621 483	16	9.663 248	20	0.336 752	9.958 235	3	273	17
728	9.621 499	17	9.663 268	20	0.336 732	9.958 231	4	272	1 1.7
729	9.621 516	17	9.663 288	20	0.336 712	9.958 228	3	271	2 3.4
		16		20			4		3 5.1
.730	9.621 532	17	9.663 308	20	0.336 692	9.958 224	3	.270	4 6.8
731	9.621 549	16	9.663 328	20	0.336 672	9.958 221	4	269	5 8.5
732	9.621 565	17	9.663 348	20	0.336 652	9.958 217	3	268	6 10.2
733	9.621 582	16	9.663 368	20	0.336 632	9.958 214	4	267	7 11.9
		16		20			3		8 13.6
734	9.621 598	16	9.663 388	20	0.336 612	9.958 210	4	266	9 15.3
735	9.621 614	17	9.663 408	20	0.336 592	9.958 207	3	265	
736	9.621 631	16	9.663 428	20	0.336 572	9.958 203	4	264	
		16		20			3		
737	9.621 647	17	9.663 448	20	0.336 552	9.958 200	4	263	
738	9.621 664	16	9.663 468	20	0.336 532	9.958 196	3	262	
739	9.621 680	17	9.663 488	20	0.336 512	9.958 193	4	261	
		16		19			3		16
.740	9.621 697	16	9.663 507	20	0.336 493	9.958 189	4	.260	1 1.6
741	9.621 713	17	9.663 527	20	0.336 473	9.958 186	3	259	2 3.2
742	9.621 730	16	9.663 547	20	0.336 453	9.958 182	4	258	3 4.8
743	9.621 746	16	9.663 567	20	0.336 433	9.958 179	3	257	4 6.4
		17		20			4		5 8.0
744	9.621 763	16	9.663 587	20	0.336 413	9.958 175	3	256	6 9.6
745	9.621 779	16	9.663 607	20	0.336 393	9.958 172	4	255	7 11.2
746	9.621 795	17	9.663 627	20	0.336 373	9.958 168	3	254	8 12.8
		16		20			4		9 14.4
747	9.621 812	17	9.663 647	20	0.336 353	9.958 165	3	253	
748	9.621 828	16	9.663 667	20	0.336 333	9.958 161	4	252	
749	9.621 845	17	9.663 687	20	0.336 313	9.958 158	3	251	
		16		20			4		
.750	9.621 861		9.663 707		0.336 293	9.958 154		.250	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

24°.750 — 24°.800

24°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.621 861		9.663 707		0.336 293	9.958 154		.250	
751	9.621 878	17	9.663 727	20	0.336 273	9.958 151	3	249	
752	9.621 894	16	9.663 747	20	0.336 253	9.958 147	4	248	
753	9.621 911	17	9.663 767	20	0.336 233	9.958 144	3	247	
		16		20			4		20
754	9.621 927	16	9.663 787	20	0.336 213	9.958 140	3	246	1 2.0
755	9.621 943	17	9.663 807	19	0.336 193	9.958 137	4	245	2 4.0
756	9.621 960	16	9.663 826	20	0.336 174	9.958 133	3	244	3 6.0
		17		20			4		4 8.0
757	9.621 976	17	9.663 846	20	0.336 154	9.958 130	3	243	5 10.0
758	9.621 993	16	9.663 866	20	0.336 134	9.958 126	4	242	6 12.0
759	9.622 009	17	9.663 886	20	0.336 114	9.958 123	3	241	7 14.0
		16		20			4		8 16.0
.760	9.622 026	16	9.663 906	20	0.336 094	9.958 119	3	.240	9 18.0
761	9.622 042	16	9.663 926	20	0.336 074	9.958 116	4	239	
762	9.622 058	17	9.663 946	20	0.336 054	9.958 112	3	238	
763	9.622 075	16	9.663 966	20	0.336 034	9.958 109	4	237	
		17		20			3		19
764	9.622 091	17	9.663 986	20	0.336 014	9.958 105	4	236	1 1.9
765	9.622 108	16	9.664 006	20	0.335 994	9.958 102	3	235	2 3.8
766	9.622 124	17	9.664 026	20	0.335 974	9.958 098	4	234	3 5.7
		16		20			3		4 7.6
767	9.622 141	16	9.664 046	20	0.335 954	9.958 095	4	233	5 9.5
768	9.622 157	16	9.664 066	20	0.335 934	9.958 091	3	232	6 11.4
769	9.622 173	17	9.664 086	19	0.335 914	9.958 088	4	231	7 13.3
		16		20			3		8 15.2
.770	9.622 190	16	9.664 105	20	0.335 895	9.958 084	4	.230	9 17.1
771	9.622 206	17	9.664 125	20	0.335 875	9.958 081	3	229	
772	9.622 223	16	9.664 145	20	0.335 855	9.958 077	4	228	
773	9.622 239	17	9.664 165	20	0.335 835	9.958 074	3	227	
		16		20			4		
774	9.622 256	16	9.664 185	20	0.335 815	9.958 070	3	226	
775	9.622 272	16	9.664 205	20	0.335 795	9.958 067	4	225	
776	9.622 288	17	9.664 225	20	0.335 775	9.958 063	3	224	
		16		20			4		
777	9.622 305	16	9.664 245	20	0.335 755	9.958 060	3	223	17
778	9.622 321	17	9.664 265	20	0.335 735	9.958 056	4	222	1 1.7
779	9.622 338	16	9.664 285	20	0.335 715	9.958 053	3	221	2 3.4
		17		20			4		3 5.1
.780	9.622 354	16	9.664 305	20	0.335 695	9.958 049	3	.220	4 6.8
781	9.622 371	16	9.664 325	20	0.335 675	9.958 046	4	219	5 8.5
782	9.622 387	16	9.664 345	19	0.335 655	9.958 042	3	218	6 10.2
783	9.622 403	17	9.664 364	20	0.335 636	9.958 039	4	217	7 11.9
		16		20			3		8 13.6
784	9.622 420	16	9.664 384	20	0.335 616	9.958 035	4	216	9 15.3
785	9.622 436	17	9.664 404	20	0.335 596	9.958 032	3	215	
786	9.622 453	16	9.664 424	20	0.335 576	9.958 028	4	214	
		17		20			3		
787	9.622 469	16	9.664 444	20	0.335 556	9.958 025	4	213	
788	9.622 485	17	9.664 464	20	0.335 536	9.958 021	3	212	
789	9.622 502	16	9.664 484	20	0.335 516	9.958 018	4	211	16
		17		20			3		
.790	9.622 518	16	9.664 504	20	0.335 496	9.958 014	4	.210	1 1.6
791	9.622 535	16	9.664 524	20	0.335 476	9.958 011	3	209	2 3.2
792	9.622 551	17	9.664 544	20	0.335 456	9.958 007	4	208	3 4.8
793	9.622 568	16	9.664 564	19	0.335 436	9.958 004	3	207	4 6.4
		17		20			4		5 8.0
794	9.622 584	16	9.664 583	20	0.335 417	9.958 000	3	206	6 9.6
795	9.622 600	17	9.664 603	20	0.335 397	9.957 997	4	205	7 11.2
796	9.622 617	16	9.664 623	20	0.335 377	9.957 993	3	204	8 12.8
		17		20			4		9 14.4
797	9.622 633	16	9.664 643	20	0.335 357	9.957 990	3	203	
798	9.622 650	17	9.664 663	20	0.335 337	9.957 986	4	202	
799	9.622 666	16	9.664 683	20	0.335 317	9.957 983	3	201	
		17		20			4		
.800	9.622 682	16	9.664 703	20	0.335 297	9.957 979	3	.200	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.250 — 65°.200

24°.800 — 24°.850

24°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.622 682		9.664 703		0.335 297	9.957 979		.200	
801	9.622 699	17	9.664 723	20	0.335 277	9.957 976	3	199	
802	9.622 715	16	9.664 743	20	0.335 257	9.957 972	4	198	
803	9.622 732	17	9.664 763	20	0.335 237	9.957 969	3	197	
		16		20			4		20
804	9.622 748	16	9.664 783	19	0.335 217	9.957 965	3	196	1 2.0
805	9.622 764	17	9.664 802	20	0.335 198	9.957 962	4	195	2 4.0
806	9.622 781	16	9.664 822	20	0.335 178	9.957 958	3	194	3 6.0
		16		20			4		4 8.0
807	9.622 797	17	9.664 842	20	0.335 158	9.957 955	3	193	5 10.0
808	9.622 814	16	9.664 862	20	0.335 138	9.957 951	4	192	6 12.0
809	9.622 830	16	9.664 882	20	0.335 118	9.957 948	3	191	7 14.0
		16		20			4		8 16.0
.810	9.622 846	17	9.664 902	20	0.335 098	9.957 944	3	.190	9 18.0
811	9.622 863	16	9.664 922	20	0.335 078	9.957 941	4	189	
812	9.622 879	17	9.664 942	20	0.335 058	9.957 937	3	188	
813	9.622 896	16	9.664 962	20	0.335 038	9.957 934	4	187	
		16		20			3		19
814	9.622 912	16	9.664 982	19	0.335 018	9.957 930	4	186	1 1.9
815	9.622 928	17	9.665 001	20	0.334 999	9.957 927	3	185	2 3.8
816	9.622 945	16	9.665 021	20	0.334 979	9.957 923	4	184	3 5.7
		16		20			3		4 7.6
817	9.622 961	17	9.665 041	20	0.334 959	9.957 920	4	183	5 9.5
818	9.622 978	16	9.665 061	20	0.334 939	9.957 916	3	182	6 11.4
819	9.622 994	16	9.665 081	20	0.334 919	9.957 913	4	181	7 13.3
		16		20			3		8 15.2
.820	9.623 010	17	9.665 101	20	0.334 899	9.957 909	4	.180	9 17.1
821	9.623 027	16	9.665 121	20	0.334 879	9.957 906	3	179	
822	9.623 043	16	9.665 141	20	0.334 859	9.957 902	4	178	
823	9.623 059	17	9.665 161	20	0.334 839	9.957 899	3	177	
		17		20			4		
824	9.623 076	16	9.665 181	19	0.334 819	9.957 895	3	176	
825	9.623 092	17	9.665 200	20	0.334 800	9.957 892	4	175	
826	9.623 109	16	9.665 220	20	0.334 780	9.957 888	3	174	
		16		20			4		
827	9.623 125	16	9.665 240	20	0.334 760	9.957 885	3	173	17
828	9.623 141	17	9.665 260	20	0.334 740	9.957 881	4	172	1 1.7
829	9.623 158	16	9.665 280	20	0.334 720	9.957 878	3	171	2 3.4
		16		20			4		3 5.1
.830	9.623 174	17	9.665 300	20	0.334 700	9.957 874	3	.170	4 6.8
831	9.623 191	16	9.665 320	20	0.334 680	9.957 871	4	169	5 8.5
832	9.623 207	16	9.665 340	20	0.334 660	9.957 867	3	168	6 10.2
833	9.623 223	17	9.665 360	19	0.334 640	9.957 864	4	167	7 11.9
		16		20			3		8 13.6
834	9.623 240	16	9.665 379	20	0.334 621	9.957 860	4	166	9 15.3
835	9.623 256	16	9.665 399	20	0.334 601	9.957 857	3	165	
836	9.623 272	17	9.665 419	20	0.334 581	9.957 853	4	164	
		16		20			3		
837	9.623 289	16	9.665 439	20	0.334 561	9.957 850	4	163	
838	9.623 305	17	9.665 459	20	0.334 541	9.957 846	3	162	
839	9.623 322	16	9.665 479	20	0.334 521	9.957 843	4	161	16
		16		20			3		
.840	9.623 338	17	9.665 499	20	0.334 501	9.957 839	4	.160	1 1.6
841	9.623 354	16	9.665 519	20	0.334 481	9.957 836	3	159	2 3.2
842	9.623 371	17	9.665 539	20	0.334 461	9.957 832	4	158	3 4.8
843	9.623 387	16	9.665 558	19	0.334 442	9.957 829	3	157	4 6.4
		16		20			4		5 8.0
844	9.623 403	17	9.665 578	20	0.334 422	9.957 825	3	156	6 9.6
845	9.623 420	16	9.665 598	20	0.334 402	9.957 822	4	155	7 11.2
846	9.623 436	17	9.665 618	20	0.334 382	9.957 818	3	154	8 12.8
		16		20			4		9 14.4
847	9.623 453	16	9.665 638	20	0.334 362	9.957 815	3	153	
848	9.623 469	16	9.665 658	20	0.334 342	9.957 811	4	152	
849	9.623 485	17	9.665 678	20	0.334 322	9.957 808	3	151	
		16		20			4		
.850	9.623 502	17	9.665 698	20	0.334 302	9.957 804	3	.150	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.200 — 65°.150

24°.850 — 24°.900

24°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.623 502		9.665 698		0.334 302	9.957 804		.150	
851	9.623 518	16	9.665 717	19	0.334 283	9.957 801	3	149	
852	9.623 534	16	9.665 737	20	0.334 263	9.957 797	4	148	
853	9.623 551	17	9.665 757	20	0.334 243	9.957 794	3	147	
		16		20			4		20
854	9.623 567	16	9.665 777	20	0.334 223	9.957 790	3	146	1 2.0
855	9.623 583	17	9.665 797	20	0.334 203	9.957 787	4	145	2 4.0
856	9.623 600	16	9.665 817	20	0.334 183	9.957 783	3	144	3 6.0
		17		20			4		4 8.0
857	9.623 616	17	9.665 837	20	0.334 163	9.957 780	3	143	5 10.0
858	9.623 633	16	9.665 857	19	0.334 143	9.957 776	4	142	6 12.0
859	9.623 649	16	9.665 876	20	0.334 124	9.957 772	3	141	7 14.0
.860	9.623 665	17	9.665 896	20	0.334 104	9.957 769	4	.140	8 16.0
861	9.623 682	16	9.665 916	20	0.334 084	9.957 765	3	139	9 18.0
862	9.623 698	16	9.665 936	20	0.334 064	9.957 762	4	138	
863	9.623 714	17	9.665 956	20	0.334 044	9.957 758	3	137	
		16		20			4		19
864	9.623 731	16	9.665 976	20	0.334 024	9.957 755	3	136	1 1.9
865	9.623 747	16	9.665 996	20	0.334 004	9.957 751	4	135	2 3.8
866	9.623 763	17	9.666 016	19	0.333 984	9.957 748	3	134	3 5.7
		16		20			4		4 7.6
867	9.623 780	16	9.666 035	20	0.333 965	9.957 744	3	133	5 9.5
868	9.623 796	16	9.666 055	20	0.333 945	9.957 741	4	132	6 11.4
869	9.623 812	17	9.666 075	20	0.333 925	9.957 737	3	131	7 13.3
.870	9.623 829	16	9.666 095	20	0.333 905	9.957 734	4	.130	8 15.2
871	9.623 845	17	9.666 115	20	0.333 885	9.957 730	3	129	9 17.1
872	9.623 862	16	9.666 135	20	0.333 865	9.957 727	4	128	
873	9.623 878	16	9.666 155	19	0.333 845	9.957 723	3	127	
		17		20			4		17
874	9.623 894	17	9.666 174	20	0.333 826	9.957 720	3	126	1 1.7
875	9.623 911	16	9.666 194	20	0.333 806	9.957 716	4	125	2 3.4
876	9.623 927	16	9.666 214	20	0.333 786	9.957 713	3	124	3 5.1
		16		20			4		4 6.8
877	9.623 943	17	9.666 234	20	0.333 766	9.957 709	3	123	5 8.5
878	9.623 960	16	9.666 254	20	0.333 746	9.957 706	4	122	6 10.2
879	9.623 976	16	9.666 274	20	0.333 726	9.957 702	3	121	7 11.9
.880	9.623 992	17	9.666 294	19	0.333 706	9.957 699	4	.120	8 13.6
881	9.624 009	16	9.666 313	20	0.333 687	9.957 695	3	119	9 15.3
882	9.624 025	16	9.666 333	20	0.333 667	9.957 692	4	118	
883	9.624 041	17	9.666 353	20	0.333 647	9.957 688	3	117	
		16		20			4		16
884	9.624 058	16	9.666 373	20	0.333 627	9.957 685	3	116	1 1.6
885	9.624 074	16	9.666 393	20	0.333 607	9.957 681	4	115	2 3.2
886	9.624 090	17	9.666 413	20	0.333 587	9.957 678	3	114	3 4.8
		16		20			4		4 6.4
887	9.624 107	16	9.666 433	19	0.333 567	9.957 674	3	113	5 8.0
888	9.624 123	16	9.666 452	20	0.333 548	9.957 671	4	112	6 9.6
889	9.624 139	17	9.666 472	20	0.333 528	9.957 667	3	111	7 11.2
.890	9.624 156	16	9.666 492	20	0.333 508	9.957 664	4	.110	8 12.8
891	9.624 172	16	9.666 512	20	0.333 488	9.957 660	3	109	9 14.4
892	9.624 188	17	9.666 532	20	0.333 468	9.957 657	4	108	
893	9.624 205	16	9.666 552	20	0.333 448	9.957 653	3	107	
		16		20			4		
894	9.624 221	16	9.666 572	19	0.333 428	9.957 649	3	106	
895	9.624 237	17	9.666 591	20	0.333 409	9.957 646	4	105	
896	9.624 254	16	9.666 611	20	0.333 389	9.957 642	3	104	
		16		20			4		
897	9.624 270	16	9.666 631	20	0.333 369	9.957 639	3	103	
898	9.624 286	17	9.666 651	20	0.333 349	9.957 635	4	102	
899	9.624 303	16	9.666 671	20	0.333 329	9.957 632	3	101	
.900	9.624 319	16	9.666 691	20	0.333 309	9.957 628	4	.100	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.150 — 65°.100

24°.900 — 24°.950

24°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.624 319	16	9.666 691	20	0.333 309	9.957 628	3	.100	
901	9.624 335	17	9.666 711	19	0.333 289	9.957 625	4	099	
902	9.624 352	16	9.666 730	20	0.333 270	9.957 621	3	098	
903	9.624 368	16	9.666 750	20	0.333 250	9.957 618	4	097	
904	9.624 384	17	9.666 770	20	0.333 230	9.957 614	3	096	20
905	9.624 401	16	9.666 790	20	0.333 210	9.957 611	4	095	1 2.0
906	9.624 417	16	9.666 810	20	0.333 190	9.957 607	3	094	2 4.0
907	9.624 433	17	9.666 830	19	0.333 170	9.957 604	4	093	3 6.0
908	9.624 450	16	9.666 849	20	0.333 151	9.957 600	3	092	4 8.0
909	9.624 466	16	9.666 869	20	0.333 131	9.957 597	4	091	5 10.0
.910	9.624 482	17	9.666 889	20	0.333 111	9.957 593	3	.090	6 12.0
911	9.624 499	16	9.666 909	20	0.333 091	9.957 590	4	089	7 14.0
912	9.624 515	16	9.666 929	20	0.333 071	9.957 586	3	088	8 16.0
913	9.624 531	17	9.666 949	19	0.333 051	9.957 583	4	087	9 18.0
914	9.624 548	16	9.666 968	20	0.333 032	9.957 579	3	086	
915	9.624 564	16	9.666 988	20	0.333 012	9.957 576	4	085	19
916	9.624 580	17	9.667 008	20	0.332 992	9.957 572	3	084	1 1.9
917	9.624 597	16	9.667 028	20	0.332 972	9.957 569	4	083	2 3.8
918	9.624 613	16	9.667 048	20	0.332 952	9.957 565	3	082	3 5.7
919	9.624 629	16	9.667 068	20	0.332 932	9.957 561	4	081	4 7.6
.920	9.624 645	17	9.667 088	19	0.332 912	9.957 558	3	.080	5 9.5
921	9.624 662	16	9.667 107	20	0.332 893	9.957 554	4	079	6 11.4
922	9.624 678	16	9.667 127	20	0.332 873	9.957 551	3	078	7 13.3
923	9.624 694	17	9.667 147	20	0.332 853	9.957 547	4	077	8 15.2
924	9.624 711	16	9.667 167	20	0.332 833	9.957 544	3	076	9 17.1
925	9.624 727	16	9.667 187	20	0.332 813	9.957 540	4	075	
926	9.624 743	17	9.667 207	19	0.332 793	9.957 537	3	074	
927	9.624 760	16	9.667 226	20	0.332 774	9.957 533	4	073	17
928	9.624 776	16	9.667 246	20	0.332 754	9.957 530	3	072	1 1.7
929	9.624 792	17	9.667 266	20	0.332 734	9.957 526	4	071	2 3.4
.930	9.624 809	16	9.667 286	20	0.332 714	9.957 523	3	.070	3 5.1
931	9.624 825	16	9.667 306	20	0.332 694	9.957 519	4	069	4 6.8
932	9.624 841	17	9.667 326	19	0.332 674	9.957 516	3	068	5 8.5
933	9.624 858	16	9.667 345	20	0.332 655	9.957 512	4	067	6 10.2
934	9.624 874	16	9.667 365	20	0.332 635	9.957 509	3	066	7 11.9
935	9.624 890	16	9.667 385	20	0.332 615	9.957 505	4	065	8 13.6
936	9.624 906	17	9.667 405	20	0.332 595	9.957 502	3	064	9 15.3
937	9.624 923	16	9.667 425	20	0.332 575	9.957 498	4	063	
938	9.624 939	16	9.667 444	20	0.332 556	9.957 495	3	062	
939	9.624 955	17	9.667 464	20	0.332 536	9.957 491	4	061	16
.940	9.624 972	16	9.667 484	20	0.332 516	9.957 487	3	.060	1 1.6
941	9.624 988	16	9.667 504	20	0.332 496	9.957 484	4	059	2 3.2
942	9.625 004	17	9.667 524	20	0.332 476	9.957 480	3	058	3 4.8
943	9.625 021	16	9.667 544	20	0.332 456	9.957 477	4	057	4 6.4
944	9.625 037	16	9.667 563	19	0.332 437	9.957 473	3	056	5 8.0
945	9.625 053	16	9.667 583	20	0.332 417	9.957 470	4	055	6 9.6
946	9.625 069	17	9.667 603	20	0.332 397	9.957 466	3	054	7 11.2
947	9.625 086	16	9.667 623	20	0.332 377	9.957 463	4	053	8 12.8
948	9.625 102	16	9.667 643	20	0.332 357	9.957 459	3	052	9 14.4
949	9.625 118	17	9.667 663	19	0.332 337	9.957 456	4	051	
.950	9.625 135	16	9.667 682	20	0.332 318	9.957 452	3	.050	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

65°.100 — 65°.050

24°.950 — 25°.000

24°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.625 135	16	9.667 682	20	0.332 318	9.957 452	3	.050	
951	9.625 151	16	9.667 702	20	0.332 298	9.957 449	3	049	
952	9.625 167	16	9.667 722	20	0.332 278	9.957 445	4	048	
953	9.625 183	16	9.667 742	20	0.332 258	9.957 442	3	047	
		17		20			4		20
954	9.625 200	16	9.667 762	20	0.332 238	9.957 438	3	046	1 2.0
955	9.625 216	16	9.667 781	19	0.332 219	9.957 435	4	045	2 4.0
956	9.625 232	16	9.667 801	20	0.332 199	9.957 431	3	044	3 6.0
		17		20			4		4 8.0
957	9.625 249	16	9.667 821	20	0.332 179	9.957 428	3	043	5 10.0
958	9.625 265	16	9.667 841	20	0.332 159	9.957 424	4	042	6 12.0
959	9.625 281	16	9.667 861	20	0.332 139	9.957 420	3	041	7 14.0
		16		19			4		8 16.0
.960	9.625 297	17	9.667 880	20	0.332 120	9.957 417	3	.040	9 18.0
961	9.625 314	16	9.667 900	20	0.332 100	9.957 413	4	039	
962	9.625 330	16	9.667 920	20	0.332 080	9.957 410	3	038	
963	9.625 346	16	9.667 940	20	0.332 060	9.957 406	4	037	
		17		20			3		
964	9.625 363	16	9.667 960	20	0.332 040	9.957 403	4	036	
965	9.625 379	16	9.667 980	20	0.332 020	9.957 399	3	035	
966	9.625 395	16	9.667 999	19	0.332 001	9.957 396	4	034	19
		16		20			3		1 1.9
967	9.625 411	17	9.668 019	20	0.331 981	9.957 392	4	033	2 3.8
968	9.625 428	16	9.668 039	20	0.331 961	9.957 389	3	032	3 5.7
969	9.625 444	16	9.668 059	20	0.331 941	9.957 385	4	031	4 7.6
		16		20			3		5 9.5
.970	9.625 460	17	9.668 079	19	0.331 921	9.957 382	4	.030	6 11.4
971	9.625 477	16	9.668 098	20	0.331 902	9.957 378	3	029	7 13.3
972	9.625 493	16	9.668 118	20	0.331 882	9.957 375	4	028	8 15.2
973	9.625 509	16	9.668 138	20	0.331 862	9.957 371	3	027	9 17.1
		16		20			4		
974	9.625 525	17	9.668 158	20	0.331 842	9.957 368	3	026	
975	9.625 542	16	9.668 178	20	0.331 822	9.957 364	4	025	
976	9.625 558	16	9.668 197	19	0.331 803	9.957 360	3	024	
		16		20			4		
977	9.625 574	16	9.668 217	20	0.331 783	9.957 357	3	023	17
978	9.625 590	17	9.668 237	20	0.331 763	9.957 353	4	022	1 1.7
979	9.625 607	16	9.668 257	20	0.331 743	9.957 350	3	021	2 3.4
		16		20			4		3 5.1
.980	9.625 623	16	9.668 277	19	0.331 723	9.957 346	3	.020	4 6.8
981	9.625 639	17	9.668 296	20	0.331 704	9.957 343	4	019	5 8.5
982	9.625 656	16	9.668 316	20	0.331 684	9.957 339	3	018	6 10.2
983	9.625 672	16	9.668 336	20	0.331 664	9.957 336	4	017	7 11.9
		16		20			3		8 13.6
984	9.625 688	16	9.668 356	20	0.331 644	9.957 332	4	016	9 15.3
985	9.625 704	17	9.668 376	19	0.331 624	9.957 329	3	015	
986	9.625 721	16	9.668 395	20	0.331 605	9.957 325	4	014	
		16		20			3		
987	9.625 737	16	9.668 415	20	0.331 585	9.957 322	4	013	
988	9.625 753	16	9.668 435	20	0.331 565	9.957 318	3	012	
989	9.625 769	16	9.668 455	20	0.331 545	9.957 315	4	011	16
		17		20			3		
.990	9.625 786	16	9.668 475	19	0.331 525	9.957 311	4	.010	1 1.6
991	9.625 802	16	9.668 494	20	0.331 506	9.957 308	3	009	2 3.2
992	9.625 818	16	9.668 514	20	0.331 486	9.957 304	4	008	3 4.8
993	9.625 834	16	9.668 534	20	0.331 466	9.957 300	3	007	4 6.4
		17		20			4		5 8.0
994	9.625 851	16	9.668 554	20	0.331 446	9.957 297	3	006	6 9.6
995	9.625 867	16	9.668 574	20	0.331 426	9.957 293	4	005	7 11.2
996	9.625 883	16	9.668 593	19	0.331 407	9.957 290	3	004	8 12.8
		16		20			4		9 14.4
997	9.625 899	17	9.668 613	20	0.331 387	9.957 286	3	003	
998	9.625 916	16	9.668 633	20	0.331 367	9.957 283	4	002	
999	9.625 932	16	9.668 653	20	0.331 347	9.957 279	3	001	
		16		20			4		
*.000	9.625 948	16	9.668 673	20	0.331 327	9.957 276	3	.000	
	cos	d	cotg	d	tang	sin	d	65°	P.P.

25°.000 — 25°.050

25°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.625 948		9.668 673		0.331 327	9.957 276		*.000	
001	9.625 965	17	9.668 692	19	0.331 308	9.957 272	4	999	
002	9.625 981	16	9.668 712	20	0.331 288	9.957 269	3	998	
003	9.625 997	16	9.668 732	20	0.331 268	9.957 265	4	997	
004	9.626 013	16	9.668 752	20	0.331 248	9.957 262	3	996	20
005	9.626 030	17	9.668 771	19	0.331 229	9.957 258	4	995	1 2.0
006	9.626 046	16	9.668 791	20	0.331 209	9.957 255	3	994	2 4.0
007	9.626 062	16	9.668 811	20	0.331 189	9.957 251	4	993	3 6.0
008	9.626 078	16	9.668 831	20	0.331 169	9.957 247	4	992	4 8.0
009	9.626 095	17	9.668 851	20	0.331 149	9.957 244	3	991	5 10.0
.010	9.626 111	16	9.668 870	19	0.331 130	9.957 240	4	.990	6 12.0
		16		20			3		7 14.0
011	9.626 127	16	9.668 890	20	0.331 110	9.957 237	4	989	8 16.0
012	9.626 143	16	9.668 910	20	0.331 090	9.957 233	3	988	9 18.0
013	9.626 160	17	9.668 930	20	0.331 070	9.957 230	4	987	
014	9.626 176	16	9.668 950	20	0.331 050	9.957 226	3	986	
015	9.626 192	16	9.668 969	19	0.331 031	9.957 223	4	985	19
016	9.626 208	16	9.668 989	20	0.331 011	9.957 219	3	984	1 1.9
017	9.626 224	16	9.669 009	20	0.330 991	9.957 216	4	983	2 3.8
018	9.626 241	17	9.669 029	20	0.330 971	9.957 212	3	982	3 5.7
019	9.626 257	16	9.669 048	19	0.330 952	9.957 209	4	981	4 7.6
.020	9.626 273	16	9.669 068	20	0.330 932	9.957 205	3	.980	5 9.5
		16		20			4		6 11.4
021	9.626 289	17	9.669 088	20	0.330 912	9.957 201	3	979	7 13.3
022	9.626 306	16	9.669 108	20	0.330 892	9.957 198	4	978	8 15.2
023	9.626 322	16	9.669 128	20	0.330 872	9.957 194	3	977	9 17.1
024	9.626 338	16	9.669 147	19	0.330 853	9.957 191	4	976	
025	9.626 354	16	9.669 167	20	0.330 833	9.957 187	3	975	
026	9.626 371	17	9.669 187	20	0.330 813	9.957 184	4	974	
027	9.626 387	16	9.669 207	20	0.330 793	9.957 180	3	973	17
028	9.626 403	16	9.669 226	19	0.330 774	9.957 177	4	972	1 1.7
029	9.626 419	16	9.669 246	20	0.330 754	9.957 173	3	971	2 3.4
.030	9.626 436	17	9.669 266	20	0.330 734	9.957 170	4	.970	3 5.1
		16		20			3		4 6.8
031	9.626 452	16	9.669 286	20	0.330 714	9.957 166	4	969	5 8.5
032	9.626 468	16	9.669 306	20	0.330 694	9.957 163	3	968	6 10.2
033	9.626 484	16	9.669 325	19	0.330 675	9.957 159	4	967	7 11.9
034	9.626 501	17	9.669 345	20	0.330 655	9.957 155	3	966	8 13.6
035	9.626 517	16	9.669 365	20	0.330 635	9.957 152	4	965	9 15.3
036	9.626 533	16	9.669 385	20	0.330 615	9.957 148	3	964	
037	9.626 549	16	9.669 404	19	0.330 596	9.957 145	4	963	
038	9.626 565	16	9.669 424	20	0.330 576	9.957 141	3	962	
039	9.626 582	17	9.669 444	20	0.330 556	9.957 138	4	961	16
.040	9.626 598	16	9.669 464	20	0.330 536	9.957 134	3	.960	1 1.6
		16		19			4		2 3.2
041	9.626 614	16	9.669 483	20	0.330 517	9.957 131	3	959	3 4.8
042	9.626 630	17	9.669 503	20	0.330 497	9.957 127	4	958	4 6.4
043	9.626 647	16	9.669 523	20	0.330 477	9.957 124	3	957	5 8.0
044	9.626 663	16	9.669 543	20	0.330 457	9.957 120	4	956	6 9.6
045	9.626 679	16	9.669 562	19	0.330 438	9.957 116	3	955	7 11.2
046	9.626 695	16	9.669 582	20	0.330 418	9.957 113	4	954	8 12.8
047	9.626 711	16	9.669 602	20	0.330 398	9.957 109	3	953	9 14.4
048	9.626 728	17	9.669 622	20	0.330 378	9.957 106	4	952	
049	9.626 744	16	9.669 642	20	0.330 358	9.957 102	3	951	
.050	9.626 760	16	9.669 661	19	0.330 339	9.957 099	4	.950	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.050 — 25°.100

25°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.626 760	16	9.669 661	20	0.330 339	9.957 099	4	.950	
051	9.626 776	17	9.669 681	20	0.330 319	9.957 095	3	949	
052	9.626 793	16	9.669 701	20	0.330 299	9.957 092	4	948	
053	9.626 809	16	9.669 721	19	0.330 279	9.957 088	3	947	
054	9.626 825	16	9.669 740	20	0.330 260	9.957 085	4	946	20
055	9.626 841	16	9.669 760	20	0.330 240	9.957 081	3	945	1 2.0
056	9.626 857	17	9.669 780	20	0.330 220	9.957 078	4	944	2 4.0
057	9.626 874	16	9.669 800	19	0.330 200	9.957 074	3	943	3 6.0
058	9.626 890	16	9.669 819	20	0.330 181	9.957 070	4	942	4 8.0
059	9.626 906	16	9.669 839	20	0.330 161	9.957 067	3	941	5 10.0
.060	9.626 922	16	9.669 859	20	0.330 141	9.957 063	4	.940	6 12.0
061	9.626 938	17	9.669 879	20	0.330 121	9.957 060	3	939	7 14.0
062	9.626 955	16	9.669 898	19	0.330 102	9.957 056	4	938	8 16.0
063	9.626 971	16	9.669 918	20	0.330 082	9.957 053	3	937	9 18.0
064	9.626 987	16	9.669 938	20	0.330 062	9.957 049	4	936	
065	9.627 003	16	9.669 958	20	0.330 042	9.957 046	3	935	
066	9.627 019	16	9.669 977	19	0.330 023	9.957 042	4	934	19
067	9.627 036	17	9.669 997	20	0.330 003	9.957 039	3	933	1 1.9
068	9.627 052	16	9.670 017	20	0.329 983	9.957 035	4	932	2 3.8
069	9.627 068	16	9.670 037	20	0.329 963	9.957 031	3	931	3 5.7
.070	9.627 084	17	9.670 056	19	0.329 944	9.957 028	4	.930	4 7.6
071	9.627 101	16	9.670 076	20	0.329 924	9.957 024	3	929	5 9.5
072	9.627 117	16	9.670 096	20	0.329 904	9.957 021	4	928	6 11.4
073	9.627 133	16	9.670 116	19	0.329 884	9.957 017	3	927	7 13.3
074	9.627 149	16	9.670 135	20	0.329 865	9.957 014	4	926	8 15.2
075	9.627 165	17	9.670 155	20	0.329 845	9.957 010	3	925	9 17.1
076	9.627 182	16	9.670 175	20	0.329 825	9.957 007	4	924	
077	9.627 198	16	9.670 195	19	0.329 805	9.957 003	3	923	17
078	9.627 214	16	9.670 214	20	0.329 786	9.957 000	4	922	1 1.7
079	9.627 230	16	9.670 234	20	0.329 766	9.956 996	3	921	2 3.4
.080	9.627 246	16	9.670 254	20	0.329 746	9.956 992	4	.920	3 5.1
081	9.627 262	17	9.670 274	19	0.329 726	9.956 989	3	919	4 6.8
082	9.627 279	16	9.670 293	20	0.329 707	9.956 985	4	918	5 8.5
083	9.627 295	16	9.670 313	20	0.329 687	9.956 982	3	917	6 10.2
084	9.627 311	16	9.670 333	20	0.329 667	9.956 978	4	916	7 11.9
085	9.627 327	16	9.670 353	19	0.329 647	9.956 975	3	915	8 13.6
086	9.627 343	17	9.670 372	20	0.329 628	9.956 971	4	914	9 15.3
087	9.627 360	16	9.670 392	20	0.329 608	9.956 968	3	913	
088	9.627 376	16	9.670 412	20	0.329 588	9.956 964	4	912	
089	9.627 392	16	9.670 432	19	0.329 568	9.956 960	3	911	16
.090	9.627 408	16	9.670 451	20	0.329 549	9.956 957	4	.910	1 1.6
091	9.627 424	17	9.670 471	20	0.329 529	9.956 953	3	909	2 3.2
092	9.627 441	16	9.670 491	19	0.329 509	9.956 950	4	908	3 4.8
093	9.627 457	16	9.670 510	20	0.329 490	9.956 946	3	907	4 6.4
094	9.627 473	16	9.670 530	20	0.329 470	9.956 943	4	906	5 8.0
095	9.627 489	16	9.670 550	19	0.329 450	9.956 939	3	905	6 9.6
096	9.627 505	17	9.670 570	20	0.329 430	9.956 936	4	904	7 11.2
097	9.627 522	16	9.670 589	20	0.329 411	9.956 932	3	903	8 12.8
098	9.627 538	16	9.670 609	20	0.329 391	9.956 929	4	902	9 14.4
099	9.627 554	16	9.670 629	20	0.329 371	9.956 925	3	901	
.100	9.627 570	16	9.670 649	20	0.329 351	9.956 921	4	.900	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.950 — 64°.900

25°.100 — 25°.150

25°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.627 570	16	9.670 649	19	0.329 351	9.956 921	3	.900	
101	9.627 586	16	9.670 668	20	0.329 332	9.956 918	4	899	
102	9.627 602	17	9.670 688	20	0.329 312	9.956 914	3	898	
103	9.627 619	16	9.670 708	20	0.329 292	9.956 911	4	897	
104	9.627 635	16	9.670 728	19	0.329 272	9.956 907	3	896	20
105	9.627 651	16	9.670 747	20	0.329 253	9.956 904	4	895	1 2.0
106	9.627 667	16	9.670 767	20	0.329 233	9.956 900	3	894	2 4.0
107	9.627 683	16	9.670 787	20	0.329 213	9.956 897	4	893	3 6.0
108	9.627 699	17	9.670 806	19	0.329 194	9.956 893	3	892	4 8.0
109	9.627 716	16	9.670 826	20	0.329 174	9.956 889	4	891	5 10.0
.110	9.627 732	16	9.670 846	20	0.329 154	9.956 886	3	.890	6 12.0
111	9.627 748	16	9.670 866	20	0.329 134	9.956 882	4	889	7 14.0
112	9.627 764	16	9.670 885	19	0.329 115	9.956 879	3	888	8 16.0
113	9.627 780	16	9.670 905	20	0.329 095	9.956 875	4	887	9 18.0
114	9.627 797	17	9.670 925	20	0.329 075	9.956 872	3	886	
115	9.627 813	16	9.670 945	20	0.329 055	9.956 868	4	885	
116	9.627 829	16	9.670 964	19	0.329 036	9.956 865	3	884	19
117	9.627 845	16	9.670 984	20	0.329 016	9.956 861	4	883	1 1.9
118	9.627 861	16	9.671 004	20	0.328 996	9.956 858	3	882	2 3.8
119	9.627 877	16	9.671 023	19	0.328 977	9.956 854	4	881	3 5.7
.120	9.627 894	17	9.671 043	20	0.328 957	9.956 850	3	.880	4 7.6
121	9.627 910	16	9.671 063	20	0.328 937	9.956 847	4	879	5 9.5
122	9.627 926	16	9.671 083	20	0.328 917	9.956 843	3	878	6 11.4
123	9.627 942	16	9.671 102	19	0.328 898	9.956 840	4	877	7 13.3
124	9.627 958	16	9.671 122	20	0.328 878	9.956 836	3	876	8 15.2
125	9.627 974	16	9.671 142	19	0.328 858	9.956 833	4	875	9 17.1
126	9.627 991	17	9.671 161	20	0.328 839	9.956 829	3	874	
127	9.628 007	16	9.671 181	20	0.328 819	9.956 826	4	873	
128	9.628 023	16	9.671 201	20	0.328 799	9.956 822	3	872	17
129	9.628 039	16	9.671 221	19	0.328 779	9.956 818	4	871	1 1.7
.130	9.628 055	16	9.671 240	20	0.328 760	9.956 815	3	.870	2 3.4
131	9.628 071	16	9.671 260	20	0.328 740	9.956 811	4	869	3 5.1
132	9.628 087	16	9.671 280	19	0.328 720	9.956 808	3	868	4 6.8
133	9.628 104	16	9.671 299	20	0.328 701	9.956 804	4	867	5 8.5
134	9.628 120	16	9.671 319	20	0.328 681	9.956 801	3	866	6 10.2
135	9.628 136	16	9.671 339	19	0.328 661	9.956 797	4	865	7 11.9
136	9.628 152	16	9.671 359	20	0.328 641	9.956 794	3	864	8 13.6
137	9.628 168	16	9.671 378	19	0.328 622	9.956 790	4	863	9 15.3
138	9.628 184	16	9.671 398	20	0.328 602	9.956 786	3	862	
139	9.628 201	17	9.671 418	20	0.328 582	9.956 783	4	861	
.140	9.628 217	16	9.671 437	19	0.328 563	9.956 779	3	.860	16
141	9.628 233	16	9.671 457	20	0.328 543	9.956 776	4	859	1 1.6
142	9.628 249	16	9.671 477	20	0.328 523	9.956 772	3	858	2 3.2
143	9.628 265	16	9.671 497	19	0.328 503	9.956 769	4	857	3 4.8
144	9.628 281	16	9.671 516	20	0.328 484	9.956 765	3	856	4 6.4
145	9.628 297	16	9.671 536	19	0.328 464	9.956 762	4	855	5 8.0
146	9.628 314	17	9.671 556	20	0.328 444	9.956 758	3	854	6 9.6
147	9.628 330	16	9.671 575	20	0.328 425	9.956 754	4	853	7 11.2
148	9.628 346	16	9.671 595	19	0.328 405	9.956 751	3	852	8 12.8
149	9.628 362	16	9.671 615	20	0.328 385	9.956 747	4	851	9 14.4
.150	9.628 378	16	9.671 635	20	0.328 365	9.956 744	3	.850	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.150 — 25°.200

25°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.628 378	16	9.671 635	19	0.328 365	9.956 744	4	.850	
151	9.628 394	17	9.671 654	20	0.328 346	9.956 740	3	849	
152	9.628 411	16	9.671 674	20	0.328 326	9.956 737	4	848	
153	9.628 427	16	9.671 694	19	0.328 306	9.956 733	4	847	
154	9.628 443	16	9.671 713	20	0.328 287	9.956 729	3	846	20
155	9.628 459	16	9.671 733	20	0.328 267	9.956 726	4	845	1 2.0
156	9.628 475	16	9.671 753	19	0.328 247	9.956 722	3	844	2 4.0
157	9.628 491	16	9.671 772	20	0.328 228	9.956 719	4	843	3 6.0
158	9.628 507	16	9.671 792	20	0.328 208	9.956 715	3	842	4 8.0
159	9.628 523	17	9.671 812	20	0.328 188	9.956 712	4	841	5 10.0
.160	9.628 540	16	9.671 832	19	0.328 168	9.956 708	3	.840	6 12.0
161	9.628 556	16	9.671 851	20	0.328 149	9.956 705	4	839	7 14.0
162	9.628 572	16	9.671 871	20	0.328 129	9.956 701	3	838	8 16.0
163	9.628 588	16	9.671 891	19	0.328 109	9.956 697	4	837	9 18.0
164	9.628 604	16	9.671 910	20	0.328 090	9.956 694	3	836	
165	9.628 620	16	9.671 930	20	0.328 070	9.956 690	4	835	19
166	9.628 636	16	9.671 950	19	0.328 050	9.956 687	3	834	1 1.9
167	9.628 653	17	9.671 969	20	0.328 031	9.956 683	4	833	2 3.8
168	9.628 669	16	9.671 989	20	0.328 011	9.956 680	3	832	3 5.7
169	9.628 685	16	9.672 009	19	0.327 991	9.956 676	4	831	4 7.6
.170	9.628 701	16	9.672 028	20	0.327 972	9.956 673	3	.830	5 9.5
171	9.628 717	16	9.672 048	20	0.327 952	9.956 669	4	829	6 11.4
172	9.628 733	16	9.672 068	20	0.327 932	9.956 665	3	828	7 13.3
173	9.628 749	16	9.672 088	19	0.327 912	9.956 662	4	827	8 15.2
174	9.628 765	17	9.672 107	20	0.327 893	9.956 658	3	826	9 17.1
175	9.628 782	16	9.672 127	19	0.327 873	9.956 655	4	825	
176	9.628 798	16	9.672 147	20	0.327 853	9.956 651	3	824	17
177	9.628 814	16	9.672 166	20	0.327 834	9.956 648	4	823	1 1.7
178	9.628 830	16	9.672 186	19	0.327 814	9.956 644	3	822	2 3.4
179	9.628 846	16	9.672 206	20	0.327 794	9.956 640	4	821	3 5.1
.180	9.628 862	16	9.672 225	19	0.327 775	9.956 637	3	.820	4 6.8
181	9.628 878	16	9.672 245	20	0.327 755	9.956 633	4	819	5 8.5
182	9.628 894	17	9.672 265	19	0.327 735	9.956 630	3	818	6 10.2
183	9.628 911	16	9.672 284	20	0.327 716	9.956 626	4	817	7 11.9
184	9.628 927	16	9.672 304	19	0.327 696	9.956 623	3	816	8 13.6
185	9.628 943	16	9.672 324	20	0.327 676	9.956 619	4	815	9 15.3
186	9.628 959	16	9.672 343	19	0.327 657	9.956 615	3	814	
187	9.628 975	16	9.672 363	20	0.327 637	9.956 612	4	813	
188	9.628 991	16	9.672 383	19	0.327 617	9.956 608	3	812	16
189	9.629 007	16	9.672 403	20	0.327 597	9.956 605	4	811	1 1.6
.190	9.629 023	17	9.672 422	19	0.327 578	9.956 601	3	.810	2 3.2
191	9.629 040	16	9.672 442	20	0.327 558	9.956 598	4	809	3 4.8
192	9.629 056	16	9.672 462	19	0.327 538	9.956 594	3	808	4 6.4
193	9.629 072	16	9.672 481	20	0.327 519	9.956 591	4	807	5 8.0
194	9.629 088	16	9.672 501	19	0.327 499	9.956 587	3	806	6 9.6
195	9.629 104	16	9.672 521	20	0.327 479	9.956 583	4	805	7 11.2
196	9.629 120	16	9.672 540	19	0.327 460	9.956 580	3	804	8 12.8
197	9.629 136	16	9.672 560	20	0.327 440	9.956 576	4	803	9 14.4
198	9.629 152	16	9.672 580	19	0.327 420	9.956 573	3	802	
199	9.629 168	16	9.672 599	20	0.327 401	9.956 569	4	801	
.200	9.629 185	17	9.672 619	19	0.327 381	9.956 566	3	.800	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.200 — 25°.250

25°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.629 185	16	9.672 619	20	0.327 381	9.956 566	4	.800	
201	9.629 201	16	9.672 639	19	0.327 361	9.956 562	4	799	
202	9.629 217	16	9.672 658	20	0.327 342	9.956 558	4	798	
203	9.629 233	16	9.672 678	20	0.327 322	9.956 555	3	797	
204	9.629 249	16	9.672 698	20	0.327 302	9.956 551	4	796	20
205	9.629 265	16	9.672 717	19	0.327 283	9.956 548	3	795	1 2.0
206	9.629 281	16	9.672 737	20	0.327 263	9.956 544	4	794	2 4.0
207	9.629 297	16	9.672 757	20	0.327 243	9.956 541	3	793	3 6.0
208	9.629 313	16	9.672 776	19	0.327 224	9.956 537	4	792	4 8.0
209	9.629 329	16	9.672 796	20	0.327 204	9.956 533	4	791	5 10.0
.210	9.629 346	17	9.672 816	20	0.327 184	9.956 530	3	.790	6 12.0
211	9.629 362	16	9.672 835	19	0.327 165	9.956 526	4	789	7 14.0
212	9.629 378	16	9.672 855	20	0.327 145	9.956 523	3	788	8 16.0
213	9.629 394	16	9.672 875	20	0.327 125	9.956 519	4	787	9 18.0
214	9.629 410	16	9.672 894	19	0.327 106	9.956 516	3	786	
215	9.629 426	16	9.672 914	20	0.327 086	9.956 512	4	785	19
216	9.629 442	16	9.672 934	20	0.327 066	9.956 508	4	784	
217	9.629 458	16	9.672 953	19	0.327 047	9.956 505	3	783	1 1.9
218	9.629 474	16	9.672 973	20	0.327 027	9.956 501	4	782	2 3.8
219	9.629 490	16	9.672 993	20	0.327 007	9.956 498	3	781	3 5.7
.220	9.629 507	17	9.673 012	19	0.326 988	9.956 494	4	.780	4 7.6
221	9.629 523	16	9.673 032	20	0.326 968	9.956 491	3	779	5 9.5
222	9.629 539	16	9.673 052	20	0.326 948	9.956 487	4	778	6 11.4
223	9.629 555	16	9.673 071	19	0.326 929	9.956 483	4	777	7 13.3
224	9.629 571	16	9.673 091	20	0.326 909	9.956 480	3	776	8 15.2
225	9.629 587	16	9.673 111	20	0.326 889	9.956 476	4	775	9 17.1
226	9.629 603	16	9.673 130	19	0.326 870	9.956 473	3	774	
227	9.629 619	16	9.673 150	20	0.326 850	9.956 469	4	773	17
228	9.629 635	16	9.673 170	20	0.326 830	9.956 466	3	772	
229	9.629 651	16	9.673 189	19	0.326 811	9.956 462	4	771	1 1.7
.230	9.629 667	16	9.673 209	20	0.326 791	9.956 458	4	.770	2 3.4
231	9.629 684	17	9.673 229	20	0.326 771	9.956 455	3	769	3 5.1
232	9.629 700	16	9.673 248	19	0.326 752	9.956 451	4	768	4 6.8
233	9.629 716	16	9.673 268	20	0.326 732	9.956 448	3	767	5 8.5
234	9.629 732	16	9.673 288	20	0.326 712	9.956 444	4	766	6 10.2
235	9.629 748	16	9.673 307	19	0.326 693	9.956 441	3	765	7 11.9
236	9.629 764	16	9.673 327	20	0.326 673	9.956 437	4	764	8 13.6
237	9.629 780	16	9.673 347	20	0.326 653	9.956 433	3	763	9 15.3
238	9.629 796	16	9.673 366	19	0.326 634	9.956 430	4	762	
239	9.629 812	16	9.673 386	20	0.326 614	9.956 426	3	761	16
.240	9.629 828	16	9.673 405	19	0.326 595	9.956 423	4	.760	
241	9.629 844	16	9.673 425	20	0.326 575	9.956 419	3	759	1 1.6
242	9.629 860	16	9.673 445	20	0.326 555	9.956 416	4	758	2 3.2
243	9.629 877	17	9.673 464	19	0.326 536	9.956 412	3	757	3 4.8
244	9.629 893	16	9.673 484	20	0.326 516	9.956 408	4	756	4 6.4
245	9.629 909	16	9.673 504	20	0.326 496	9.956 405	3	755	5 8.0
246	9.629 925	16	9.673 523	19	0.326 477	9.956 401	4	754	6 9.6
247	9.629 941	16	9.673 543	20	0.326 457	9.956 398	3	753	7 11.2
248	9.629 957	16	9.673 563	20	0.326 437	9.956 394	4	752	8 12.8
249	9.629 973	16	9.673 582	19	0.326 418	9.956 391	3	751	9 14.4
.250	9.629 989	16	9.673 602	20	0.326 398	9.956 387	4	.750	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.800 — 64°.750

25°.250 — 25°.300

25°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.629 989	16	9.673 602	20	0.326 398	9.956 387	4	.750	
251	9.630 005	16	9.673 622	19	0.326 378	9.956 383	3	749	
252	9.630 021	16	9.673 641	20	0.326 359	9.956 380	4	748	
253	9.630 037	16	9.673 661	20	0.326 339	9.956 376	3	747	
254	9.630 053	16	9.673 681	19	0.326 319	9.956 373	4	746	20
255	9.630 069	16	9.673 700	20	0.326 300	9.956 369	3	745	1 2.0
256	9.630 085	17	9.673 720	20	0.326 280	9.956 366	4	744	2 4.0
257	9.630 102	16	9.673 740	19	0.326 260	9.956 362	3	743	3 6.0
258	9.630 118	16	9.673 759	20	0.326 241	9.956 358	4	742	4 8.0
259	9.630 134	16	9.673 779	19	0.326 221	9.956 355	3	741	5 10.0
.260	9.630 150	16	9.673 798	20	0.326 202	9.956 351	4	.740	6 12.0
261	9.630 166	16	9.673 818	19	0.326 182	9.956 348	3	739	7 14.0
262	9.630 182	16	9.673 838	20	0.326 162	9.956 344	4	738	8 16.0
263	9.630 198	16	9.673 857	19	0.326 143	9.956 341	3	737	9 18.0
264	9.630 214	16	9.673 877	20	0.326 123	9.956 337	4	736	
265	9.630 230	16	9.673 897	19	0.326 103	9.956 333	3	735	19
266	9.630 246	16	9.673 916	20	0.326 084	9.956 330	4	734	
267	9.630 262	16	9.673 936	19	0.326 064	9.956 326	3	733	1 1.9
268	9.630 278	16	9.673 956	20	0.326 044	9.956 323	4	732	2 3.8
269	9.630 294	16	9.673 975	19	0.326 025	9.956 319	3	731	3 5.7
.270	9.630 310	16	9.673 995	20	0.326 005	9.956 316	4	.730	4 7.6
271	9.630 326	16	9.674 014	19	0.325 986	9.956 312	3	729	5 9.5
272	9.630 342	16	9.674 034	20	0.325 966	9.956 308	4	728	6 11.4
273	9.630 358	16	9.674 054	19	0.325 946	9.956 305	3	727	7 13.3
274	9.630 375	17	9.674 073	20	0.325 927	9.956 301	4	726	8 15.2
275	9.630 391	16	9.674 093	19	0.325 907	9.956 298	3	725	9 17.1
276	9.630 407	16	9.674 113	20	0.325 887	9.956 294	4	724	
277	9.630 423	16	9.674 132	19	0.325 868	9.956 290	3	723	17
278	9.630 439	16	9.674 152	20	0.325 848	9.956 287	4	722	
279	9.630 455	16	9.674 172	19	0.325 828	9.956 283	3	721	1 1.7
.280	9.630 471	16	9.674 191	20	0.325 809	9.956 280	4	.720	2 3.4
281	9.630 487	16	9.674 211	19	0.325 789	9.956 276	3	719	3 5.1
282	9.630 503	16	9.674 230	20	0.325 770	9.956 273	4	718	4 6.8
283	9.630 519	16	9.674 250	19	0.325 750	9.956 269	3	717	5 8.5
284	9.630 535	16	9.674 270	20	0.325 730	9.956 265	4	716	6 10.2
285	9.630 551	16	9.674 289	19	0.325 711	9.956 262	3	715	7 11.9
286	9.630 567	16	9.674 309	20	0.325 691	9.956 258	4	714	8 13.6
287	9.630 583	16	9.674 329	19	0.325 671	9.956 255	3	713	9 15.3
288	9.630 599	16	9.674 348	20	0.325 652	9.956 251	4	712	
289	9.630 615	16	9.674 368	19	0.325 632	9.956 247	3	711	16
.290	9.630 631	16	9.674 387	20	0.325 613	9.956 244	4	.710	1 1.6
291	9.630 647	16	9.674 407	19	0.325 593	9.956 240	3	709	2 3.2
292	9.630 663	16	9.674 427	20	0.325 573	9.956 237	4	708	3 4.8
293	9.630 679	16	9.674 446	19	0.325 554	9.956 233	3	707	4 6.4
294	9.630 695	16	9.674 466	20	0.325 534	9.956 230	4	706	5 8.0
295	9.630 712	17	9.674 486	19	0.325 514	9.956 226	3	705	6 9.6
296	9.630 728	16	9.674 505	20	0.325 495	9.956 222	4	704	7 11.2
297	9.630 744	16	9.674 525	19	0.325 475	9.956 219	3	703	8 12.8
298	9.630 760	16	9.674 544	20	0.325 456	9.956 215	4	702	9 14.4
299	9.630 776	16	9.674 564	19	0.325 436	9.956 212	3	701	
.300	9.630 792	16	9.674 584	20	0.325 416	9.956 208	4	.700	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.750 — 64°.700

25°.300 — 25°.350

25°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.630 792	16	9.674 584	19	0.325 416	9.956 208	3	.700	
301	9.630 808	16	9.674 603	20	0.325 397	9.956 205	4	699	
302	9.630 824	16	9.674 623	19	0.325 377	9.956 201	4	698	
303	9.630 840	16	9.674 642	20	0.325 358	9.956 197	3	697	
304	9.630 856	16	9.674 662	20	0.325 338	9.956 194	4	696	20
305	9.630 872	16	9.674 682	19	0.325 318	9.956 190	4	695	1 2.0
306	9.630 888	16	9.674 701	20	0.325 299	9.956 187	3	694	2 4.0
307	9.630 904	16	9.674 721	19	0.325 279	9.956 183	4	693	3 6.0
308	9.630 920	16	9.674 741	20	0.325 259	9.956 179	4	692	4 8.0
309	9.630 936	16	9.674 760	19	0.325 240	9.956 176	3	691	5 10.0
.310	9.630 952	16	9.674 780	20	0.325 220	9.956 172	4	.690	6 12.0
311	9.630 968	16	9.674 799	19	0.325 201	9.956 169	3	689	7 14.0
312	9.630 984	16	9.674 819	20	0.325 181	9.956 165	4	688	8 16.0
313	9.631 000	16	9.674 839	20	0.325 161	9.956 161	4	687	9 18.0
314	9.631 016	16	9.674 858	19	0.325 142	9.956 158	3	686	
315	9.631 032	16	9.674 878	20	0.325 122	9.956 154	4	685	
316	9.631 048	16	9.674 897	19	0.325 103	9.956 151	3	684	19
317	9.631 064	16	9.674 917	20	0.325 083	9.956 147	4	683	1 1.9
318	9.631 080	16	9.674 937	20	0.325 063	9.956 144	3	682	2 3.8
319	9.631 096	16	9.674 956	19	0.325 044	9.956 140	4	681	3 5.7
.320	9.631 112	16	9.674 976	20	0.325 024	9.956 136	4	.680	4 7.6
321	9.631 128	16	9.674 995	19	0.325 005	9.956 133	3	679	5 9.5
322	9.631 144	16	9.675 015	20	0.324 985	9.956 129	4	678	6 11.4
323	9.631 160	16	9.675 035	20	0.324 965	9.956 126	3	677	7 13.3
324	9.631 176	16	9.675 054	19	0.324 946	9.956 122	4	676	8 15.2
325	9.631 192	16	9.675 074	20	0.324 926	9.956 118	4	675	9 17.1
326	9.631 208	16	9.675 093	19	0.324 907	9.956 115	3	674	
327	9.631 224	16	9.675 113	20	0.324 887	9.956 111	4	673	
328	9.631 240	16	9.675 133	20	0.324 867	9.956 108	3	672	17
329	9.631 256	16	9.675 152	19	0.324 848	9.956 104	4	671	1 1.7
.330	9.631 272	16	9.675 172	20	0.324 828	9.956 101	3	.670	2 3.4
331	9.631 288	16	9.675 192	20	0.324 808	9.956 097	4	669	3 5.1
332	9.631 304	16	9.675 211	19	0.324 789	9.956 093	4	668	4 6.8
333	9.631 320	16	9.675 231	20	0.324 769	9.956 090	3	667	5 8.5
334	9.631 336	16	9.675 250	19	0.324 750	9.956 086	4	666	6 10.2
335	9.631 352	16	9.675 270	20	0.324 730	9.956 083	3	665	7 11.9
336	9.631 369	17	9.675 290	20	0.324 710	9.956 079	4	664	8 13.6
337	9.631 385	16	9.675 309	19	0.324 691	9.956 075	4	663	9 15.3
338	9.631 401	16	9.675 329	20	0.324 671	9.956 072	3	662	
339	9.631 417	16	9.675 348	19	0.324 652	9.956 068	4	661	
.340	9.631 433	16	9.675 368	20	0.324 632	9.956 065	3	.660	16
341	9.631 449	16	9.675 387	19	0.324 613	9.956 061	4	659	1 1.6
342	9.631 465	16	9.675 407	20	0.324 593	9.956 057	4	658	2 3.2
343	9.631 481	16	9.675 427	20	0.324 573	9.956 054	3	657	3 4.8
344	9.631 497	16	9.675 446	19	0.324 554	9.956 050	4	656	4 6.4
345	9.631 513	16	9.675 466	20	0.324 534	9.956 047	3	655	5 8.0
346	9.631 529	16	9.675 485	19	0.324 515	9.956 043	4	654	6 9.6
347	9.631 545	16	9.675 505	20	0.324 495	9.956 040	3	653	7 11.2
348	9.631 561	16	9.675 525	20	0.324 475	9.956 036	4	652	8 12.8
349	9.631 577	16	9.675 544	19	0.324 456	9.956 032	4	651	9 14.4
.350	9.631 593	16	9.675 564	20	0.324 436	9.956 029	3	.650	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.700 — 64°.650

25°.350 — 25°.400

25°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.631 593	16	9.675 564	19	0.324 436	9.956 029	4	.650	
351	9.631 609	16	9.675 583	20	0.324 417	9.956 025	3	649	
352	9.631 625	16	9.675 603	20	0.324 397	9.956 022	4	648	
353	9.631 641	16	9.675 623	19	0.324 377	9.956 018	4	647	
354	9.631 657	16	9.675 642	20	0.324 358	9.956 014	3	646	20
355	9.631 673	16	9.675 662	19	0.324 338	9.956 011	4	645	1 2.0
356	9.631 689	16	9.675 681	20	0.324 319	9.956 007	3	644	2 4.0
357	9.631 705	16	9.675 701	19	0.324 299	9.956 004	4	643	3 6.0
358	9.631 721	16	9.675 721	20	0.324 279	9.956 000	3	642	4 8.0
359	9.631 737	16	9.675 740	19	0.324 260	9.955 996	4	641	5 10.0
.360	9.631 753	16	9.675 760	20	0.324 240	9.955 993	3	.640	6 12.0
361	9.631 769	16	9.675 779	19	0.324 221	9.955 989	4	639	7 14.0
362	9.631 785	16	9.675 799	20	0.324 201	9.955 986	3	638	8 16.0
363	9.631 800	15	9.675 818	19	0.324 182	9.955 982	4	637	9 18.0
364	9.631 816	16	9.675 838	20	0.324 162	9.955 978	3	636	
365	9.631 832	16	9.675 858	19	0.324 142	9.955 975	4	635	19
366	9.631 848	16	9.675 877	20	0.324 123	9.955 971	3	634	1 1.9
367	9.631 864	16	9.675 897	19	0.324 103	9.955 968	4	633	2 3.8
368	9.631 880	16	9.675 916	20	0.324 084	9.955 964	3	632	3 5.7
369	9.631 896	16	9.675 936	19	0.324 064	9.955 960	4	631	4 7.6
.370	9.631 912	16	9.675 956	20	0.324 044	9.955 957	3	.630	5 9.5
371	9.631 928	16	9.675 975	19	0.324 025	9.955 953	4	629	6 11.4
372	9.631 944	16	9.675 995	20	0.324 005	9.955 950	3	628	7 13.3
373	9.631 960	16	9.676 014	19	0.323 986	9.955 946	4	627	8 15.2
374	9.631 976	16	9.676 034	20	0.323 966	9.955 943	3	626	9 17.1
375	9.631 992	16	9.676 053	19	0.323 947	9.955 939	4	625	
376	9.632 008	16	9.676 073	20	0.323 927	9.955 935	3	624	
377	9.632 024	16	9.676 093	19	0.323 907	9.955 932	4	623	16
378	9.632 040	16	9.676 112	20	0.323 888	9.955 928	3	622	1 1.6
379	9.632 056	16	9.676 132	19	0.323 868	9.955 925	4	621	2 3.2
.380	9.632 072	16	9.676 151	20	0.323 849	9.955 921	3	.620	3 4.8
381	9.632 088	16	9.676 171	19	0.323 829	9.955 917	4	619	4 6.4
382	9.632 104	16	9.676 190	20	0.323 810	9.955 914	3	618	5 8.0
383	9.632 120	16	9.676 210	19	0.323 790	9.955 910	4	617	6 9.6
384	9.632 136	16	9.676 230	20	0.323 770	9.955 907	3	616	7 11.2
385	9.632 152	16	9.676 249	19	0.323 751	9.955 903	4	615	8 12.8
386	9.632 168	16	9.676 269	20	0.323 731	9.955 899	3	614	9 14.4
387	9.632 184	16	9.676 288	19	0.323 712	9.955 896	4	613	
388	9.632 200	16	9.676 308	20	0.323 692	9.955 892	3	612	
389	9.632 216	16	9.676 327	19	0.323 673	9.955 889	4	611	15
.390	9.632 232	16	9.676 347	20	0.323 653	9.955 885	3	.610	1 1.5
391	9.632 248	16	9.676 367	19	0.323 633	9.955 881	4	609	2 3.0
392	9.632 264	16	9.676 386	20	0.323 614	9.955 878	3	608	3 4.5
393	9.632 280	16	9.676 406	19	0.323 594	9.955 874	4	607	4 6.0
394	9.632 296	16	9.676 425	20	0.323 575	9.955 871	3	606	5 7.5
395	9.632 312	16	9.676 445	19	0.323 555	9.955 867	4	605	6 9.0
396	9.632 328	16	9.676 464	20	0.323 536	9.955 863	3	604	7 10.5
397	9.632 344	16	9.676 484	19	0.323 516	9.955 860	4	603	8 12.0
398	9.632 360	16	9.676 504	20	0.323 496	9.955 856	3	602	9 13.5
399	9.632 376	16	9.676 523	19	0.323 477	9.955 853	4	601	
.400	9.632 392	16	9.676 543	20	0.323 457	9.955 849	3	.600	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.650 — 64°.600

25°.400 — 25°.450

25°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.632 392	16	9.676 543	19	0.323 457	9.955 849	4	.600	
401	9.632 408	16	9.676 562	19	0.323 438	9.955 845	4	599	
402	9.632 424	16	9.676 582	20	0.323 418	9.955 842	3	598	
403	9.632 440	16	9.676 601	19	0.323 399	9.955 838	4	597	
		15		20			3		20
404	9.632 455	16	9.676 621	19	0.323 379	9.955 835	4	596	1 2.0
405	9.632 471	16	9.676 640	20	0.323 360	9.955 831	4	595	2 4.0
406	9.632 487	16	9.676 660	20	0.323 340	9.955 827	4	594	3 6.0
		16		20			3		4 8.0
407	9.632 503	16	9.676 680	19	0.323 320	9.955 824	4	593	5 10.0
408	9.632 519	16	9.676 699	20	0.323 301	9.955 820	3	592	6 12.0
409	9.632 535	16	9.676 719	19	0.323 281	9.955 817	4	591	7 14.0
.410	9.632 551	16	9.676 738	20	0.323 262	9.955 813	4	.590	8 16.0
		16		19			4		9 18.0
411	9.632 567	16	9.676 758	19	0.323 242	9.955 809	3	589	
412	9.632 583	16	9.676 777	20	0.323 223	9.955 806	4	588	
413	9.632 599	16	9.676 797	19	0.323 203	9.955 802	3	587	
		16		20			4		19
414	9.632 615	16	9.676 816	19	0.323 184	9.955 799	4	586	1 1.9
415	9.632 631	16	9.676 836	20	0.323 164	9.955 795	3	585	2 3.8
416	9.632 647	16	9.676 856	19	0.323 144	9.955 791	4	584	3 5.7
		16		20			3		4 7.6
417	9.632 663	16	9.676 875	19	0.323 125	9.955 788	4	583	5 9.5
418	9.632 679	16	9.676 895	20	0.323 105	9.955 784	3	582	6 11.4
419	9.632 695	16	9.676 914	19	0.323 086	9.955 781	4	581	7 13.3
.420	9.632 711	16	9.676 934	20	0.323 066	9.955 777	3	.580	8 15.2
		16		19			4		9 17.1
421	9.632 727	16	9.676 953	20	0.323 047	9.955 773	3	579	
422	9.632 743	16	9.676 973	19	0.323 027	9.955 770	4	578	
423	9.632 759	16	9.676 992	20	0.323 008	9.955 766	3	577	
		16		20			4		
424	9.632 775	15	9.677 012	20	0.322 988	9.955 763	3	576	
425	9.632 790	16	9.677 032	19	0.322 968	9.955 759	4	575	
426	9.632 806	16	9.677 051	20	0.322 949	9.955 755	3	574	
		16		20			4		
427	9.632 822	16	9.677 071	19	0.322 929	9.955 752	3	573	16
428	9.632 838	16	9.677 090	20	0.322 910	9.955 748	4	572	1 1.6
429	9.632 854	16	9.677 110	19	0.322 890	9.955 745	3	571	2 3.2
.430	9.632 870	16	9.677 129	20	0.322 871	9.955 741	4	.570	3 4.8
		16		19			4		4 6.4
431	9.632 886	16	9.677 149	20	0.322 851	9.955 737	3	569	5 8.0
432	9.632 902	16	9.677 168	19	0.322 832	9.955 734	4	568	6 9.6
433	9.632 918	16	9.677 188	20	0.322 812	9.955 730	3	567	7 11.2
		16		19			4		8 12.8
434	9.632 934	16	9.677 207	20	0.322 793	9.955 727	3	566	9 14.4
435	9.632 950	16	9.677 227	19	0.322 773	9.955 723	4	565	
436	9.632 966	16	9.677 247	20	0.322 753	9.955 719	3	564	
		16		19			4		
437	9.632 982	16	9.677 266	20	0.322 734	9.955 716	3	563	
438	9.632 998	16	9.677 286	19	0.322 714	9.955 712	4	562	
439	9.633 014	16	9.677 305	20	0.322 695	9.955 708	3	561	
.440	9.633 030	16	9.677 325	19	0.322 675	9.955 705	4	.560	15
		16		20			3		1 1.5
441	9.633 046	15	9.677 344	19	0.322 656	9.955 701	4	559	2 3.0
442	9.633 061	16	9.677 364	20	0.322 636	9.955 698	3	558	3 4.5
443	9.633 077	16	9.677 383	19	0.322 617	9.955 694	4	557	4 6.0
		16		20			3		5 7.5
444	9.633 093	16	9.677 403	19	0.322 597	9.955 690	4	556	6 9.0
445	9.633 109	16	9.677 422	20	0.322 578	9.955 687	3	555	7 10.5
446	9.633 125	16	9.677 442	19	0.322 558	9.955 683	4	554	8 12.0
		16		20			3		9 13.5
447	9.633 141	16	9.677 461	19	0.322 539	9.955 680	4	553	
448	9.633 157	16	9.677 481	20	0.322 519	9.955 676	3	552	
449	9.633 173	16	9.677 501	19	0.322 499	9.955 672	4	551	
.450	9.633 189	16	9.677 520	20	0.322 480	9.955 669	3	.550	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.600 — 64°.550

25°.450 — 25°.500

25°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.633 189	16	9.677 520	20	0.322 480	9.955 669	4	.550	
451	9.633 205	16	9.677 540	19	0.322 460	9.955 665	3	549	
452	9.633 221	16	9.677 559	20	0.322 441	9.955 662	4	548	
453	9.633 237	16	9.677 579	19	0.322 421	9.955 658	4	547	
454	9.633 253	16	9.677 598	20	0.322 402	9.955 654	3	546	20
455	9.633 269	15	9.677 618	19	0.322 382	9.955 651	4	545	1 2.0
456	9.633 284	16	9.677 637	20	0.322 363	9.955 647	3	544	2 4.0
457	9.633 300	16	9.677 657	19	0.322 343	9.955 644	4	543	3 6.0
458	9.633 316	16	9.677 676	20	0.322 324	9.955 640	3	542	4 8.0
459	9.633 332	16	9.677 696	19	0.322 304	9.955 636	4	541	5 10.0
.460	9.633 348	16	9.677 715	20	0.322 285	9.955 633	3	.540	6 12.0
461	9.633 364	16	9.677 735	19	0.322 265	9.955 629	4	539	7 14.0
462	9.633 380	16	9.677 754	20	0.322 246	9.955 626	3	538	8 16.0
463	9.633 396	16	9.677 774	19	0.322 226	9.955 622	4	537	9 18.0
464	9.633 412	16	9.677 793	20	0.322 207	9.955 618	3	536	
465	9.633 428	16	9.677 813	19	0.322 187	9.955 615	4	535	19
466	9.633 444	16	9.677 833	20	0.322 167	9.955 611	3	534	
467	9.633 460	15	9.677 852	19	0.322 148	9.955 607	4	533	1 1.9
468	9.633 475	16	9.677 872	20	0.322 128	9.955 604	3	532	2 3.8
469	9.633 491	16	9.677 891	19	0.322 109	9.955 600	4	531	3 5.7
.470	9.633 507	16	9.677 911	20	0.322 089	9.955 597	3	.530	4 7.6
471	9.633 523	16	9.677 930	19	0.322 070	9.955 593	4	529	5 9.5
472	9.633 539	16	9.677 950	20	0.322 050	9.955 589	3	528	6 11.4
473	9.633 555	16	9.677 969	19	0.322 031	9.955 586	4	527	7 13.3
474	9.633 571	16	9.677 989	20	0.322 011	9.955 582	3	526	8 15.2
475	9.633 587	16	9.678 008	19	0.321 992	9.955 579	4	525	9 17.1
476	9.633 603	16	9.678 028	20	0.321 972	9.955 575	3	524	
477	9.633 619	16	9.678 047	19	0.321 953	9.955 571	4	523	16
478	9.633 635	15	9.678 067	20	0.321 933	9.955 568	3	522	
479	9.633 650	16	9.678 086	19	0.321 914	9.955 564	4	521	1 1.6
.480	9.633 666	16	9.678 106	20	0.321 894	9.955 561	3	.520	2 3.2
481	9.633 682	16	9.678 125	19	0.321 875	9.955 557	4	519	3 4.8
482	9.633 698	16	9.678 145	20	0.321 855	9.955 553	3	518	4 6.4
483	9.633 714	16	9.678 164	19	0.321 836	9.955 550	4	517	5 8.0
484	9.633 730	16	9.678 184	20	0.321 816	9.955 546	3	516	6 9.6
485	9.633 746	16	9.678 203	19	0.321 797	9.955 542	4	515	7 11.2
486	9.633 762	16	9.678 223	20	0.321 777	9.955 539	3	514	8 12.8
487	9.633 778	16	9.678 242	19	0.321 758	9.955 535	4	513	9 14.4
488	9.633 794	16	9.678 262	20	0.321 738	9.955 532	3	512	
489	9.633 810	15	9.678 281	19	0.321 719	9.955 528	4	511	15
.490	9.633 825	16	9.678 301	20	0.321 699	9.955 524	3	.510	
491	9.633 841	16	9.678 321	19	0.321 679	9.955 521	4	509	1 1.5
492	9.633 857	16	9.678 340	20	0.321 660	9.955 517	3	508	2 3.0
493	9.633 873	16	9.678 360	19	0.321 640	9.955 514	4	507	3 4.5
494	9.633 889	16	9.678 379	20	0.321 621	9.955 510	3	506	4 6.0
495	9.633 905	16	9.678 399	19	0.321 601	9.955 506	4	505	5 7.5
496	9.633 921	16	9.678 418	20	0.321 582	9.955 503	3	504	6 9.0
497	9.633 937	16	9.678 438	19	0.321 562	9.955 499	4	503	7 10.5
498	9.633 953	15	9.678 457	20	0.321 543	9.955 495	3	502	8 12.0
499	9.633 968	16	9.678 477	19	0.321 523	9.955 492	4	501	9 13.5
.500	9.633 984	16	9.678 496	20	0.321 504	9.955 488	3	.500	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.500 — 25°.550

25°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.633 984		9.678 496		0.321 504	9.955 488		.500	
501	9.634 000	16	9.678 516	20	0.321 484	9.955 485	3	499	
502	9.634 016	16	9.678 535	19	0.321 465	9.955 481	4	498	
503	9.634 032	16	9.678 555	20	0.321 445	9.955 477	4	497	
504	9.634 048	16	9.678 574	19	0.321 426	9.955 474	3	496	
505	9.634 064	16	9.678 594	20	0.321 406	9.955 470	4	495	
506	9.634 080	16	9.678 613	19	0.321 387	9.955 467	3	494	
507	9.634 096	16	9.678 633	20	0.321 367	9.955 463	4	493	
508	9.634 111	15	9.678 652	19	0.321 348	9.955 459	4	492	
509	9.634 127	16	9.678 672	20	0.321 328	9.955 456	3	491	
.510	9.634 143	16	9.678 691	19	0.321 309	9.955 452	4	.490	
511	9.634 159	16	9.678 711	20	0.321 289	9.955 448	4	489	
512	9.634 175	16	9.678 730	19	0.321 270	9.955 445	3	488	
513	9.634 191	16	9.678 750	20	0.321 250	9.955 441	4	487	
514	9.634 207	16	9.678 769	19	0.321 231	9.955 438	3	486	
515	9.634 223	16	9.678 789	20	0.321 211	9.955 434	4	485	
516	9.634 239	16	9.678 808	19	0.321 192	9.955 430	4	484	
517	9.634 254	15	9.678 828	20	0.321 172	9.955 427	3	483	
518	9.634 270	16	9.678 847	19	0.321 153	9.955 423	4	482	
519	9.634 286	16	9.678 867	20	0.321 133	9.955 420	3	481	
.520	9.634 302	16	9.678 886	19	0.321 114	9.955 416	4	.480	
521	9.634 318	16	9.678 906	20	0.321 094	9.955 412	4	479	
522	9.634 334	16	9.678 925	19	0.321 075	9.955 409	3	478	
523	9.634 350	16	9.678 945	20	0.321 055	9.955 405	4	477	
524	9.634 366	16	9.678 964	19	0.321 036	9.955 401	4	476	
525	9.634 381	15	9.678 984	20	0.321 016	9.955 398	3	475	
526	9.634 397	16	9.679 003	19	0.320 997	9.955 394	4	474	
527	9.634 413	16	9.679 023	20	0.320 977	9.955 391	3	473	
528	9.634 429	16	9.679 042	19	0.320 958	9.955 387	4	472	
529	9.634 445	16	9.679 062	20	0.320 938	9.955 383	4	471	
.530	9.634 461	16	9.679 081	19	0.320 919	9.955 380	3	.470	
531	9.634 477	16	9.679 101	20	0.320 899	9.955 376	4	469	
532	9.634 493	16	9.679 120	19	0.320 880	9.955 372	4	468	
533	9.634 508	15	9.679 140	20	0.320 860	9.955 369	3	467	
534	9.634 524	16	9.679 159	19	0.320 841	9.955 365	4	466	
535	9.634 540	16	9.679 179	20	0.320 821	9.955 362	3	465	
536	9.634 556	16	9.679 198	19	0.320 802	9.955 358	4	464	
537	9.634 572	16	9.679 217	20	0.320 783	9.955 354	4	463	
538	9.634 588	16	9.679 237	19	0.320 763	9.955 351	3	462	
539	9.634 604	16	9.679 256	20	0.320 744	9.955 347	4	461	
.540	9.634 619	15	9.679 276	19	0.320 724	9.955 344	3	.460	
541	9.634 635	16	9.679 295	20	0.320 705	9.955 340	4	459	
542	9.634 651	16	9.679 315	19	0.320 685	9.955 336	4	458	
543	9.634 667	16	9.679 334	20	0.320 666	9.955 333	3	457	
544	9.634 683	16	9.679 354	19	0.320 646	9.955 329	4	456	
545	9.634 699	16	9.679 373	20	0.320 627	9.955 325	4	455	
546	9.634 715	16	9.679 393	19	0.320 607	9.955 322	3	454	
547	9.634 730	15	9.679 412	20	0.320 588	9.955 318	4	453	
548	9.634 746	16	9.679 432	19	0.320 568	9.955 315	3	452	
549	9.634 762	16	9.679 451	20	0.320 549	9.955 311	4	451	
.550	9.634 778	16	9.679 471	19	0.320 529	9.955 307	4	.450	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.550 — 25°.600

25°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.634 778	16	9.679 471	19	0.320 529	9.955 307	3	.450	
551	9.634 794	16	9.679 490	19	0.320 510	9.955 304	3	449	
552	9.634 810	16	9.679 510	20	0.320 490	9.955 300	4	448	
553	9.634 826	16	9.679 529	19	0.320 471	9.955 296	4	447	
		15		20			3		20
554	9.634 841	16	9.679 549	19	0.320 451	9.955 293	4	446	1 2.0
555	9.634 857	16	9.679 568	20	0.320 432	9.955 289	3	445	2 4.0
556	9.634 873	16	9.679 588	19	0.320 412	9.955 286	4	444	3 6.0
		16		20			3		4 8.0
557	9.634 889	16	9.679 607	19	0.320 393	9.955 282	4	443	5 10.0
558	9.634 905	16	9.679 627	20	0.320 373	9.955 278	3	442	6 12.0
559	9.634 921	16	9.679 646	19	0.320 354	9.955 275	4	441	7 14.0
		15		20			3		8 16.0
.560	9.634 937	15	9.679 666	19	0.320 334	9.955 271	4	.440	9 18.0
561	9.634 952	16	9.679 685	19	0.320 315	9.955 267	3	439	
562	9.634 968	16	9.679 704	20	0.320 296	9.955 264	4	438	
563	9.634 984	16	9.679 724	19	0.320 276	9.955 260	3	437	
		16		20			4		19
564	9.635 000	16	9.679 743	19	0.320 257	9.955 257	3	436	1 1.9
565	9.635 016	16	9.679 763	20	0.320 237	9.955 253	4	435	2 3.8
566	9.635 032	16	9.679 782	19	0.320 218	9.955 249	3	434	3 5.7
		15		20			4		4 7.6
567	9.635 047	16	9.679 802	19	0.320 198	9.955 246	3	433	5 9.5
568	9.635 063	16	9.679 821	20	0.320 179	9.955 242	4	432	6 11.4
569	9.635 079	16	9.679 841	19	0.320 159	9.955 238	3	431	7 13.3
		16		20			4		8 15.2
.570	9.635 095	16	9.679 860	19	0.320 140	9.955 235	3	.430	9 17.1
571	9.635 111	16	9.679 880	20	0.320 120	9.955 231	4	429	
572	9.635 127	16	9.679 899	19	0.320 101	9.955 228	3	428	
573	9.635 143	16	9.679 919	20	0.320 081	9.955 224	4	427	
		15		19			3		
574	9.635 158	16	9.679 938	20	0.320 062	9.955 220	4	426	
575	9.635 174	16	9.679 958	19	0.320 042	9.955 217	3	425	
576	9.635 190	16	9.679 977	20	0.320 023	9.955 213	4	424	
		16		19			3		16
577	9.635 206	16	9.679 997	20	0.320 003	9.955 209	4	423	1 1.6
578	9.635 222	16	9.680 016	19	0.319 984	9.955 206	3	422	2 3.2
579	9.635 238	16	9.680 035	20	0.319 965	9.955 202	4	421	3 4.8
		15		19			3		4 6.4
.580	9.635 253	16	9.680 055	20	0.319 945	9.955 198	4	.420	5 8.0
581	9.635 269	16	9.680 074	19	0.319 926	9.955 195	3	419	6 9.6
582	9.635 285	16	9.680 094	20	0.319 906	9.955 191	4	418	7 11.2
583	9.635 301	16	9.680 113	19	0.319 887	9.955 188	3	417	8 12.8
		16		20			4		9 14.4
584	9.635 317	16	9.680 133	19	0.319 867	9.955 184	3	416	
585	9.635 333	15	9.680 152	20	0.319 848	9.955 180	4	415	
586	9.635 348	16	9.680 172	19	0.319 828	9.955 177	3	414	
		16		20			4		
587	9.635 364	16	9.680 191	19	0.319 809	9.955 173	3	413	
588	9.635 380	16	9.680 211	20	0.319 789	9.955 169	4	412	
589	9.635 396	16	9.680 230	19	0.319 770	9.955 166	3	411	
		16		20			4		15
.590	9.635 412	16	9.680 249	19	0.319 751	9.955 162	3	.410	1 1.5
591	9.635 428	15	9.680 269	20	0.319 731	9.955 159	4	409	2 3.0
592	9.635 443	16	9.680 288	19	0.319 712	9.955 155	3	408	3 4.5
593	9.635 459	16	9.680 308	20	0.319 692	9.955 151	4	407	4 6.0
		16		19			3		5 7.5
594	9.635 475	16	9.680 327	20	0.319 673	9.955 148	4	406	6 9.0
595	9.635 491	16	9.680 347	19	0.319 653	9.955 144	3	405	7 10.5
596	9.635 507	16	9.680 366	20	0.319 634	9.955 140	4	404	8 12.0
		15		19			3		9 13.5
597	9.635 522	16	9.680 386	20	0.319 614	9.955 137	4	403	
598	9.635 538	16	9.680 405	19	0.319 595	9.955 133	3	402	
599	9.635 554	16	9.680 425	20	0.319 575	9.955 130	4	401	
		16		19			3		
.600	9.635 570	16	9.680 444	19	0.319 556	9.955 126	4	.400	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.600 — 25°.650

25°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.635 570	16	9.680 444	19	0.319 556	9.955 126	4	.400	
601	9.635 586	16	9.680 463	19	0.319 537	9.955 122	4	399	
602	9.635 602	16	9.680 483	20	0.319 517	9.955 119	3	398	
603	9.635 617	15	9.680 502	19	0.319 498	9.955 115	4	397	
		16		20			4		20
604	9.635 633	16	9.680 522	19	0.319 478	9.955 111	3	396	1 2.0
605	9.635 649	16	9.680 541	20	0.319 459	9.955 108	4	395	2 4.0
606	9.635 665	16	9.680 561	19	0.319 439	9.955 104	4	394	3 6.0
		16		20			4		4 8.0
607	9.635 681	15	9.680 580	19	0.319 420	9.955 100	3	393	5 10.0
608	9.635 696	16	9.680 600	20	0.319 400	9.955 097	4	392	6 12.0
609	9.635 712	16	9.680 619	19	0.319 381	9.955 093	3	391	7 14.0
		16		20			4		8 16.0
.610	9.635 728	16	9.680 639	19	0.319 361	9.955 090	3	.390	9 18.0
		16		19			4		
611	9.635 744	16	9.680 658	19	0.319 342	9.955 086	4	389	
612	9.635 760	16	9.680 677	20	0.319 323	9.955 082	3	388	
613	9.635 776	15	9.680 697	19	0.319 303	9.955 079	4	387	
		16		20			4		19
614	9.635 791	16	9.680 716	19	0.319 284	9.955 075	3	386	1 1.9
615	9.635 807	16	9.680 736	20	0.319 264	9.955 071	4	385	2 3.8
616	9.635 823	16	9.680 755	19	0.319 245	9.955 068	3	384	3 5.7
		16		20			4		4 7.6
617	9.635 839	16	9.680 775	19	0.319 225	9.955 064	3	383	5 9.5
618	9.635 855	15	9.680 794	19	0.319 206	9.955 060	4	382	6 11.4
619	9.635 870	16	9.680 814	20	0.319 186	9.955 057	3	381	7 13.3
		16		19			4		8 15.2
.620	9.635 886	16	9.680 833	19	0.319 167	9.955 053	3	.380	9 17.1
		16		20			4		
621	9.635 902	16	9.680 852	19	0.319 148	9.955 050	3	379	
622	9.635 918	16	9.680 872	20	0.319 128	9.955 046	4	378	
623	9.635 934	15	9.680 891	19	0.319 109	9.955 042	3	377	
		16		20			4		
624	9.635 949	16	9.680 911	19	0.319 089	9.955 039	3	376	
625	9.635 965	16	9.680 930	20	0.319 070	9.955 035	4	375	
626	9.635 981	16	9.680 950	19	0.319 050	9.955 031	3	374	
		16		20			4		
627	9.635 997	16	9.680 969	19	0.319 031	9.955 028	3	373	16
628	9.636 013	15	9.680 988	19	0.319 012	9.955 024	4	372	1 1.6
629	9.636 028	16	9.681 008	20	0.318 992	9.955 021	3	371	2 3.2
		16		19			4		3 4.8
.630	9.636 044	16	9.681 027	20	0.318 973	9.955 017	3	.370	4 6.4
		16		19			4		5 8.0
631	9.636 060	16	9.681 047	19	0.318 953	9.955 013	3	369	6 9.6
632	9.636 076	16	9.681 066	20	0.318 934	9.955 010	4	368	7 11.2
633	9.636 092	15	9.681 086	19	0.318 914	9.955 006	3	367	8 12.8
		16		20			4		9 14.4
634	9.636 107	16	9.681 105	19	0.318 895	9.955 002	3	366	
635	9.636 123	16	9.681 125	20	0.318 875	9.954 999	4	365	
636	9.636 139	16	9.681 144	19	0.318 856	9.954 995	3	364	
		16		20			4		
637	9.636 155	16	9.681 163	19	0.318 837	9.954 991	3	363	
638	9.636 171	15	9.681 183	19	0.318 817	9.954 988	4	362	
639	9.636 186	16	9.681 202	20	0.318 798	9.954 984	3	361	
		16		19			4		15
.640	9.636 202	16	9.681 222	20	0.318 778	9.954 980	3	.360	1 1.5
		16		19			4		2 3.0
641	9.636 218	16	9.681 241	20	0.318 759	9.954 977	3	359	3 4.5
642	9.636 234	16	9.681 261	19	0.318 739	9.954 973	4	358	4 6.0
643	9.636 250	15	9.681 280	19	0.318 720	9.954 970	3	357	5 7.5
		16		20			4		6 9.0
644	9.636 265	16	9.681 299	19	0.318 701	9.954 966	3	356	7 10.5
645	9.636 281	16	9.681 319	20	0.318 681	9.954 962	4	355	8 12.0
646	9.636 297	16	9.681 338	19	0.318 662	9.954 959	3	354	9 13.5
		16		20			4		
647	9.636 313	16	9.681 358	19	0.318 642	9.954 955	3	353	
648	9.636 329	15	9.681 377	19	0.318 623	9.954 951	4	352	
649	9.636 344	16	9.681 397	20	0.318 603	9.954 948	3	351	
		16		19			4		
.650	9.636 360	16	9.681 416	20	0.318 584	9.954 944	3	.350	
		16		19			4		
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.400 — 64°.350

25°.650 — 25°.700

25°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.636 360	16	9.681 416	19	0.318 584	9.954 944	4	.350	
651	9.636 376	16	9.681 435	19	0.318 565	9.954 940	4	349	
652	9.636 392	15	9.681 455	20	0.318 545	9.954 937	3	348	
653	9.636 407	15	9.681 474	19	0.318 526	9.954 933	4	347	
		16		20			3		20
654	9.636 423	16	9.681 494	19	0.318 506	9.954 930	4	346	1 2.0
655	9.636 439	16	9.681 513	20	0.318 487	9.954 926	4	345	2 4.0
656	9.636 455	16	9.681 533	19	0.318 467	9.954 922	4	344	3 6.0
		16		19			3		4 8.0
657	9.636 471	15	9.681 552	19	0.318 448	9.954 919	4	343	5 10.0
658	9.636 486	16	9.681 571	20	0.318 429	9.954 915	4	342	6 12.0
659	9.636 502	16	9.681 591	19	0.318 409	9.954 911	3	341	7 14.0
.660	9.636 518	16	9.681 610	20	0.318 390	9.954 908	4	.340	8 16.0
		16		19			4		9 18.0
661	9.636 534	15	9.681 630	19	0.318 370	9.954 904	4	339	
662	9.636 549	16	9.681 649	19	0.318 351	9.954 900	4	338	
663	9.636 565	16	9.681 668	19	0.318 332	9.954 897	3	337	
		16		20			4		19
664	9.636 581	16	9.681 688	19	0.318 312	9.954 893	4	336	1 1.9
665	9.636 597	16	9.681 707	19	0.318 293	9.954 889	4	335	2 3.8
666	9.636 613	16	9.681 727	20	0.318 273	9.954 886	3	334	3 5.7
		15		19			4		4 7.6
667	9.636 628	16	9.681 746	20	0.318 254	9.954 882	3	333	5 9.5
668	9.636 644	16	9.681 766	19	0.318 234	9.954 879	4	332	6 11.4
669	9.636 660	16	9.681 785	19	0.318 215	9.954 875	4	331	7 13.3
.670	9.636 676	16	9.681 804	20	0.318 196	9.954 871	3	.330	8 15.2
		15		19			4		9 17.1
671	9.636 691	16	9.681 824	19	0.318 176	9.954 868	4	329	
672	9.636 707	16	9.681 843	20	0.318 157	9.954 864	4	328	
673	9.636 723	16	9.681 863	19	0.318 137	9.954 860	3	327	
		16		19			4		
674	9.636 739	15	9.681 882	19	0.318 118	9.954 857	3	326	
675	9.636 754	16	9.681 901	20	0.318 099	9.954 853	4	325	
676	9.636 770	16	9.681 921	19	0.318 079	9.954 849	4	324	
		16		19			3		16
677	9.636 786	16	9.681 940	20	0.318 060	9.954 846	4	323	1 1.6
678	9.636 802	16	9.681 960	19	0.318 040	9.954 842	4	322	2 3.2
679	9.636 818	16	9.681 979	19	0.318 021	9.954 838	3	321	3 4.8
.680	9.636 833	15	9.681 998	20	0.318 002	9.954 835	4	.320	4 6.4
		16		19			4		5 8.0
681	9.636 849	16	9.682 018	19	0.317 982	9.954 831	3	319	6 9.6
682	9.636 865	16	9.682 037	20	0.317 963	9.954 828	4	318	7 11.2
683	9.636 881	15	9.682 057	19	0.317 943	9.954 824	4	317	8 12.8
		16		20			3		9 14.4
684	9.636 896	16	9.682 076	19	0.317 924	9.954 820	4	316	
685	9.636 912	16	9.682 096	19	0.317 904	9.954 817	3	315	
686	9.636 928	16	9.682 115	19	0.317 885	9.954 813	4	314	
		16		19			4		
687	9.636 944	15	9.682 134	20	0.317 866	9.954 809	3	313	
688	9.636 959	16	9.682 154	19	0.317 846	9.954 806	4	312	
689	9.636 975	16	9.682 173	20	0.317 827	9.954 802	4	311	
.690	9.636 991	16	9.682 193	19	0.317 807	9.954 798	3	.310	15
		16		19			4		1 1.5
691	9.637 007	15	9.682 212	19	0.317 788	9.954 795	3	309	2 3.0
692	9.637 022	16	9.682 231	20	0.317 769	9.954 791	4	308	3 4.5
693	9.637 038	16	9.682 251	19	0.317 749	9.954 787	4	307	4 6.0
		16		19			3		5 7.5
694	9.637 054	16	9.682 270	20	0.317 730	9.954 784	4	306	6 9.0
695	9.637 070	15	9.682 290	19	0.317 710	9.954 780	3	305	7 10.5
696	9.637 085	16	9.682 309	20	0.317 691	9.954 777	4	304	8 12.0
		16		19			4		9 13.5
697	9.637 101	16	9.682 328	20	0.317 672	9.954 773	3	303	
698	9.637 117	16	9.682 348	19	0.317 652	9.954 769	4	302	
699	9.637 133	15	9.682 367	20	0.317 633	9.954 766	4	301	
.700	9.637 148	15	9.682 387	19	0.317 613	9.954 762	3	.300	
		16		20			4		
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.700 — 25°.750

25°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.637 148	16	9.682 387	19	0.317 613	9.954 762	4	.300	
701	9.637 164	16	9.682 406	19	0.317 594	9.954 758	4	299	
702	9.637 180	16	9.682 425	20	0.317 575	9.954 755	3	298	
703	9.637 196	16	9.682 445	20	0.317 555	9.954 751	4	297	
704	9.637 211	15	9.682 464	19	0.317 536	9.954 747	4	296	20
705	9.637 227	16	9.682 484	20	0.317 516	9.954 744	3	295	1 2.0
706	9.637 243	16	9.682 503	19	0.317 497	9.954 740	4	294	2 4.0
707	9.637 259	15	9.682 522	19	0.317 478	9.954 736	4	293	3 6.0
708	9.637 274	16	9.682 542	20	0.317 458	9.954 733	3	292	4 8.0
709	9.637 290	16	9.682 561	19	0.317 439	9.954 729	4	291	5 10.0
.710	9.637 306	16	9.682 580	19	0.317 420	9.954 725	4	.290	6 12.0
711	9.637 322	16	9.682 600	20	0.317 400	9.954 722	3	289	7 14.0
712	9.637 337	15	9.682 619	19	0.317 381	9.954 718	4	288	8 16.0
713	9.637 353	16	9.682 639	20	0.317 361	9.954 714	4	287	9 18.0
714	9.637 369	16	9.682 658	19	0.317 342	9.954 711	3	286	
715	9.637 385	16	9.682 677	19	0.317 323	9.954 707	4	285	19
716	9.637 400	15	9.682 697	20	0.317 303	9.954 704	3	284	
717	9.637 416	16	9.682 716	19	0.317 284	9.954 700	4	283	1 1.9
718	9.637 432	16	9.682 736	20	0.317 264	9.954 696	4	282	2 3.8
719	9.637 448	16	9.682 755	19	0.317 245	9.954 693	3	281	3 5.7
.720	9.637 463	15	9.682 774	19	0.317 226	9.954 689	4	.280	4 7.6
721	9.637 479	16	9.682 794	20	0.317 206	9.954 685	4	279	5 9.5
722	9.637 495	16	9.682 813	19	0.317 187	9.954 682	3	278	6 11.4
723	9.637 511	16	9.682 833	20	0.317 167	9.954 678	4	277	7 13.3
724	9.637 526	15	9.682 852	19	0.317 148	9.954 674	4	276	8 15.2
725	9.637 542	16	9.682 871	19	0.317 129	9.954 671	3	275	9 17.1
726	9.637 558	16	9.682 891	20	0.317 109	9.954 667	4	274	
727	9.637 573	15	9.682 910	19	0.317 090	9.954 663	4	273	16
728	9.637 589	16	9.682 929	19	0.317 071	9.954 660	3	272	
729	9.637 605	16	9.682 949	20	0.317 051	9.954 656	4	271	1 1.6
.730	9.637 621	16	9.682 968	19	0.317 032	9.954 652	4	.270	2 3.2
731	9.637 636	15	9.682 988	20	0.317 012	9.954 649	3	269	3 4.8
732	9.637 652	16	9.683 007	19	0.316 993	9.954 645	4	268	4 6.4
733	9.637 668	16	9.683 026	19	0.316 974	9.954 641	4	267	5 8.0
734	9.637 684	16	9.683 046	20	0.316 954	9.954 638	3	266	6 9.6
735	9.637 699	15	9.683 065	19	0.316 935	9.954 634	4	265	7 11.2
736	9.637 715	16	9.683 085	20	0.316 915	9.954 630	4	264	8 12.8
737	9.637 731	15	9.683 104	19	0.316 896	9.954 627	3	263	9 14.4
738	9.637 746	16	9.683 123	19	0.316 877	9.954 623	4	262	
739	9.637 762	16	9.683 143	20	0.316 857	9.954 620	3	261	15
.740	9.637 778	16	9.683 162	19	0.316 838	9.954 616	4	.260	
741	9.637 794	16	9.683 181	19	0.316 819	9.954 612	4	259	1 1.5
742	9.637 809	15	9.683 201	20	0.316 799	9.954 609	3	258	2 3.0
743	9.637 825	16	9.683 220	19	0.316 780	9.954 605	4	257	3 4.5
744	9.637 841	16	9.683 240	20	0.316 760	9.954 601	4	256	4 6.0
745	9.637 856	15	9.683 259	19	0.316 741	9.954 598	3	255	5 7.5
746	9.637 872	16	9.683 278	19	0.316 722	9.954 594	4	254	6 9.0
747	9.637 888	16	9.683 298	20	0.316 702	9.954 590	4	253	7 10.5
748	9.637 904	16	9.683 317	19	0.316 683	9.954 587	3	252	8 12.0
749	9.637 919	15	9.683 336	19	0.316 664	9.954 583	4	251	9 13.5
.750	9.637 935	16	9.683 356	20	0.316 644	9.954 579	4	.250	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.750 — 25°.800

25°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.637 935	16	9.683 356	19	0.316 644	9.954 579	3	.250	
751	9.637 951	15	9.683 375	19	0.316 625	9.954 576	3	249	
752	9.637 966	16	9.683 394	20	0.316 606	9.954 572	4	248	
753	9.637 982	16	9.683 414	19	0.316 586	9.954 568	4	247	
754	9.637 998	16	9.683 433	20	0.316 567	9.954 565	3	246	20
755	9.638 014	15	9.683 453	19	0.316 547	9.954 561	4	245	1 2.0
756	9.638 029	16	9.683 472	19	0.316 528	9.954 557	4	244	2 4.0
757	9.638 045	16	9.683 491	20	0.316 509	9.954 554	3	243	3 6.0
758	9.638 061	15	9.683 511	19	0.316 489	9.954 550	4	242	4 8.0
759	9.638 076	16	9.683 530	19	0.316 470	9.954 546	4	241	5 10.0
.760	9.638 092	16	9.683 549	20	0.316 451	9.954 543	3	.240	6 12.0
761	9.638 108	16	9.683 569	19	0.316 431	9.954 539	4	239	7 14.0
762	9.638 124	15	9.683 588	20	0.316 412	9.954 535	4	238	8 16.0
763	9.638 139	16	9.683 608	19	0.316 392	9.954 532	3	237	9 18.0
764	9.638 155	16	9.683 627	19	0.316 373	9.954 528	4	236	
765	9.638 171	15	9.683 646	20	0.316 354	9.954 524	4	235	19
766	9.638 186	16	9.683 666	19	0.316 334	9.954 521	3	234	
767	9.638 202	16	9.683 685	20	0.316 315	9.954 517	4	233	1 1.9
768	9.638 218	16	9.683 704	19	0.316 296	9.954 513	4	232	2 3.8
769	9.638 234	15	9.683 724	20	0.316 276	9.954 510	3	231	3 5.7
.770	9.638 249	16	9.683 743	19	0.316 257	9.954 506	4	.230	4 7.6
771	9.638 265	16	9.683 762	20	0.316 238	9.954 502	4	229	5 9.5
772	9.638 281	15	9.683 782	19	0.316 218	9.954 499	3	228	6 11.4
773	9.638 296	16	9.683 801	20	0.316 199	9.954 495	4	227	7 13.3
774	9.638 312	16	9.683 820	19	0.316 180	9.954 492	3	226	8 15.2
775	9.638 328	15	9.683 840	20	0.316 160	9.954 488	4	225	9 17.1
776	9.638 343	16	9.683 859	19	0.316 141	9.954 484	4	224	
777	9.638 359	16	9.683 879	20	0.316 121	9.954 481	3	223	16
778	9.638 375	15	9.683 898	19	0.316 102	9.954 477	4	222	
779	9.638 390	16	9.683 917	20	0.316 083	9.954 473	4	221	1 1.6
.780	9.638 406	16	9.683 937	19	0.316 063	9.954 470	3	.220	2 3.2
781	9.638 422	16	9.683 956	20	0.316 044	9.954 466	4	219	3 4.8
782	9.638 438	15	9.683 975	19	0.316 025	9.954 462	4	218	4 6.4
783	9.638 453	16	9.683 995	20	0.316 005	9.954 459	3	217	5 8.0
784	9.638 469	16	9.684 014	19	0.315 986	9.954 455	4	216	6 9.6
785	9.638 485	15	9.684 033	20	0.315 967	9.954 451	4	215	7 11.2
786	9.638 500	16	9.684 053	19	0.315 947	9.954 448	3	214	8 12.8
787	9.638 516	16	9.684 072	20	0.315 928	9.954 444	4	213	9 14.4
788	9.638 532	15	9.684 091	19	0.315 909	9.954 440	4	212	
789	9.638 547	16	9.684 111	20	0.315 889	9.954 437	3	211	15
.790	9.638 563	16	9.684 130	19	0.315 870	9.954 433	4	.210	
791	9.638 579	15	9.684 149	20	0.315 851	9.954 429	4	209	1 1.5
792	9.638 594	16	9.684 169	19	0.315 831	9.954 426	3	208	2 3.0
793	9.638 610	16	9.684 188	20	0.315 812	9.954 422	4	207	3 4.5
794	9.638 626	15	9.684 208	19	0.315 792	9.954 418	4	206	4 6.0
795	9.638 642	16	9.684 227	20	0.315 773	9.954 415	3	205	5 7.5
796	9.638 657	15	9.684 246	19	0.315 754	9.954 411	4	204	6 9.0
797	9.638 673	16	9.684 266	20	0.315 734	9.954 407	4	203	7 10.5
798	9.638 689	16	9.684 285	19	0.315 715	9.954 404	3	202	8 12.0
799	9.638 704	15	9.684 304	20	0.315 696	9.954 400	4	201	9 13.5
.800	9.638 720	16	9.684 324	19	0.315 676	9.954 396	4	.200	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.800 — 25°.850

25°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.638 720	16	9.684 324	19	0.315 676	9.954 396	3	.200	
801	9.638 736	15	9.684 343	19	0.315 657	9.954 393	3	199	
802	9.638 751	16	9.684 362	20	0.315 638	9.954 389	4	198	
803	9.638 767	16	9.684 382	20	0.315 618	9.954 385	4	197	
804	9.638 783	16	9.684 401	19	0.315 599	9.954 382	3	196	20
805	9.638 798	15	9.684 420	19	0.315 580	9.954 378	4	195	1 2.0
806	9.638 814	16	9.684 440	20	0.315 560	9.954 374	4	194	2 4.0
807	9.638 830	16	9.684 459	19	0.315 541	9.954 371	3	193	3 6.0
808	9.638 845	15	9.684 478	19	0.315 522	9.954 367	4	192	4 8.0
809	9.638 861	16	9.684 498	20	0.315 502	9.954 363	4	191	5 10.0
.810	9.638 877	16	9.684 517	19	0.315 483	9.954 360	3	.190	6 12.0
811	9.638 892	15	9.684 536	19	0.315 464	9.954 356	4	189	7 14.0
812	9.638 908	16	9.684 556	20	0.315 444	9.954 352	4	188	8 16.0
813	9.638 924	16	9.684 575	19	0.315 425	9.954 349	3	187	9 18.0
814	9.638 939	15	9.684 594	19	0.315 406	9.954 345	4	186	
815	9.638 955	16	9.684 614	20	0.315 386	9.954 341	4	185	19
816	9.638 971	16	9.684 633	19	0.315 367	9.954 338	3	184	1 1.9
817	9.638 986	15	9.684 652	19	0.315 348	9.954 334	4	183	2 3.8
818	9.639 002	16	9.684 672	20	0.315 328	9.954 330	4	182	3 5.7
819	9.639 018	16	9.684 691	19	0.315 309	9.954 327	3	181	4 7.6
.820	9.639 033	15	9.684 710	19	0.315 290	9.954 323	4	.180	5 9.5
821	9.639 049	16	9.684 730	20	0.315 270	9.954 319	4	179	6 11.4
822	9.639 065	16	9.684 749	19	0.315 251	9.954 316	3	178	7 13.3
823	9.639 080	15	9.684 768	19	0.315 232	9.954 312	4	177	8 15.2
824	9.639 096	16	9.684 788	20	0.315 212	9.954 308	4	176	9 17.1
825	9.639 112	16	9.684 807	19	0.315 193	9.954 305	3	175	
826	9.639 127	15	9.684 826	19	0.315 174	9.954 301	4	174	
827	9.639 143	16	9.684 846	20	0.315 154	9.954 297	4	173	16
828	9.639 159	16	9.684 865	19	0.315 135	9.954 294	3	172	1 1.6
829	9.639 174	15	9.684 884	19	0.315 116	9.954 290	4	171	2 3.2
.830	9.639 190	16	9.684 904	20	0.315 096	9.954 286	4	.170	3 4.8
831	9.639 206	16	9.684 923	19	0.315 077	9.954 283	3	169	4 6.4
832	9.639 221	15	9.684 942	19	0.315 058	9.954 279	4	168	5 8.0
833	9.639 237	16	9.684 962	20	0.315 038	9.954 275	4	167	6 9.6
834	9.639 253	16	9.684 981	19	0.315 019	9.954 272	3	166	7 11.2
835	9.639 268	15	9.685 000	19	0.315 000	9.954 268	4	165	8 12.8
836	9.639 284	16	9.685 020	20	0.314 980	9.954 264	4	164	9 14.4
837	9.639 300	16	9.685 039	19	0.314 961	9.954 261	3	163	
838	9.639 315	15	9.685 058	19	0.314 942	9.954 257	4	162	
839	9.639 331	16	9.685 078	20	0.314 922	9.954 253	4	161	15
.840	9.639 347	16	9.685 097	19	0.314 903	9.954 250	3	.160	1 1.5
841	9.639 362	15	9.685 116	19	0.314 884	9.954 246	4	159	2 3.0
842	9.639 378	16	9.685 136	20	0.314 864	9.954 242	4	158	3 4.5
843	9.639 394	16	9.685 155	19	0.314 845	9.954 239	3	157	4 6.0
844	9.639 409	15	9.685 174	19	0.314 826	9.954 235	4	156	5 7.5
845	9.639 425	16	9.685 194	20	0.314 806	9.954 231	4	155	6 9.0
846	9.639 440	15	9.685 213	19	0.314 787	9.954 228	3	154	7 10.5
847	9.639 456	16	9.685 232	19	0.314 768	9.954 224	4	153	8 12.0
848	9.639 472	16	9.685 252	20	0.314 748	9.954 220	4	152	9 13.5
849	9.639 487	15	9.685 271	19	0.314 729	9.954 217	3	151	
.850	9.639 503	16	9.685 290	19	0.314 710	9.954 213	4	.150	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

64°.200 — 64°.150

25°.850 — 25°.900

25°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.639 503	16	9.685 290	19	0.314 710	9.954 213	4	.150	
851	9.639 519	15	9.685 309	20	0.314 691	9.954 209	3	149	
852	9.639 534	16	9.685 329	19	0.314 671	9.954 206	4	148	
853	9.639 550	16	9.685 348	19	0.314 652	9.954 202	4	147	
854	9.639 566	15	9.685 367	20	0.314 633	9.954 198	3	146	20
855	9.639 581	16	9.685 387	19	0.314 613	9.954 195	4	145	1 2.0
856	9.639 597	16	9.685 406	19	0.314 594	9.954 191	4	144	2 4.0
857	9.639 613	15	9.685 425	20	0.314 575	9.954 187	3	143	3 6.0
858	9.639 628	16	9.685 445	19	0.314 555	9.954 184	4	142	4 8.0
859	9.639 644	15	9.685 464	20	0.314 536	9.954 180	3	141	5 10.0
.860	9.639 659	16	9.685 483	19	0.314 517	9.954 176	4	.140	6 12.0
861	9.639 675	16	9.685 503	20	0.314 497	9.954 172	4	139	7 14.0
862	9.639 691	15	9.685 522	19	0.314 478	9.954 169	3	138	8 16.0
863	9.639 706	16	9.685 541	20	0.314 459	9.954 165	4	137	9 18.0
864	9.639 722	16	9.685 561	19	0.314 439	9.954 161	4	136	
865	9.639 738	15	9.685 580	20	0.314 420	9.954 158	3	135	19
866	9.639 753	16	9.685 599	19	0.314 401	9.954 154	4	134	
867	9.639 769	16	9.685 618	19	0.314 382	9.954 150	4	133	1 1.9
868	9.639 785	15	9.685 638	20	0.314 362	9.954 147	3	132	2 3.8
869	9.639 800	16	9.685 657	19	0.314 343	9.954 143	4	131	3 5.7
.870	9.639 816	15	9.685 676	20	0.314 324	9.954 139	3	.130	4 7.6
871	9.639 831	16	9.685 696	19	0.314 304	9.954 136	4	129	5 9.5
872	9.639 847	16	9.685 715	19	0.314 285	9.954 132	4	128	6 11.4
873	9.639 863	15	9.685 734	20	0.314 266	9.954 128	3	127	7 13.3
874	9.639 878	16	9.685 754	19	0.314 246	9.954 125	4	126	8 15.2
875	9.639 894	16	9.685 773	19	0.314 227	9.954 121	4	125	9 17.1
876	9.639 910	15	9.685 792	20	0.314 208	9.954 117	3	124	
877	9.639 925	16	9.685 812	19	0.314 188	9.954 114	4	123	16
878	9.639 941	15	9.685 831	20	0.314 169	9.954 110	3	122	
879	9.639 956	16	9.685 850	19	0.314 150	9.954 106	4	121	1 1.6
.880	9.639 972	16	9.685 869	20	0.314 131	9.954 103	3	.120	2 3.2
881	9.639 988	15	9.685 889	19	0.314 111	9.954 099	4	119	3 4.8
882	9.640 003	16	9.685 908	19	0.314 092	9.954 095	4	118	4 6.4
883	9.640 019	16	9.685 927	20	0.314 073	9.954 092	3	117	5 8.0
884	9.640 035	15	9.685 947	19	0.314 053	9.954 088	4	116	6 9.6
885	9.640 050	16	9.685 966	19	0.314 034	9.954 084	4	115	7 11.2
886	9.640 066	15	9.685 985	20	0.314 015	9.954 081	3	114	8 12.8
887	9.640 081	16	9.686 005	19	0.313 995	9.954 077	4	113	9 14.4
888	9.640 097	16	9.686 024	19	0.313 976	9.954 073	4	112	
889	9.640 113	15	9.686 043	20	0.313 957	9.954 070	3	111	15
.890	9.640 128	16	9.686 062	19	0.313 938	9.954 066	4	.110	
891	9.640 144	16	9.686 082	20	0.313 918	9.954 062	4	109	1 1.5
892	9.640 160	15	9.686 101	19	0.313 899	9.954 059	3	108	2 3.0
893	9.640 175	16	9.686 120	19	0.313 880	9.954 055	4	107	3 4.5
894	9.640 191	16	9.686 140	20	0.313 860	9.954 051	4	106	4 6.0
895	9.640 206	15	9.686 159	19	0.313 841	9.954 047	4	105	5 7.5
896	9.640 222	16	9.686 178	19	0.313 822	9.954 044	3	104	6 9.0
897	9.640 238	16	9.686 197	20	0.313 803	9.954 040	4	103	7 10.5
898	9.640 253	15	9.686 217	19	0.313 783	9.954 036	4	102	8 12.0
899	9.640 269	16	9.686 236	19	0.313 764	9.954 033	3	101	9 13.5
.900	9.640 284	15	9.686 255	20	0.313 745	9.954 029	4	.100	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.900 — 25°.950

25°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.640 284		9.686 255		0.313 745	9.954 029		.100	
901	9.640 300	16	9.686 275	20	0.313 725	9.954 025	4	099	
902	9.640 316	16	9.686 294	19	0.313 706	9.954 022	3	098	
903	9.640 331	15	9.686 313	19	0.313 687	9.954 018	4	097	
		16		20			4		20
904	9.640 347	15	9.686 333	19	0.313 667	9.954 014	3	096	1 2.0
905	9.640 362	16	9.686 352	19	0.313 648	9.954 011	4	095	2 4.0
906	9.640 378	16	9.686 371	19	0.313 629	9.954 007	4	094	3 6.0
		16		19			4		4 8.0
907	9.640 394	15	9.686 390	20	0.313 610	9.954 003	3	093	5 10.0
908	9.640 409	16	9.686 410	19	0.313 590	9.954 000	4	092	6 12.0
909	9.640 425		9.686 429		0.313 571	9.953 996	4	091	7 14.0
		15		19			4		8 16.0
.910	9.640 440	16	9.686 448	20	0.313 552	9.953 992	3	.090	9 18.0
911	9.640 456	16	9.686 468	19	0.313 532	9.953 989	4	089	
912	9.640 472	15	9.686 487	19	0.313 513	9.953 985	4	088	
913	9.640 487	16	9.686 506	19	0.313 494	9.953 981	4	087	
		16		19			3		19
914	9.640 503	15	9.686 525	20	0.313 475	9.953 978	4	086	1 1.9
915	9.640 518	16	9.686 545	19	0.313 455	9.953 974	4	085	2 3.8
916	9.640 534	16	9.686 564	19	0.313 436	9.953 970	4	084	3 5.7
		16		19			4		4 7.6
917	9.640 550	15	9.686 583	20	0.313 417	9.953 966	4	083	5 9.5
918	9.640 565	16	9.686 602	19	0.313 398	9.953 963	3	082	6 11.4
919	9.640 581		9.686 622		0.313 378	9.953 959	4	081	7 13.3
		15		19			4		8 15.2
.920	9.640 596	16	9.686 641	20	0.313 359	9.953 955	3	.080	9 17.1
921	9.640 612	16	9.686 660	19	0.313 340	9.953 952	4	079	
922	9.640 628	15	9.686 680	19	0.313 320	9.953 948	4	078	
923	9.640 643	16	9.686 699	19	0.313 301	9.953 944	4	077	
		16		19			3		
924	9.640 659	15	9.686 718	20	0.313 282	9.953 941	4	076	
925	9.640 674	16	9.686 737	19	0.313 263	9.953 937	4	075	
926	9.640 690	16	9.686 757	19	0.313 243	9.953 933	4	074	
		16		19			3		
927	9.640 706	15	9.686 776	20	0.313 224	9.953 930	4	073	16
928	9.640 721	16	9.686 795	19	0.313 205	9.953 926	4	072	1 1.6
929	9.640 737		9.686 815		0.313 185	9.953 922	4	071	2 3.2
		15		19			3		3 4.8
.930	9.640 752	16	9.686 834	20	0.313 166	9.953 919	4	.070	4 6.4
931	9.640 768	16	9.686 853	19	0.313 147	9.953 915	4	069	5 8.0
932	9.640 784	15	9.686 872	20	0.313 128	9.953 911	3	068	6 9.6
933	9.640 799	16	9.686 892	19	0.313 108	9.953 908	4	067	7 11.2
		15		19			4		8 12.8
934	9.640 815	16	9.686 911	20	0.313 089	9.953 904	4	066	9 14.4
935	9.640 830	16	9.686 930	19	0.313 070	9.953 900	4	065	
936	9.640 846	16	9.686 949	19	0.313 051	9.953 896	4	064	
		16		20			3		
937	9.640 862	15	9.686 969	19	0.313 031	9.953 893	4	063	
938	9.640 877	16	9.686 988	19	0.313 012	9.953 889	4	062	
939	9.640 893		9.687 007		0.312 993	9.953 885	4	061	
		15		20			3		15
.940	9.640 908	16	9.687 027	19	0.312 973	9.953 882	4	.060	1 1.5
941	9.640 924	15	9.687 046	19	0.312 954	9.953 878	4	059	2 3.0
942	9.640 939	16	9.687 065	19	0.312 935	9.953 874	4	058	3 4.5
943	9.640 955	16	9.687 084	19	0.312 916	9.953 871	3	057	4 6.0
		16		20			4		5 7.5
944	9.640 971	15	9.687 104	19	0.312 896	9.953 867	4	056	6 9.0
945	9.640 986	16	9.687 123	19	0.312 877	9.953 863	4	055	7 10.5
946	9.641 002	16	9.687 142	19	0.312 858	9.953 860	3	054	8 12.0
		15		19			4		9 13.5
947	9.641 017	16	9.687 161	20	0.312 839	9.953 856	4	053	
948	9.641 033	15	9.687 181	19	0.312 819	9.953 852	4	052	
949	9.641 048		9.687 200		0.312 800	9.953 849	3	051	
		16		19			4		
.950	9.641 064		9.687 219		0.312 781	9.953 845		.050	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

25°.950 — 26°.000

25°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.641 064	16	9.687 219	19	0.312 781	9.953 845	4	.050	
951	9.641 080	15	9.687 238	20	0.312 762	9.953 841	4	049	
952	9.641 095	16	9.687 258	19	0.312 742	9.953 837	4	048	
953	9.641 111	15	9.687 277	19	0.312 723	9.953 834	3	047	
954	9.641 126	15	9.687 296	19	0.312 704	9.953 830	4	046	20
955	9.641 142	16	9.687 316	20	0.312 684	9.953 826	4	045	1 2.0
956	9.641 157	15	9.687 335	19	0.312 665	9.953 823	3	044	2 4.0
957	9.641 173	16	9.687 354	19	0.312 646	9.953 819	4	043	3 6.0
958	9.641 189	15	9.687 373	19	0.312 627	9.953 815	4	042	4 8.0
959	9.641 204	16	9.687 393	20	0.312 607	9.953 812	3	041	5 10.0
.960	9.641 220	15	9.687 412	19	0.312 588	9.953 808	4	.040	6 12.0
961	9.641 235	16	9.687 431	19	0.312 569	9.953 804	4	039	7 14.0
962	9.641 251	15	9.687 450	19	0.312 550	9.953 801	3	038	8 16.0
963	9.641 266	15	9.687 470	20	0.312 530	9.953 797	4	037	9 18.0
964	9.641 282	16	9.687 489	19	0.312 511	9.953 793	4	036	
965	9.641 298	16	9.687 508	19	0.312 492	9.953 789	4	035	
966	9.641 313	15	9.687 527	19	0.312 473	9.953 786	3	034	19
967	9.641 329	16	9.687 547	20	0.312 453	9.953 782	4	033	1 1.9
968	9.641 344	15	9.687 566	19	0.312 434	9.953 778	4	032	2 3.8
969	9.641 360	16	9.687 585	19	0.312 415	9.953 775	3	031	3 5.7
.970	9.641 375	15	9.687 604	19	0.312 396	9.953 771	4	.030	4 7.6
971	9.641 391	16	9.687 624	20	0.312 376	9.953 767	4	029	5 9.5
972	9.641 407	16	9.687 643	19	0.312 357	9.953 764	3	028	6 11.4
973	9.641 422	15	9.687 662	19	0.312 338	9.953 760	4	027	7 13.3
974	9.641 438	16	9.687 681	19	0.312 319	9.953 756	4	026	8 15.2
975	9.641 453	15	9.687 701	20	0.312 299	9.953 753	3	025	9 17.1
976	9.641 469	16	9.687 720	19	0.312 280	9.953 749	4	024	
977	9.641 484	15	9.687 739	19	0.312 261	9.953 745	4	023	
978	9.641 500	16	9.687 758	19	0.312 242	9.953 741	4	022	16
979	9.641 515	15	9.687 778	20	0.312 222	9.953 738	3	021	1 1.6
.980	9.641 531	16	9.687 797	19	0.312 203	9.953 734	4	.020	2 3.2
981	9.641 547	16	9.687 816	19	0.312 184	9.953 730	4	019	3 4.8
982	9.641 562	15	9.687 835	19	0.312 165	9.953 727	3	018	4 6.4
983	9.641 578	16	9.687 855	20	0.312 145	9.953 723	4	017	5 8.0
984	9.641 593	15	9.687 874	19	0.312 126	9.953 719	4	016	6 9.6
985	9.641 609	16	9.687 893	19	0.312 107	9.953 716	3	015	7 11.2
986	9.641 624	15	9.687 912	19	0.312 088	9.953 712	4	014	8 12.8
987	9.641 640	16	9.687 932	20	0.312 068	9.953 708	4	013	9 14.4
988	9.641 655	15	9.687 951	19	0.312 049	9.953 705	3	012	
989	9.641 671	16	9.687 970	19	0.312 030	9.953 701	4	011	
.990	9.641 687	15	9.687 989	19	0.312 011	9.953 697	4	.010	15
991	9.641 702	16	9.688 009	20	0.311 991	9.953 693	4	009	1 1.5
992	9.641 718	15	9.688 028	19	0.311 972	9.953 690	3	008	2 3.0
993	9.641 733	15	9.688 047	19	0.311 953	9.953 686	4	007	3 4.5
994	9.641 749	16	9.688 066	19	0.311 934	9.953 682	4	006	4 6.0
995	9.641 764	15	9.688 086	20	0.311 914	9.953 679	3	005	5 7.5
996	9.641 780	16	9.688 105	19	0.311 895	9.953 675	4	004	6 9.0
997	9.641 795	15	9.688 124	19	0.311 876	9.953 671	4	003	7 10.5
998	9.641 811	16	9.688 143	19	0.311 857	9.953 668	3	002	8 12.0
999	9.641 826	15	9.688 163	20	0.311 837	9.953 664	4	001	9 13.5
*.000	9.641 842	16	9.688 182	19	0.311 818	9.953 660	4	.000	
	cos	d	cotg	d	tang	sin	d	64°	P.P.

26°.000 — 26°.050

26°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.641 842		9.688 182		0.311 818	9.953 660		*.000	
001	9.641 858	16	9.688 201	19	0.311 799	9.953 656	4	999	
002	9.641 873	15	9.688 220	19	0.311 780	9.953 653	3	998	
003	9.641 889	16	9.688 239	19	0.311 761	9.953 649	4	997	
004	9.641 904	15	9.688 259	20	0.311 741	9.953 645	4	996	20
005	9.641 920	16	9.688 278	19	0.311 722	9.953 642	3	995	1 2.0
006	9.641 935	15	9.688 297	19	0.311 703	9.953 638	4	994	2 4.0
007	9.641 951	16	9.688 316	19	0.311 684	9.953 634	4	993	3 6.0
008	9.641 966	15	9.688 336	20	0.311 664	9.953 631	3	992	4 8.0
009	9.641 982	16	9.688 355	19	0.311 645	9.953 627	4	991	5 10.0
.010	9.641 997	15	9.688 374	19	0.311 626	9.953 623	4	.990	6 12.0
011	9.642 013	16	9.688 393	19	0.311 607	9.953 620	3	989	7 14.0
012	9.642 028	15	9.688 413	20	0.311 587	9.953 616	4	988	8 16.0
013	9.642 044	16	9.688 432	19	0.311 568	9.953 612	4	987	9 18.0
014	9.642 059	15	9.688 451	19	0.311 549	9.953 608	4	986	
015	9.642 075	16	9.688 470	19	0.311 530	9.953 605	3	985	
016	9.642 091	16	9.688 490	20	0.311 510	9.953 601	4	984	19
017	9.642 106	15	9.688 509	19	0.311 491	9.953 597	4	983	1 1.9
018	9.642 122	16	9.688 528	19	0.311 472	9.953 594	3	982	2 3.8
019	9.642 137	15	9.688 547	19	0.311 453	9.953 590	4	981	3 5.7
.020	9.642 153	16	9.688 566	19	0.311 434	9.953 586	4	.980	4 7.6
021	9.642 168	15	9.688 586	20	0.311 414	9.953 583	3	979	5 9.5
022	9.642 184	16	9.688 605	19	0.311 395	9.953 579	4	978	6 11.4
023	9.642 199	15	9.688 624	19	0.311 376	9.953 575	4	977	7 13.3
024	9.642 215	16	9.688 643	19	0.311 357	9.953 571	4	976	8 15.2
025	9.642 230	15	9.688 663	20	0.311 337	9.953 568	3	975	9 17.1
026	9.642 246	16	9.688 682	19	0.311 318	9.953 564	4	974	
027	9.642 261	15	9.688 701	19	0.311 299	9.953 560	4	973	
028	9.642 277	16	9.688 720	19	0.311 280	9.953 557	3	972	16
029	9.642 292	15	9.688 739	19	0.311 261	9.953 553	4	971	1 1.6
.030	9.642 308	16	9.688 759	20	0.311 241	9.953 549	4	.970	2 3.2
031	9.642 323	15	9.688 778	19	0.311 222	9.953 546	3	969	3 4.8
032	9.642 339	16	9.688 797	19	0.311 203	9.953 542	4	968	4 6.4
033	9.642 354	15	9.688 816	19	0.311 184	9.953 538	4	967	5 8.0
034	9.642 370	16	9.688 836	20	0.311 164	9.953 534	4	966	6 9.6
035	9.642 385	15	9.688 855	19	0.311 145	9.953 531	3	965	7 11.2
036	9.642 401	16	9.688 874	19	0.311 126	9.953 527	4	964	8 12.8
037	9.642 417	15	9.688 893	19	0.311 107	9.953 523	4	963	9 14.4
038	9.642 432	16	9.688 912	19	0.311 088	9.953 520	3	962	
039	9.642 448	15	9.688 932	20	0.311 068	9.953 516	4	961	
.040	9.642 463	16	9.688 951	19	0.311 049	9.953 512	4	.960	15
041	9.642 479	15	9.688 970	19	0.311 030	9.953 508	4	959	1 1.5
042	9.642 494	16	9.688 989	19	0.311 011	9.953 505	3	958	2 3.0
043	9.642 510	15	9.689 009	20	0.310 991	9.953 501	4	957	3 4.5
044	9.642 525	16	9.689 028	19	0.310 972	9.953 497	4	956	4 6.0
045	9.642 541	15	9.689 047	19	0.310 953	9.953 494	3	955	5 7.5
046	9.642 556	16	9.689 066	19	0.310 934	9.953 490	4	954	6 9.0
047	9.642 572	15	9.689 085	19	0.310 915	9.953 486	4	953	7 10.5
048	9.642 587	16	9.689 105	20	0.310 895	9.953 483	3	952	8 12.0
049	9.642 603	15	9.689 124	19	0.310 876	9.953 479	4	951	9 13.5
.050	9.642 618	15	9.689 143	19	0.310 857	9.953 475	4	.950	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

26°.050 — 26°.100

26°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.642 618	16	9.689 143	19	0.310 857	9.953 475	4	.950	
051	9.642 634	15	9.689 162	19	0.310 838	9.953 471	3	949	
052	9.642 649	16	9.689 181	20	0.310 819	9.953 468	4	948	
053	9.642 665	15	9.689 201	19	0.310 799	9.953 464	4	947	
054	9.642 680	16	9.689 220	19	0.310 780	9.953 460	3	946	20
055	9.642 696	15	9.689 239	19	0.310 761	9.953 457	4	945	1 2.0
056	9.642 711	16	9.689 258	19	0.310 742	9.953 453	3	944	2 4.0
057	9.642 727	15	9.689 277	20	0.310 723	9.953 449	4	943	3 6.0
058	9.642 742	16	9.689 297	19	0.310 703	9.953 445	4	942	4 8.0
059	9.642 758	15	9.689 316	19	0.310 684	9.953 442	3	941	5 10.0
.060	9.642 773	16	9.689 335	19	0.310 665	9.953 438	4	.940	6 12.0
061	9.642 789	15	9.689 354	20	0.310 646	9.953 434	4	939	7 14.0
062	9.642 804	16	9.689 374	19	0.310 626	9.953 431	3	938	8 16.0
063	9.642 820	15	9.689 393	19	0.310 607	9.953 427	4	937	9 18.0
064	9.642 835	16	9.689 412	19	0.310 588	9.953 423	4	936	
065	9.642 851	15	9.689 431	19	0.310 569	9.953 420	3	935	19
066	9.642 866	16	9.689 450	20	0.310 550	9.953 416	4	934	
067	9.642 882	15	9.689 470	19	0.310 530	9.953 412	4	933	1 1.9
068	9.642 897	16	9.689 489	19	0.310 511	9.953 408	3	932	2 3.8
069	9.642 913	15	9.689 508	19	0.310 492	9.953 405	4	931	3 5.7
.070	9.642 928	16	9.689 527	19	0.310 473	9.953 401	3	.930	4 7.6
071	9.642 944	15	9.689 546	20	0.310 454	9.953 397	4	929	5 9.5
072	9.642 959	16	9.689 566	19	0.310 434	9.953 394	4	928	6 11.4
073	9.642 975	15	9.689 585	19	0.310 415	9.953 390	3	927	7 13.3
074	9.642 990	16	9.689 604	20	0.310 396	9.953 386	4	926	8 15.2
075	9.643 006	15	9.689 623	19	0.310 377	9.953 382	4	925	9 17.1
076	9.643 021	16	9.689 642	19	0.310 358	9.953 379	3	924	
077	9.643 037	15	9.689 662	20	0.310 338	9.953 375	4	923	16
078	9.643 052	16	9.689 681	19	0.310 319	9.953 371	4	922	
079	9.643 068	15	9.689 700	19	0.310 300	9.953 368	3	921	1 1.6
.080	9.643 083	16	9.689 719	19	0.310 281	9.953 364	4	.920	2 3.2
081	9.643 099	15	9.689 738	20	0.310 262	9.953 360	4	919	3 4.8
082	9.643 114	16	9.689 758	19	0.310 242	9.953 356	4	918	4 6.4
083	9.643 130	15	9.689 777	19	0.310 223	9.953 353	3	917	5 8.0
084	9.643 145	16	9.689 796	20	0.310 204	9.953 349	4	916	6 9.6
085	9.643 160	15	9.689 815	19	0.310 185	9.953 345	4	915	7 11.2
086	9.643 176	16	9.689 834	19	0.310 166	9.953 342	3	914	8 12.8
087	9.643 191	15	9.689 853	20	0.310 147	9.953 338	4	913	9 14.4
088	9.643 207	16	9.689 873	19	0.310 127	9.953 334	4	912	
089	9.643 222	15	9.689 892	19	0.310 108	9.953 331	3	911	15
.090	9.643 238	16	9.689 911	19	0.310 089	9.953 327	4	.910	
091	9.643 253	15	9.689 930	20	0.310 070	9.953 323	4	909	1 1.5
092	9.643 269	16	9.689 949	19	0.310 051	9.953 319	4	908	2 3.0
093	9.643 284	15	9.689 969	20	0.310 031	9.953 316	3	907	3 4.5
094	9.643 300	16	9.689 988	19	0.310 012	9.953 312	4	906	4 6.0
095	9.643 315	15	9.690 007	19	0.309 993	9.953 308	4	905	5 7.5
096	9.643 331	16	9.690 026	20	0.309 974	9.953 305	3	904	6 9.0
097	9.643 346	15	9.690 045	19	0.309 955	9.953 301	4	903	7 10.5
098	9.643 362	16	9.690 065	20	0.309 935	9.953 297	4	902	8 12.0
099	9.643 377	15	9.690 084	19	0.309 916	9.953 293	4	901	9 13.5
.100	9.643 393	16	9.690 103	19	0.309 897	9.953 290	3	.900	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

26°.100 — 26°.150

26°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.643 393		9.690 103		0.309 897	9.953 290		.900	
101	9.643 408	15	9.690 122	19	0.309 878	9.953 286	4	899	
102	9.643 424	16	9.690 141	19	0.309 859	9.953 282	4	898	
103	9.643 439	15	9.690 161	20	0.309 839	9.953 279	3	897	
		16		19			4		20
104	9.643 455		9.690 180		0.309 820	9.953 275		896	
105	9.643 470	15	9.690 199	19	0.309 801	9.953 271	4	895	1 2.0
106	9.643 485	15	9.690 218	19	0.309 782	9.953 267	4	894	2 4.0
		16		19			3		3 6.0
107	9.643 501		9.690 237		0.309 763	9.953 264		893	4 8.0
108	9.643 516	15	9.690 256	19	0.309 744	9.953 260	4	892	5 10.0
109	9.643 532	16	9.690 276	20	0.309 724	9.953 256	4	891	6 12.0
		15		19			3		7 14.0
.110	9.643 547		9.690 295		0.309 705	9.953 253		.890	8 16.0
		16		19			4		9 18.0
111	9.643 563		9.690 314		0.309 686	9.953 249		889	
112	9.643 578	15	9.690 333	19	0.309 667	9.953 245	4	888	
113	9.643 594	16	9.690 352	19	0.309 648	9.953 241	4	887	
		15		20			3		
114	9.643 609		9.690 372		0.309 628	9.953 238		886	
115	9.643 625	16	9.690 391	19	0.309 609	9.953 234	4	885	
116	9.643 640	15	9.690 410	19	0.309 590	9.953 230	4	884	19
		16		19			3		
117	9.643 656		9.690 429		0.309 571	9.953 227		883	1 1.9
118	9.643 671	15	9.690 448	19	0.309 552	9.953 223	4	882	2 3.8
119	9.643 686	15	9.690 467	19	0.309 533	9.953 219	4	881	3 5.7
		16		20			4		4 7.6
.120	9.643 702		9.690 487		0.309 513	9.953 215		.880	5 9.5
		15		19			3		6 11.4
121	9.643 717		9.690 506		0.309 494	9.953 212		879	7 13.3
122	9.643 733	16	9.690 525	19	0.309 475	9.953 208	4	878	8 15.2
123	9.643 748	15	9.690 544	19	0.309 456	9.953 204	4	877	9 17.1
		16		19			3		
124	9.643 764		9.690 563		0.309 437	9.953 201		876	
125	9.643 779	15	9.690 582	19	0.309 418	9.953 197	4	875	
126	9.643 795	16	9.690 602	20	0.309 398	9.953 193	4	874	
		15		19			4		
127	9.643 810		9.690 621		0.309 379	9.953 189		873	16
128	9.643 826	16	9.690 640	19	0.309 360	9.953 186	3	872	
129	9.643 841	15	9.690 659	19	0.309 341	9.953 182	4	871	1 1.6
		15		19			4		2 3.2
.130	9.643 856		9.690 678		0.309 322	9.953 178		.870	3 4.8
		16		19			4		4 6.4
131	9.643 872		9.690 697		0.309 303	9.953 174		869	5 8.0
132	9.643 887	15	9.690 717	20	0.309 283	9.953 171	3	868	6 9.6
133	9.643 903	16	9.690 736	19	0.309 264	9.953 167	4	867	7 11.2
		15		19			4		8 12.8
134	9.643 918		9.690 755		0.309 245	9.953 163		866	9 14.4
135	9.643 934	16	9.690 774	19	0.309 226	9.953 160	3	865	
136	9.643 949	15	9.690 793	19	0.309 207	9.953 156	4	864	
		16		19			4		
137	9.643 965		9.690 812		0.309 188	9.953 152		863	
138	9.643 980	15	9.690 832	20	0.309 168	9.953 148	4	862	
139	9.643 996	16	9.690 851	19	0.309 149	9.953 145	3	861	
		15		19			4		15
.140	9.644 011		9.690 870		0.309 130	9.953 141		.860	
		15		19			4		1 1.5
141	9.644 026		9.690 889		0.309 111	9.953 137		859	2 3.0
142	9.644 042	16	9.690 908	19	0.309 092	9.953 134	3	858	3 4.5
143	9.644 057	15	9.690 927	19	0.309 073	9.953 130	4	857	4 6.0
		16		20			4		5 7.5
144	9.644 073		9.690 947		0.309 053	9.953 126		856	6 9.0
145	9.644 088	15	9.690 966	19	0.309 034	9.953 122	4	855	7 10.5
146	9.644 104	16	9.690 985	19	0.309 015	9.953 119	3	854	8 12.0
		15		19			4		9 13.5
147	9.644 119		9.691 004		0.308 996	9.953 115		853	
148	9.644 135	16	9.691 023	19	0.308 977	9.953 111	4	852	
149	9.644 150	15	9.691 042	19	0.308 958	9.953 108	3	851	
		15		20			4		
.150	9.644 165		9.691 062		0.308 938	9.953 104		.850	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.900 — 63°.850

26°.150 — 26°.200

26°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.644 165	16	9.691 062	19	0.308 938	9.953 104	4	.850	
151	9.644 181	15	9.691 081	19	0.308 919	9.953 100	4	849	
152	9.644 196	16	9.691 100	19	0.308 900	9.953 096	4	848	
153	9.644 212	15	9.691 119	19	0.308 881	9.953 093	3	847	
154	9.644 227	15	9.691 138	19	0.308 862	9.953 089	4	846	20
155	9.644 243	16	9.691 157	19	0.308 843	9.953 085	4	845	1 2.0
156	9.644 258	15	9.691 177	20	0.308 823	9.953 081	4	844	2 4.0
157	9.644 273	15	9.691 196	19	0.308 804	9.953 078	3	843	3 6.0
158	9.644 289	16	9.691 215	19	0.308 785	9.953 074	4	842	4 8.0
159	9.644 304	15	9.691 234	19	0.308 766	9.953 070	4	841	5 10.0
.160	9.644 320	16	9.691 253	19	0.308 747	9.953 067	3	.840	6 12.0
161	9.644 335	15	9.691 272	19	0.308 728	9.953 063	4	839	7 14.0
162	9.644 351	16	9.691 291	19	0.308 709	9.953 059	4	838	8 16.0
163	9.644 366	15	9.691 311	20	0.308 689	9.953 055	4	837	9 18.0
164	9.644 381	15	9.691 330	19	0.308 670	9.953 052	3	836	
165	9.644 397	16	9.691 349	19	0.308 651	9.953 048	4	835	19
166	9.644 412	15	9.691 368	19	0.308 632	9.953 044	4	834	
167	9.644 428	16	9.691 387	19	0.308 613	9.953 041	3	833	1 1.9
168	9.644 443	15	9.691 406	19	0.308 594	9.953 037	4	832	2 3.8
169	9.644 459	16	9.691 426	20	0.308 574	9.953 033	4	831	3 5.7
.170	9.644 474	15	9.691 445	19	0.308 555	9.953 029	4	.830	4 7.6
171	9.644 489	15	9.691 464	19	0.308 536	9.953 026	3	829	5 9.5
172	9.644 505	16	9.691 483	19	0.308 517	9.953 022	4	828	6 11.4
173	9.644 520	15	9.691 502	19	0.308 498	9.953 018	4	827	7 13.3
174	9.644 536	16	9.691 521	19	0.308 479	9.953 014	4	826	8 15.2
175	9.644 551	15	9.691 540	19	0.308 460	9.953 011	3	825	9 17.1
176	9.644 567	16	9.691 560	20	0.308 440	9.953 007	4	824	
177	9.644 582	15	9.691 579	19	0.308 421	9.953 003	4	823	16
178	9.644 597	15	9.691 598	19	0.308 402	9.953 000	3	822	
179	9.644 613	16	9.691 617	19	0.308 383	9.952 996	4	821	1 1.6
.180	9.644 628	15	9.691 636	19	0.308 364	9.952 992	4	.820	2 3.2
181	9.644 644	16	9.691 655	19	0.308 345	9.952 988	4	819	3 4.8
182	9.644 659	15	9.691 674	19	0.308 326	9.952 985	3	818	4 6.4
183	9.644 674	15	9.691 694	20	0.308 306	9.952 981	4	817	5 8.0
184	9.644 690	16	9.691 713	19	0.308 287	9.952 977	4	816	6 9.6
185	9.644 705	15	9.691 732	19	0.308 268	9.952 973	4	815	7 11.2
186	9.644 721	16	9.691 751	19	0.308 249	9.952 970	3	814	8 12.8
187	9.644 736	15	9.691 770	19	0.308 230	9.952 966	4	813	9 14.4
188	9.644 752	16	9.691 789	19	0.308 211	9.952 962	4	812	
189	9.644 767	15	9.691 808	19	0.308 192	9.952 959	3	811	15
.190	9.644 782	15	9.691 828	20	0.308 172	9.952 955	4	.810	
191	9.644 798	16	9.691 847	19	0.308 153	9.952 951	4	809	1 1.5
192	9.644 813	15	9.691 866	19	0.308 134	9.952 947	4	808	2 3.0
193	9.644 829	16	9.691 885	19	0.308 115	9.952 944	3	807	3 4.5
194	9.644 844	15	9.691 904	19	0.308 096	9.952 940	4	806	4 6.0
195	9.644 859	15	9.691 923	19	0.308 077	9.952 936	4	805	5 7.5
196	9.644 875	16	9.691 942	19	0.308 058	9.952 932	4	804	6 9.0
197	9.644 890	15	9.691 962	20	0.308 038	9.952 929	3	803	7 10.5
198	9.644 906	16	9.691 981	19	0.308 019	9.952 925	4	802	8 12.0
199	9.644 921	15	9.692 000	19	0.308 000	9.952 921	4	801	9 13.5
.200	9.644 936	15	9.692 019	19	0.307 981	9.952 918	3	.800	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.850 — 63°.800

26°.200 — 26°.250

26°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.644 936	16	9.692 019	19	0.307 981	9.952 918	4	.800	
201	9.644 952	15	9.692 038	19	0.307 962	9.952 914	4	799	
202	9.644 967	16	9.692 057	19	0.307 943	9.952 910	4	798	
203	9.644 983	15	9.692 076	19	0.307 924	9.952 906	4	797	
204	9.644 998	15	9.692 095	19	0.307 905	9.952 903	3	796	20
205	9.645 013	15	9.692 115	20	0.307 885	9.952 899	4	795	1 2.0
206	9.645 029	16	9.692 134	19	0.307 866	9.952 895	4	794	2 4.0
207	9.645 044	15	9.692 153	19	0.307 847	9.952 891	4	793	3 6.0
208	9.645 060	16	9.692 172	19	0.307 828	9.952 888	3	792	4 8.0
209	9.645 075	15	9.692 191	19	0.307 809	9.952 884	4	791	5 10.0
.210	9.645 090	15	9.692 210	19	0.307 790	9.952 880	4	.790	6 12.0
211	9.645 106	16	9.692 229	19	0.307 771	9.952 876	4	789	7 14.0
212	9.645 121	15	9.692 249	20	0.307 751	9.952 873	3	788	8 16.0
213	9.645 137	16	9.692 268	19	0.307 732	9.952 869	4	787	9 18.0
214	9.645 152	15	9.692 287	19	0.307 713	9.952 865	4	786	
215	9.645 167	15	9.692 306	19	0.307 694	9.952 862	3	785	19
216	9.645 183	16	9.692 325	19	0.307 675	9.952 858	4	784	
217	9.645 198	15	9.692 344	19	0.307 656	9.952 854	4	783	1 1.9
218	9.645 214	16	9.692 363	19	0.307 637	9.952 850	4	782	2 3.8
219	9.645 229	15	9.692 382	19	0.307 618	9.952 847	3	781	3 5.7
.220	9.645 244	15	9.692 402	20	0.307 598	9.952 843	4	.780	4 7.6
221	9.645 260	16	9.692 421	19	0.307 579	9.952 839	4	779	5 9.5
222	9.645 275	15	9.692 440	19	0.307 560	9.952 835	4	778	6 11.4
223	9.645 291	16	9.692 459	19	0.307 541	9.952 832	3	777	7 13.3
224	9.645 306	15	9.692 478	19	0.307 522	9.952 828	4	776	8 15.2
225	9.645 321	15	9.692 497	19	0.307 503	9.952 824	4	775	9 17.1
226	9.645 337	16	9.692 516	19	0.307 484	9.952 820	4	774	
227	9.645 352	15	9.692 535	19	0.307 465	9.952 817	3	773	16
228	9.645 368	16	9.692 554	19	0.307 446	9.952 813	4	772	
229	9.645 383	15	9.692 574	20	0.307 426	9.952 809	4	771	1 1.6
.230	9.645 398	15	9.692 593	19	0.307 407	9.952 806	3	.770	2 3.2
231	9.645 414	16	9.692 612	19	0.307 388	9.952 802	4	769	3 4.8
232	9.645 429	15	9.692 631	19	0.307 369	9.952 798	4	768	4 6.4
233	9.645 444	15	9.692 650	19	0.307 350	9.952 794	4	767	5 8.0
234	9.645 460	16	9.692 669	19	0.307 331	9.952 791	3	766	6 9.6
235	9.645 475	15	9.692 688	19	0.307 312	9.952 787	4	765	7 11.2
236	9.645 491	16	9.692 707	19	0.307 293	9.952 783	4	764	8 12.8
237	9.645 506	15	9.692 727	20	0.307 273	9.952 779	4	763	9 14.4
238	9.645 521	15	9.692 746	19	0.307 254	9.952 776	3	762	
239	9.645 537	16	9.692 765	19	0.307 235	9.952 772	4	761	
.240	9.645 552	15	9.692 784	19	0.307 216	9.952 768	4	.760	15
241	9.645 567	15	9.692 803	19	0.307 197	9.952 764	4	759	1 1.5
242	9.645 583	16	9.692 822	19	0.307 178	9.952 761	3	758	2 3.0
243	9.645 598	15	9.692 841	19	0.307 159	9.952 757	4	757	3 4.5
244	9.645 614	16	9.692 860	19	0.307 140	9.952 753	4	756	4 6.0
245	9.645 629	15	9.692 879	19	0.307 121	9.952 750	3	755	5 7.5
246	9.645 644	15	9.692 899	20	0.307 101	9.952 746	4	754	6 9.0
247	9.645 660	16	9.692 918	19	0.307 082	9.952 742	4	753	7 10.5
248	9.645 675	15	9.692 937	19	0.307 063	9.952 738	4	752	8 12.0
249	9.645 690	15	9.692 956	19	0.307 044	9.952 735	3	751	9 13.5
.250	9.645 706	16	9.692 975	19	0.307 025	9.952 731	4	.750	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.800 — 63°.750

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

26°.250 — 26°.300

26°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.645 706		9.692 975		0.307 025	9.952 731		.750	
251	9.645 721	15	9.692 994	19	0.307 006	9.952 727	4	749	
252	9.645 737	16	9.693 013	19	0.306 987	9.952 723	4	748	
253	9.645 752	15	9.693 032	19	0.306 968	9.952 720	3	747	
		15		19			4		20
254	9.645 767	15	9.693 051	19	0.306 949	9.952 716	4	746	
255	9.645 783	16	9.693 071	20	0.306 929	9.952 712	4	745	1 2.0
256	9.645 798	15	9.693 090	19	0.306 910	9.952 708	4	744	2 4.0
		15		19			3		3 6.0
257	9.645 813	16	9.693 109	19	0.306 891	9.952 705	4	743	4 8.0
258	9.645 829	15	9.693 128	19	0.306 872	9.952 701	4	742	5 10.0
259	9.645 844	16	9.693 147	19	0.306 853	9.952 697	4	741	6 12.0
		15		19			4		7 14.0
.260	9.645 860	15	9.693 166	19	0.306 834	9.952 693	3	.740	8 16.0
		15		19			4		9 18.0
261	9.645 875	15	9.693 185	19	0.306 815	9.952 690	4	739	
262	9.645 890	16	9.693 204	19	0.306 796	9.952 686	4	738	
263	9.645 906	15	9.693 223	19	0.306 777	9.952 682	4	737	
		15		19			4		19
264	9.645 921	15	9.693 242	19	0.306 758	9.952 678	3	736	
265	9.645 936	16	9.693 262	20	0.306 738	9.952 675	4	735	
266	9.645 952	15	9.693 281	19	0.306 719	9.952 671	4	734	
		15		19			4		1 1.9
267	9.645 967	15	9.693 300	19	0.306 700	9.952 667	3	733	2 3.8
268	9.645 982	16	9.693 319	19	0.306 681	9.952 664	4	732	3 5.7
269	9.645 998	15	9.693 338	19	0.306 662	9.952 660	4	731	4 7.6
		15		19			4		5 9.5
.270	9.646 013	15	9.693 357	19	0.306 643	9.952 656	4	.730	6 11.4
		15		19			4		7 13.3
271	9.646 028	16	9.693 376	19	0.306 624	9.952 652	3	729	8 15.2
272	9.646 044	15	9.693 395	19	0.306 605	9.952 649	4	728	9 17.1
273	9.646 059	16	9.693 414	19	0.306 586	9.952 645	4	727	
		16		19			4		
274	9.646 075	15	9.693 433	20	0.306 567	9.952 641	4	726	
275	9.646 090	15	9.693 453	19	0.306 547	9.952 637	4	725	
276	9.646 105	15	9.693 472	19	0.306 528	9.952 634	3	724	
		16		19			4		
277	9.646 121	15	9.693 491	19	0.306 509	9.952 630	4	723	16
278	9.646 136	15	9.693 510	19	0.306 490	9.952 626	4	722	
279	9.646 151	15	9.693 529	19	0.306 471	9.952 622	4	721	
		16		19			3		
.280	9.646 167	15	9.693 548	19	0.306 452	9.952 619	4	.720	
		15		19			4		
281	9.646 182	15	9.693 567	19	0.306 433	9.952 615	4	719	
282	9.646 197	16	9.693 586	19	0.306 414	9.952 611	4	718	
283	9.646 213	15	9.693 605	19	0.306 395	9.952 607	4	717	
		15		19			3		
284	9.646 228	15	9.693 624	19	0.306 376	9.952 604	4	716	
285	9.646 243	16	9.693 643	20	0.306 357	9.952 600	4	715	
286	9.646 259	15	9.693 663	19	0.306 337	9.952 596	4	714	
		15		19			4		
287	9.646 274	15	9.693 682	19	0.306 318	9.952 592	3	713	
288	9.646 289	16	9.693 701	19	0.306 299	9.952 589	4	712	
289	9.646 305	15	9.693 720	19	0.306 280	9.952 585	4	711	
		15		19			4		15
.290	9.646 320	15	9.693 739	19	0.306 261	9.952 581	4	.710	
		15		19			4		
291	9.646 335	16	9.693 758	19	0.306 242	9.952 577	3	709	
292	9.646 351	15	9.693 777	19	0.306 223	9.952 574	4	708	
293	9.646 366	15	9.693 796	19	0.306 204	9.952 570	4	707	
		15		19			4		
294	9.646 381	16	9.693 815	19	0.306 185	9.952 566	4	706	
295	9.646 397	15	9.693 834	19	0.306 166	9.952 562	4	705	
296	9.646 412	15	9.693 853	19	0.306 147	9.952 559	3	704	
		15		20			4		
297	9.646 427	16	9.693 873	19	0.306 127	9.952 555	4	703	
298	9.646 443	15	9.693 892	19	0.306 108	9.952 551	4	702	
299	9.646 458	16	9.693 911	19	0.306 089	9.952 547	4	701	
		16		19			3		
.300	9.646 474		9.693 930		0.306 070	9.952 544		.700	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.750 — 63°.700

26°.300 — 26°.350

26°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.646 474		9.693 930		0.306 070	9.952 544		.700	
301	9.646 489	15	9.693 949	19	0.306 051	9.952 540	4	699	
302	9.646 504	15	9.693 968	19	0.306 032	9.952 536	4	698	
303	9.646 520	16	9.693 987	19	0.306 013	9.952 532	4	697	
304	9.646 535	15	9.694 006	19	0.305 994	9.952 529	3	696	20
305	9.646 550	15	9.694 025	19	0.305 975	9.952 525	4	695	1 2.0
306	9.646 566	16	9.694 044	19	0.305 956	9.952 521	4	694	2 4.0
307	9.646 581	15	9.694 063	19	0.305 937	9.952 517	4	693	3 6.0
308	9.646 596	15	9.694 082	19	0.305 918	9.952 514	3	692	4 8.0
309	9.646 612	16	9.694 102	20	0.305 898	9.952 510	4	691	5 10.0
.310	9.646 627	15	9.694 121	19	0.305 879	9.952 506	4	.690	6 12.0
311	9.646 642	15	9.694 140	19	0.305 860	9.952 503	3	689	7 14.0
312	9.646 658	16	9.694 159	19	0.305 841	9.952 499	4	688	8 16.0
313	9.646 673	15	9.694 178	19	0.305 822	9.952 495	4	687	9 18.0
314	9.646 688	15	9.694 197	19	0.305 803	9.952 491	4	686	
315	9.646 703	15	9.694 216	19	0.305 784	9.952 488	3	685	19
316	9.646 719	16	9.694 235	19	0.305 765	9.952 484	4	684	1 1.9
317	9.646 734	15	9.694 254	19	0.305 746	9.952 480	4	683	2 3.8
318	9.646 749	15	9.694 273	19	0.305 727	9.952 476	4	682	3 5.7
319	9.646 765	16	9.694 292	19	0.305 708	9.952 473	3	681	4 7.6
.320	9.646 780	15	9.694 311	19	0.305 689	9.952 469	4	.680	5 9.5
321	9.646 795	15	9.694 330	19	0.305 670	9.952 465	4	679	6 11.4
322	9.646 811	16	9.694 349	19	0.305 651	9.952 461	4	678	7 13.3
323	9.646 826	15	9.694 369	20	0.305 631	9.952 458	3	677	8 15.2
324	9.646 841	15	9.694 388	19	0.305 612	9.952 454	4	676	9 17.1
325	9.646 857	16	9.694 407	19	0.305 593	9.952 450	4	675	
326	9.646 872	15	9.694 426	19	0.305 574	9.952 446	4	674	
327	9.646 887	15	9.694 445	19	0.305 555	9.952 443	3	673	16
328	9.646 903	16	9.694 464	19	0.305 536	9.952 439	4	672	1 1.6
329	9.646 918	15	9.694 483	19	0.305 517	9.952 435	4	671	2 3.2
.330	9.646 933	15	9.694 502	19	0.305 498	9.952 431	4	.670	3 4.8
331	9.646 949	16	9.694 521	19	0.305 479	9.952 428	3	669	4 6.4
332	9.646 964	15	9.694 540	19	0.305 460	9.952 424	4	668	5 8.0
333	9.646 979	15	9.694 559	19	0.305 441	9.952 420	4	667	6 9.6
334	9.646 995	16	9.694 578	19	0.305 422	9.952 416	4	666	7 11.2
335	9.647 010	15	9.694 597	19	0.305 403	9.952 413	3	665	8 12.8
336	9.647 025	15	9.694 616	19	0.305 384	9.952 409	4	664	9 14.4
337	9.647 041	16	9.694 636	20	0.305 364	9.952 405	4	663	
338	9.647 056	15	9.694 655	19	0.305 345	9.952 401	4	662	
339	9.647 071	15	9.694 674	19	0.305 326	9.952 397	4	661	15
.340	9.647 086	15	9.694 693	19	0.305 307	9.952 394	3	.660	1 1.5
341	9.647 102	16	9.694 712	19	0.305 288	9.952 390	4	659	2 3.0
342	9.647 117	15	9.694 731	19	0.305 269	9.952 386	4	658	3 4.5
343	9.647 132	15	9.694 750	19	0.305 250	9.952 382	4	657	4 6.0
344	9.647 148	16	9.694 769	19	0.305 231	9.952 379	3	656	5 7.5
345	9.647 163	15	9.694 788	19	0.305 212	9.952 375	4	655	6 9.0
346	9.647 178	15	9.694 807	19	0.305 193	9.952 371	4	654	7 10.5
347	9.647 194	16	9.694 826	19	0.305 174	9.952 367	4	653	8 12.0
348	9.647 209	15	9.694 845	19	0.305 155	9.952 364	3	652	9 13.5
349	9.647 224	15	9.694 864	19	0.305 136	9.952 360	4	651	
.350	9.647 240	16	9.694 883	19	0.305 117	9.952 356	4	.650	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.700 — 63°.650

26°.350 — 26°.400

26°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.647 240		9.694 883		0.305 117	9.952 356		.650	
351	9.647 255	15	9.694 902	19	0.305 098	9.952 352	4	649	
352	9.647 270	15	9.694 921	19	0.305 079	9.952 349	3	648	
353	9.647 285	15	9.694 940	19	0.305 060	9.952 345	4	647	
		16		20			4		20
354	9.647 301		9.694 960		0.305 040	9.952 341	4	646	
355	9.647 316	15	9.694 979	19	0.305 021	9.952 337	4	645	1 2.0
356	9.647 331	15	9.694 998	19	0.305 002	9.952 334	3	644	2 4.0
		16		19			4		3 6.0
357	9.647 347		9.695 017		0.304 983	9.952 330	4	643	4 8.0
358	9.647 362	15	9.695 036	19	0.304 964	9.952 326	4	642	5 10.0
359	9.647 377	15	9.695 055	19	0.304 945	9.952 322	4	641	6 12.0
		16		19			3		7 14.0
.360	9.647 393		9.695 074		0.304 926	9.952 319		.640	8 16.0
		15		19			4		9 18.0
361	9.647 408		9.695 093		0.304 907	9.952 315		639	
362	9.647 423	15	9.695 112	19	0.304 888	9.952 311	4	638	
363	9.647 438	15	9.695 131	19	0.304 869	9.952 307	4	637	
		16		19			3		
364	9.647 454		9.695 150		0.304 850	9.952 304		636	
365	9.647 469	15	9.695 169	19	0.304 831	9.952 300	4	635	
366	9.647 484	15	9.695 188	19	0.304 812	9.952 296	4	634	19
		16		19			4		
367	9.647 500		9.695 207		0.304 793	9.952 292		633	1 1.9
368	9.647 515	15	9.695 226	19	0.304 774	9.952 289	3	632	2 3.8
369	9.647 530	15	9.695 245	19	0.304 755	9.952 285	4	631	3 5.7
		15		19			4		4 7.6
.370	9.647 545		9.695 264		0.304 736	9.952 281		.630	5 9.5
		16		19			4		6 11.4
371	9.647 561		9.695 283		0.304 717	9.952 277		629	7 13.3
372	9.647 576	15	9.695 302	19	0.304 698	9.952 274	3	628	8 15.2
373	9.647 591	15	9.695 321	19	0.304 679	9.952 270	4	627	9 17.1
		16		20			4		
374	9.647 607		9.695 341		0.304 659	9.952 266		626	
375	9.647 622	15	9.695 360	19	0.304 640	9.952 262	4	625	
376	9.647 637	15	9.695 379	19	0.304 621	9.952 259	3	624	
		15		19			4		
377	9.647 652		9.695 398		0.304 602	9.952 255		623	16
378	9.647 668	16	9.695 417	19	0.304 583	9.952 251	4	622	
379	9.647 683	15	9.695 436	19	0.304 564	9.952 247	4	621	1 1.6
		15		19			4		2 3.2
.380	9.647 698		9.695 455		0.304 545	9.952 243		.620	3 4.8
		16		19			3		4 6.4
381	9.647 714		9.695 474		0.304 526	9.952 240		619	5 8.0
382	9.647 729	15	9.695 493	19	0.304 507	9.952 236	4	618	6 9.6
383	9.647 744	15	9.695 512	19	0.304 488	9.952 232	4	617	7 11.2
		15		19			4		8 12.8
384	9.647 759		9.695 531		0.304 469	9.952 228		616	9 14.4
385	9.647 775	16	9.695 550	19	0.304 450	9.952 225	3	615	
386	9.647 790	15	9.695 569	19	0.304 431	9.952 221	4	614	
		15		19			4		
387	9.647 805		9.695 588		0.304 412	9.952 217		613	
388	9.647 821	16	9.695 607	19	0.304 393	9.952 213	4	612	
389	9.647 836	15	9.695 626	19	0.304 374	9.952 210	3	611	
		15		19			4		15
.390	9.647 851		9.695 645		0.304 355	9.952 206		.610	1 1.5
		15		19			4		2 3.0
391	9.647 866		9.695 664		0.304 336	9.952 202		609	3 4.5
392	9.647 882	16	9.695 683	19	0.304 317	9.952 198	4	608	4 6.0
393	9.647 897	15	9.695 702	19	0.304 298	9.952 195	3	607	5 7.5
		15		19			4		6 9.0
394	9.647 912		9.695 721		0.304 279	9.952 191		606	7 10.5
395	9.647 927	15	9.695 740	19	0.304 260	9.952 187	4	605	8 12.0
396	9.647 943	16	9.695 759	19	0.304 241	9.952 183	4	604	9 13.5
		15		19			3		
397	9.647 958		9.695 778		0.304 222	9.952 180		603	
398	9.647 973	15	9.695 797	19	0.304 203	9.952 176	4	602	
399	9.647 989	16	9.695 817	20	0.304 183	9.952 172	4	601	
		15		19			4		
.400	9.648 004		9.695 836		0.304 164	9.952 168		.600	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.650 — 63°.600

26°.400 — 26°.450

26°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.648 004		9.695 836		0.304 164	9.952 168		.600	
401	9.648 019	15	9.695 855	19	0.304 145	9.952 165	3	599	
402	9.648 034	15	9.695 874	19	0.304 126	9.952 161	4	598	
403	9.648 050	16	9.695 893	19	0.304 107	9.952 157	4	597	
		15		19			4		20
404	9.648 065	15	9.695 912	19	0.304 088	9.952 153	4	596	1 2.0
405	9.648 080	15	9.695 931	19	0.304 069	9.952 149	4	595	2 4.0
406	9.648 095	15	9.695 950	19	0.304 050	9.952 146	3	594	3 6.0
		16		19			4		4 8.0
407	9.648 111	15	9.695 969	19	0.304 031	9.952 142	4	593	5 10.0
408	9.648 126	15	9.695 988	19	0.304 012	9.952 138	4	592	6 12.0
409	9.648 141	15	9.696 007	19	0.303 993	9.952 134	4	591	7 14.0
		15		19			3		8 16.0
.410	9.648 156	16	9.696 026	19	0.303 974	9.952 131	4	.590	9 18.0
411	9.648 172	15	9.696 045	19	0.303 955	9.952 127	4	589	
412	9.648 187	15	9.696 064	19	0.303 936	9.952 123	4	588	
413	9.648 202	15	9.696 083	19	0.303 917	9.952 119	4	587	
		16		19			3		19
414	9.648 218	15	9.696 102	19	0.303 898	9.952 116	4	586	1 1.9
415	9.648 233	15	9.696 121	19	0.303 879	9.952 112	4	585	2 3.8
416	9.648 248	15	9.696 140	19	0.303 860	9.952 108	4	584	3 5.7
		15		19			4		4 7.6
417	9.648 263	16	9.696 159	19	0.303 841	9.952 104	3	583	5 9.5
418	9.648 279	15	9.696 178	19	0.303 822	9.952 101	4	582	6 11.4
419	9.648 294	15	9.696 197	19	0.303 803	9.952 097	4	581	7 13.3
		15		19			3		8 15.2
.420	9.648 309	16	9.696 216	19	0.303 784	9.952 093	4	.580	9 17.1
421	9.648 324	16	9.696 235	19	0.303 765	9.952 089	4	579	
422	9.648 340	15	9.696 254	19	0.303 746	9.952 085	4	578	
423	9.648 355	15	9.696 273	19	0.303 727	9.952 082	3	577	
		15		19			4		
424	9.648 370	15	9.696 292	19	0.303 708	9.952 078	4	576	
425	9.648 385	15	9.696 311	19	0.303 689	9.952 074	4	575	
426	9.648 401	16	9.696 330	19	0.303 670	9.952 070	4	574	
		15		19			3		
427	9.648 416	15	9.696 349	19	0.303 651	9.952 067	4	573	16
428	9.648 431	15	9.696 368	19	0.303 632	9.952 063	4	572	1 1.6
429	9.648 446	15	9.696 387	19	0.303 613	9.952 059	4	571	2 3.2
		16		19			4		3 4.8
.430	9.648 462	15	9.696 406	19	0.303 594	9.952 055	3	.570	4 6.4
431	9.648 477	15	9.696 425	19	0.303 575	9.952 052	4	569	5 8.0
432	9.648 492	15	9.696 444	19	0.303 556	9.952 048	4	568	6 9.6
433	9.648 507	16	9.696 463	19	0.303 537	9.952 044	4	567	7 11.2
		15		19			4		8 12.8
434	9.648 523	15	9.696 482	19	0.303 518	9.952 040	4	566	9 14.4
435	9.648 538	15	9.696 501	19	0.303 499	9.952 036	4	565	
436	9.648 553	15	9.696 520	19	0.303 480	9.952 033	3	564	
		15		19			4		
437	9.648 568	16	9.696 539	19	0.303 461	9.952 029	4	563	
438	9.648 584	15	9.696 558	19	0.303 442	9.952 025	4	562	
439	9.648 599	15	9.696 577	19	0.303 423	9.952 021	4	561	
		15		19			3		15
.440	9.648 614	16	9.696 596	19	0.303 404	9.952 018	4	.560	1 1.5
441	9.648 629	16	9.696 615	19	0.303 385	9.952 014	4	559	2 3.0
442	9.648 645	15	9.696 634	19	0.303 366	9.952 010	4	558	3 4.5
443	9.648 660	15	9.696 653	19	0.303 347	9.952 006	4	557	4 6.0
		15		19			3		5 7.5
444	9.648 675	15	9.696 672	19	0.303 328	9.952 003	4	556	6 9.0
445	9.648 690	15	9.696 691	19	0.303 309	9.951 999	4	555	7 10.5
446	9.648 706	16	9.696 710	19	0.303 290	9.951 995	4	554	8 12.0
		15		20			4		9 13.5
447	9.648 721	15	9.696 730	19	0.303 270	9.951 991	4	553	
448	9.648 736	15	9.696 749	19	0.303 251	9.951 987	4	552	
449	9.648 751	15	9.696 768	19	0.303 232	9.951 984	3	551	
		15		19			4		
.450	9.648 766		9.696 787		0.303 213	9.951 980		.550	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.600 — 63°.550

26°.450 — 26°.500

26°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.648 766	16	9.696 787	19	0.303 213	9.951 980	4	.550	
451	9.648 782	15	9.696 806	19	0.303 194	9.951 976	4	549	
452	9.648 797	15	9.696 825	19	0.303 175	9.951 972	4	548	
453	9.648 812	15	9.696 844	19	0.303 156	9.951 969	3	547	
		15		19			4	546	19
454	9.648 827	16	9.696 863	19	0.303 137	9.951 965	4	545	1 1.9
455	9.648 843	15	9.696 882	19	0.303 118	9.951 961	4	544	2 3.8
456	9.648 858	15	9.696 901	19	0.303 099	9.951 957	4	543	3 5.7
		15		19			3	542	4 7.6
457	9.648 873	15	9.696 920	19	0.303 080	9.951 954	4	541	5 9.5
458	9.648 888	16	9.696 939	19	0.303 061	9.951 950	4		6 11.4
459	9.648 904	15	9.696 958	19	0.303 042	9.951 946	4		7 13.3
		15		19			4	.540	8 15.2
.460	9.648 919	15	9.696 977	19	0.303 023	9.951 942	4	539	9 17.1
		15		19			4	538	
461	9.648 934	15	9.696 996	19	0.303 004	9.951 938	3	537	
462	9.648 949	15	9.697 015	19	0.302 985	9.951 935	4	536	
463	9.648 964	16	9.697 034	19	0.302 966	9.951 931	4	535	18
		16		19			4	534	
464	9.648 980	15	9.697 053	19	0.302 947	9.951 927	4	533	1 1.8
465	9.648 995	15	9.697 072	19	0.302 928	9.951 923	4	532	2 3.6
466	9.649 010	15	9.697 091	19	0.302 909	9.951 920	3	531	3 5.4
		15		19			4		4 7.2
467	9.649 025	16	9.697 110	19	0.302 890	9.951 916	4		5 9.0
468	9.649 041	15	9.697 129	19	0.302 871	9.951 912	4		6 10.8
469	9.649 056	15	9.697 148	19	0.302 852	9.951 908	4		7 12.6
		15		19			3		8 14.4
.470	9.649 071	15	9.697 167	19	0.302 833	9.951 904	4	.530	9 16.2
		15		19			3	529	
471	9.649 086	15	9.697 186	19	0.302 814	9.951 901	4	528	
472	9.649 101	16	9.697 205	19	0.302 795	9.951 897	4	527	
473	9.649 117	15	9.697 224	19	0.302 776	9.951 893	4	526	
		15		19			3	525	
474	9.649 132	15	9.697 243	19	0.302 757	9.951 889	4	524	
475	9.649 147	15	9.697 262	19	0.302 738	9.951 886	4	523	16
476	9.649 162	16	9.697 281	19	0.302 719	9.951 882	4	522	
		16		19			3	521	
477	9.649 178	15	9.697 300	19	0.302 700	9.951 878	4		1 1.6
478	9.649 193	15	9.697 319	19	0.302 681	9.951 874	4		2 3.2
479	9.649 208	15	9.697 338	19	0.302 662	9.951 871	3		3 4.8
		15		19			4		4 6.4
.480	9.649 223	15	9.697 357	19	0.302 643	9.951 867	4	.520	5 8.0
		15		19			4	519	6 9.6
481	9.649 238	16	9.697 376	18	0.302 624	9.951 863	4	518	7 11.2
482	9.649 254	15	9.697 394	19	0.302 606	9.951 859	4	517	8 12.8
483	9.649 269	15	9.697 413	19	0.302 587	9.951 855	3	516	9 14.4
		15		19			4	515	
484	9.649 284	15	9.697 432	19	0.302 568	9.951 852	4	514	
485	9.649 299	16	9.697 451	19	0.302 549	9.951 848	4	513	
486	9.649 315	15	9.697 470	19	0.302 530	9.951 844	4	512	
		15		19			3	511	
487	9.649 330	15	9.697 489	19	0.302 511	9.951 840	4		15
488	9.649 345	15	9.697 508	19	0.302 492	9.951 837	4		
489	9.649 360	15	9.697 527	19	0.302 473	9.951 833	4		
		15		19			4	.510	
.490	9.649 375	16	9.697 546	19	0.302 454	9.951 829	4	509	1 1.5
		16		19			4	508	2 3.0
491	9.649 391	15	9.697 565	19	0.302 435	9.951 825	4	507	3 4.5
492	9.649 406	15	9.697 584	19	0.302 416	9.951 821	3	506	4 6.0
493	9.649 421	15	9.697 603	19	0.302 397	9.951 818	4	505	5 7.5
		15		19			4	504	6 9.0
494	9.649 436	15	9.697 622	19	0.302 378	9.951 814	4		7 10.5
495	9.649 451	16	9.697 641	19	0.302 359	9.951 810	4		8 12.0
496	9.649 467	15	9.697 660	19	0.302 340	9.951 806	4		9 13.5
		15		19			3	503	
497	9.649 482	15	9.697 679	19	0.302 321	9.951 803	4	502	
498	9.649 497	15	9.697 698	19	0.302 302	9.951 799	4	501	
499	9.649 512	15	9.697 717	19	0.302 283	9.951 795	4		
		15		19			4	.500	
.500	9.649 527	15	9.697 736	19	0.302 264	9.951 791	4		
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.550 — 63°.500

26°.500 — 26°.550

26°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.649 527	16	9.697 736	19	0.302 264	9.951 791	4	.500	
501	9.649 543	15	9.697 755	19	0.302 245	9.951 787	3	499	
502	9.649 558	15	9.697 774	19	0.302 226	9.951 784	4	498	
503	9.649 573	15	9.697 793	19	0.302 207	9.951 780	4	497	
504	9.649 588	15	9.697 812	19	0.302 188	9.951 776	4	496	19
505	9.649 603	15	9.697 831	19	0.302 169	9.951 772	4	495	1 1.9
506	9.649 619	16	9.697 850	19	0.302 150	9.951 769	3	494	2 3.8
507	9.649 634	15	9.697 869	19	0.302 131	9.951 765	4	493	3 5.7
508	9.649 649	15	9.697 888	19	0.302 112	9.951 761	4	492	4 7.6
509	9.649 664	15	9.697 907	19	0.302 093	9.951 757	4	491	5 9.5
.510	9.649 679	15	9.697 926	19	0.302 074	9.951 753	4	.490	6 11.4
511	9.649 695	16	9.697 945	19	0.302 055	9.951 750	3	489	7 13.3
512	9.649 710	15	9.697 964	19	0.302 036	9.951 746	4	488	8 15.2
513	9.649 725	15	9.697 983	19	0.302 017	9.951 742	4	487	9 17.1
514	9.649 740	15	9.698 002	19	0.301 998	9.951 738	4	486	
515	9.649 755	15	9.698 021	19	0.301 979	9.951 734	4	485	
516	9.649 771	16	9.698 040	19	0.301 960	9.951 731	3	484	18
517	9.649 786	15	9.698 059	19	0.301 941	9.951 727	4	483	1 1.8
518	9.649 801	15	9.698 078	19	0.301 922	9.951 723	4	482	2 3.6
519	9.649 816	15	9.698 097	19	0.301 903	9.951 719	4	481	3 5.4
.520	9.649 831	15	9.698 116	19	0.301 884	9.951 716	3	.480	4 7.2
521	9.649 847	16	9.698 135	19	0.301 865	9.951 712	4	479	5 9.0
522	9.649 862	15	9.698 154	19	0.301 846	9.951 708	4	478	6 10.8
523	9.649 877	15	9.698 173	19	0.301 827	9.951 704	4	477	7 12.6
524	9.649 892	15	9.698 192	19	0.301 808	9.951 700	4	476	8 14.4
525	9.649 907	15	9.698 211	19	0.301 789	9.951 697	3	475	9 16.2
526	9.649 922	15	9.698 230	19	0.301 770	9.951 693	4	474	
527	9.649 938	16	9.698 249	19	0.301 751	9.951 689	4	473	16
528	9.649 953	15	9.698 268	19	0.301 732	9.951 685	4	472	1 1.6
529	9.649 968	15	9.698 287	19	0.301 713	9.951 682	3	471	2 3.2
.530	9.649 983	15	9.698 305	18	0.301 695	9.951 678	4	.470	3 4.8
531	9.649 998	15	9.698 324	19	0.301 676	9.951 674	4	469	4 6.4
532	9.650 014	16	9.698 343	19	0.301 657	9.951 670	4	468	5 8.0
533	9.650 029	15	9.698 362	19	0.301 638	9.951 666	4	467	6 9.6
534	9.650 044	15	9.698 381	19	0.301 619	9.951 663	3	466	7 11.2
535	9.650 059	15	9.698 400	19	0.301 600	9.951 659	4	465	8 12.8
536	9.650 074	15	9.698 419	19	0.301 581	9.951 655	4	464	9 14.4
537	9.650 089	15	9.698 438	19	0.301 562	9.951 651	4	463	
538	9.650 105	16	9.698 457	19	0.301 543	9.951 647	4	462	
539	9.650 120	15	9.698 476	19	0.301 524	9.951 644	3	461	
.540	9.650 135	15	9.698 495	19	0.301 505	9.951 640	4	.460	15
541	9.650 150	15	9.698 514	19	0.301 486	9.951 636	4	459	1 1.5
542	9.650 165	15	9.698 533	19	0.301 467	9.951 632	4	458	2 3.0
543	9.650 181	16	9.698 552	19	0.301 448	9.951 629	3	457	3 4.5
544	9.650 196	15	9.698 571	19	0.301 429	9.951 625	4	456	4 6.0
545	9.650 211	15	9.698 590	19	0.301 410	9.951 621	4	455	5 7.5
546	9.650 226	15	9.698 609	19	0.301 391	9.951 617	4	454	6 9.0
547	9.650 241	15	9.698 628	19	0.301 372	9.951 613	4	453	7 10.5
548	9.650 256	15	9.698 647	19	0.301 353	9.951 610	3	452	8 12.0
549	9.650 272	16	9.698 666	19	0.301 334	9.951 606	4	451	9 13.5
.550	9.650 287	15	9.698 685	19	0.301 315	9.951 602	4	.450	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.500 — 63°.450

26°.550 — 26°.600

26°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.650 287		9.698 685		0.301 315	9.951 602		.450	
551	9.650 302	15	9.698 704	19	0.301 296	9.951 598	4	449	
552	9.650 317	15	9.698 723	19	0.301 277	9.951 594	4	448	
553	9.650 332	15	9.698 742	19	0.301 258	9.951 591	3	447	
									19
554	9.650 347	15	9.698 761	19	0.301 239	9.951 587	4	446	
555	9.650 363	16	9.698 780	19	0.301 220	9.951 583	4	445	1 1.9
556	9.650 378	15	9.698 798	18	0.301 202	9.951 579	4	444	2 3.8
									3 5.7
557	9.650 393	15	9.698 817	19	0.301 183	9.951 576	3	443	4 7.6
558	9.650 408	15	9.698 836	19	0.301 164	9.951 572	4	442	5 9.5
559	9.650 423	15	9.698 855	19	0.301 145	9.951 568	4	441	6 11.4
									7 13.3
.560	9.650 438	15	9.698 874	19	0.301 126	9.951 564	4	.440	8 15.2
		16		19			4		9 17.1
561	9.650 454		9.698 893	19	0.301 107	9.951 560	4	439	
562	9.650 469	15	9.698 912	19	0.301 088	9.951 557	3	438	
563	9.650 484	15	9.698 931	19	0.301 069	9.951 553	4	437	
									18
564	9.650 499	15	9.698 950	19	0.301 050	9.951 549	4	436	
565	9.650 514	15	9.698 969	19	0.301 031	9.951 545	4	435	
566	9.650 529	15	9.698 988	19	0.301 012	9.951 541	4	434	
		16		19			3		1 1.8
567	9.650 545		9.699 007	19	0.300 993	9.951 538	4	433	2 3.6
568	9.650 560	15	9.699 026	19	0.300 974	9.951 534	4	432	3 5.4
569	9.650 575	15	9.699 045	19	0.300 955	9.951 530	4	431	4 7.2
									5 9.0
.570	9.650 590	15	9.699 064	19	0.300 936	9.951 526	4	.430	6 10.8
		15		19			4		7 12.6
571	9.650 605		9.699 083	19	0.300 917	9.951 522	3	429	8 14.4
572	9.650 620	15	9.699 102	19	0.300 898	9.951 519	4	428	9 16.2
573	9.650 635	15	9.699 121	19	0.300 879	9.951 515	4	427	
		16		19			4		
574	9.650 651		9.699 140	19	0.300 860	9.951 511	4	426	
575	9.650 666	15	9.699 159	19	0.300 841	9.951 507	4	425	
576	9.650 681	15	9.699 177	18	0.300 823	9.951 503	4	424	
									16
577	9.650 696	15	9.699 196	19	0.300 804	9.951 500	3	423	
578	9.650 711	15	9.699 215	19	0.300 785	9.951 496	4	422	
579	9.650 726	15	9.699 234	19	0.300 766	9.951 492	4	421	
		16		19			4		1 1.6
.580	9.650 742		9.699 253	19	0.300 747	9.951 488	4	.420	2 3.2
		15		19			3		3 4.8
581	9.650 757		9.699 272	19	0.300 728	9.951 485	4	419	4 6.4
582	9.650 772	15	9.699 291	19	0.300 709	9.951 481	4	418	5 8.0
583	9.650 787	15	9.699 310	19	0.300 690	9.951 477	4	417	6 9.6
		15		19			4		7 11.2
584	9.650 802		9.699 329	19	0.300 671	9.951 473	4	416	8 12.8
585	9.650 817	15	9.699 348	19	0.300 652	9.951 469	4	415	9 14.4
586	9.650 832	15	9.699 367	19	0.300 633	9.951 466	3	414	
		16		19			4		
587	9.650 848		9.699 386	19	0.300 614	9.951 462	4	413	
588	9.650 863	15	9.699 405	19	0.300 595	9.951 458	4	412	
589	9.650 878	15	9.699 424	19	0.300 576	9.951 454	4	411	
									15
.590	9.650 893	15	9.699 443	19	0.300 557	9.951 450	4	.410	1 1.5
		15		19			3		2 3.0
591	9.650 908		9.699 462	19	0.300 538	9.951 447	4	409	3 4.5
592	9.650 923	15	9.699 480	18	0.300 520	9.951 443	4	408	4 6.0
593	9.650 938	15	9.699 499	19	0.300 501	9.951 439	4	407	5 7.5
		16		19			4		6 9.0
594	9.650 954		9.699 518	19	0.300 482	9.951 435	4	406	7 10.5
595	9.650 969	15	9.699 537	19	0.300 463	9.951 431	4	405	8 12.0
596	9.650 984	15	9.699 556	19	0.300 444	9.951 428	3	404	9 13.5
597	9.650 999	15	9.699 575	19	0.300 425	9.951 424	4	403	
598	9.651 014	15	9.699 594	19	0.300 406	9.951 420	4	402	
599	9.651 029	15	9.699 613	19	0.300 387	9.951 416	4	401	
		15		19			4		
.600	9.651 044		9.699 632	19	0.300 368	9.951 412	4	.400	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.450 — 63°.400

26°.600 — 26°.650

26°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.651 044	16	9.699 632	19	0.300 368	9.951 412	3	.400	
601	9.651 060	15	9.699 651	19	0.300 349	9.951 409	4	399	
602	9.651 075	15	9.699 670	19	0.300 330	9.951 405	4	398	
603	9.651 090	15	9.699 689	19	0.300 311	9.951 401	4	397	
604	9.651 105	15	9.699 708	19	0.300 292	9.951 397	4	396	19
605	9.651 120	15	9.699 727	19	0.300 273	9.951 393	4	395	1 1.9
606	9.651 135	15	9.699 746	19	0.300 254	9.951 390	3	394	2 3.8
607	9.651 150	15	9.699 764	18	0.300 236	9.951 386	4	393	3 5.7
608	9.651 165	16	9.699 783	19	0.300 217	9.951 382	4	392	4 7.6
609	9.651 181	15	9.699 802	19	0.300 198	9.951 378	4	391	5 9.5
.610	9.651 196	15	9.699 821	19	0.300 179	9.951 374	4	.390	6 11.4
611	9.651 211	15	9.699 840	19	0.300 160	9.951 371	3	389	7 13.3
612	9.651 226	15	9.699 859	19	0.300 141	9.951 367	4	388	8 15.2
613	9.651 241	15	9.699 878	19	0.300 122	9.951 363	4	387	9 17.1
614	9.651 256	15	9.699 897	19	0.300 103	9.951 359	4	386	
615	9.651 271	15	9.699 916	19	0.300 084	9.951 355	4	385	
616	9.651 287	16	9.699 935	19	0.300 065	9.951 352	3	384	18
617	9.651 302	15	9.699 954	19	0.300 046	9.951 348	4	383	1 1.8
618	9.651 317	15	9.699 973	19	0.300 027	9.951 344	4	382	2 3.6
619	9.651 332	15	9.699 992	19	0.300 008	9.951 340	4	381	3 5.4
.620	9.651 347	15	9.700 011	19	0.299 989	9.951 336	4	.380	4 7.2
621	9.651 362	15	9.700 029	18	0.299 971	9.951 333	3	379	5 9.0
622	9.651 377	15	9.700 048	19	0.299 952	9.951 329	4	378	6 10.8
623	9.651 392	15	9.700 067	19	0.299 933	9.951 325	4	377	7 12.6
624	9.651 407	15	9.700 086	19	0.299 914	9.951 321	4	376	8 14.4
625	9.651 423	16	9.700 105	19	0.299 895	9.951 317	4	375	9 16.2
626	9.651 438	15	9.700 124	19	0.299 876	9.951 314	3	374	
627	9.651 453	15	9.700 143	19	0.299 857	9.951 310	4	373	
628	9.651 468	15	9.700 162	19	0.299 838	9.951 306	4	372	16
629	9.651 483	15	9.700 181	19	0.299 819	9.951 302	4	371	1 1.6
.630	9.651 498	15	9.700 200	19	0.299 800	9.951 298	4	.370	2 3.2
631	9.651 513	15	9.700 219	19	0.299 781	9.951 295	3	369	3 4.8
632	9.651 528	16	9.700 238	19	0.299 762	9.951 291	4	368	4 6.4
633	9.651 544	15	9.700 256	18	0.299 744	9.951 287	4	367	5 8.0
634	9.651 559	15	9.700 275	19	0.299 725	9.951 283	4	366	6 9.6
635	9.651 574	15	9.700 294	19	0.299 706	9.951 279	4	365	7 11.2
636	9.651 589	15	9.700 313	19	0.299 687	9.951 276	3	364	8 12.8
637	9.651 604	15	9.700 332	19	0.299 668	9.951 272	4	363	9 14.4
638	9.651 619	15	9.700 351	19	0.299 649	9.951 268	4	362	
639	9.651 634	15	9.700 370	19	0.299 630	9.951 264	4	361	
.640	9.651 649	15	9.700 389	19	0.299 611	9.951 260	4	.360	15
641	9.651 664	15	9.700 408	19	0.299 592	9.951 257	3	359	1 1.5
642	9.651 680	16	9.700 427	19	0.299 573	9.951 253	4	358	2 3.0
643	9.651 695	15	9.700 446	19	0.299 554	9.951 249	4	357	3 4.5
644	9.651 710	15	9.700 465	19	0.299 535	9.951 245	4	356	4 6.0
645	9.651 725	15	9.700 483	18	0.299 517	9.951 241	4	355	5 7.5
646	9.651 740	15	9.700 502	19	0.299 498	9.951 238	3	354	6 9.0
647	9.651 755	15	9.700 521	19	0.299 479	9.951 234	4	353	7 10.5
648	9.651 770	15	9.700 540	19	0.299 460	9.951 230	4	352	8 12.0
649	9.651 785	15	9.700 559	19	0.299 441	9.951 226	4	351	9 13.5
.650	9.651 800	15	9.700 578	19	0.299 422	9.951 222	4	.350	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.400 — 63°.350

26°.650 — 26°.700

26°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.651 800	16	9.700 578	19	0.299 422	9.951 222	3	.350	
651	9.651 816	15	9.700 597	19	0.299 403	9.951 219	4	349	
652	9.651 831	15	9.700 616	19	0.299 384	9.951 215	4	348	
653	9.651 846	15	9.700 635	19	0.299 365	9.951 211	4	347	
654	9.651 861	15	9.700 654	19	0.299 346	9.951 207	4	346	19
655	9.651 876	15	9.700 673	19	0.299 327	9.951 203	4	345	1 1.9
656	9.651 891	15	9.700 691	18	0.299 309	9.951 200	3	344	2 3.8
657	9.651 906	15	9.700 710	19	0.299 290	9.951 196	4	343	3 5.7
658	9.651 921	15	9.700 729	19	0.299 271	9.951 192	4	342	4 7.6
659	9.651 936	15	9.700 748	19	0.299 252	9.951 188	4	341	5 9.5
.660	9.651 951	15	9.700 767	19	0.299 233	9.951 184	4	.340	6 11.4
661	9.651 967	16	9.700 786	19	0.299 214	9.951 181	3	339	7 13.3
662	9.651 982	15	9.700 805	19	0.299 195	9.951 177	4	338	8 15.2
663	9.651 997	15	9.700 824	19	0.299 176	9.951 173	4	337	9 17.1
664	9.652 012	15	9.700 843	19	0.299 157	9.951 169	4	336	
665	9.652 027	15	9.700 862	19	0.299 138	9.951 165	4	335	18
666	9.652 042	15	9.700 880	18	0.299 120	9.951 162	3	334	
667	9.652 057	15	9.700 899	19	0.299 101	9.951 158	4	333	1 1.8
668	9.652 072	15	9.700 918	19	0.299 082	9.951 154	4	332	2 3.6
669	9.652 087	15	9.700 937	19	0.299 063	9.951 150	4	331	3 5.4
.670	9.652 102	15	9.700 956	19	0.299 044	9.951 146	4	.330	4 7.2
671	9.652 117	15	9.700 975	19	0.299 025	9.951 143	3	329	5 9.0
672	9.652 133	16	9.700 994	19	0.299 006	9.951 139	4	328	6 10.8
673	9.652 148	15	9.701 013	19	0.298 987	9.951 135	4	327	7 12.6
674	9.652 163	15	9.701 032	19	0.298 968	9.951 131	4	326	8 14.4
675	9.652 178	15	9.701 051	19	0.298 949	9.951 127	4	325	9 16.2
676	9.652 193	15	9.701 069	18	0.298 931	9.951 123	4	324	
677	9.652 208	15	9.701 088	19	0.298 912	9.951 120	3	323	16
678	9.652 223	15	9.701 107	19	0.298 893	9.951 116	4	322	
679	9.652 238	15	9.701 126	19	0.298 874	9.951 112	4	321	1 1.6
.680	9.652 253	15	9.701 145	19	0.298 855	9.951 108	4	.320	2 3.2
681	9.652 268	15	9.701 164	19	0.298 836	9.951 104	4	319	3 4.8
682	9.652 283	15	9.701 183	19	0.298 817	9.951 101	3	318	4 6.4
683	9.652 298	15	9.701 202	19	0.298 798	9.951 097	4	317	5 8.0
684	9.652 314	16	9.701 221	19	0.298 779	9.951 093	4	316	6 9.6
685	9.652 329	15	9.701 239	18	0.298 761	9.951 089	4	315	7 11.2
686	9.652 344	15	9.701 258	19	0.298 742	9.951 085	4	314	8 12.8
687	9.652 359	15	9.701 277	19	0.298 723	9.951 082	3	313	9 14.4
688	9.652 374	15	9.701 296	19	0.298 704	9.951 078	4	312	
689	9.652 389	15	9.701 315	19	0.298 685	9.951 074	4	311	
.690	9.652 404	15	9.701 334	19	0.298 666	9.951 070	4	.310	15
691	9.652 419	15	9.701 353	19	0.298 647	9.951 066	4	309	1 1.5
692	9.652 434	15	9.701 372	19	0.298 628	9.951 063	4	308	2 3.0
693	9.652 449	15	9.701 391	19	0.298 609	9.951 059	3	307	3 4.5
694	9.652 464	15	9.701 409	19	0.298 591	9.951 055	4	306	4 6.0
695	9.652 479	15	9.701 428	18	0.298 572	9.951 051	4	305	5 7.5
696	9.652 494	15	9.701 447	19	0.298 553	9.951 047	4	304	6 9.0
697	9.652 510	16	9.701 466	19	0.298 534	9.951 043	4	303	7 10.5
698	9.652 525	15	9.701 485	19	0.298 515	9.951 040	4	302	8 12.0
699	9.652 540	15	9.701 504	19	0.298 496	9.951 036	4	301	9 13.5
.700	9.652 555	15	9.701 523	19	0.298 477	9.951 032	4	.300	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.350 — 63°.300

26°.700 — 26°.750

26°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.652 555		9.701 523		0.298 477	9.951 032		.300	
701	9.652 570	15	9.701 542	19	0.298 458	9.951 028	4	299	
702	9.652 585	15	9.701 561	19	0.298 439	9.951 024	4	298	
703	9.652 600	15	9.701 579	18	0.298 421	9.951 021	3	297	
704	9.652 615	15	9.701 598	19	0.298 402	9.951 017	4	296	19
705	9.652 630	15	9.701 617	19	0.298 383	9.951 013	4	295	1 1.9
706	9.652 645	15	9.701 636	19	0.298 364	9.951 009	4	294	2 3.8
707	9.652 660	15	9.701 655	19	0.298 345	9.951 005	4	293	3 5.7
708	9.652 675	15	9.701 674	19	0.298 326	9.951 002	3	292	4 7.6
709	9.652 690	15	9.701 693	19	0.298 307	9.950 998	4	291	5 9.5
.710	9.652 705	15	9.701 712	19	0.298 288	9.950 994	4	.290	6 11.4
711	9.652 721	16	9.701 730	18	0.298 270	9.950 990	4	289	7 13.3
712	9.652 736	15	9.701 749	19	0.298 251	9.950 986	4	288	8 15.2
713	9.652 751	15	9.701 768	19	0.298 232	9.950 982	4	287	9 17.1
714	9.652 766	15	9.701 787	19	0.298 213	9.950 979	3	286	
715	9.652 781	15	9.701 806	19	0.298 194	9.950 975	4	285	
716	9.652 796	15	9.701 825	19	0.298 175	9.950 971	4	284	18
717	9.652 811	15	9.701 844	19	0.298 156	9.950 967	4	283	1 1.8
718	9.652 826	15	9.701 863	19	0.298 137	9.950 963	4	282	2 3.6
719	9.652 841	15	9.701 881	18	0.298 119	9.950 960	3	281	3 5.4
.720	9.652 856	15	9.701 900	19	0.298 100	9.950 956	4	.280	4 7.2
721	9.652 871	15	9.701 919	19	0.298 081	9.950 952	4	279	5 9.0
722	9.652 886	15	9.701 938	19	0.298 062	9.950 948	4	278	6 10.8
723	9.652 901	15	9.701 957	19	0.298 043	9.950 944	4	277	7 12.6
724	9.652 916	15	9.701 976	19	0.298 024	9.950 940	4	276	8 14.4
725	9.652 931	15	9.701 995	19	0.298 005	9.950 937	3	275	9 16.2
726	9.652 946	15	9.702 014	19	0.297 986	9.950 933	4	274	
727	9.652 961	15	9.702 032	18	0.297 968	9.950 929	4	273	16
728	9.652 977	16	9.702 051	19	0.297 949	9.950 925	4	272	1 1.6
729	9.652 992	15	9.702 070	19	0.297 930	9.950 921	4	271	2 3.2
.730	9.653 007	15	9.702 089	19	0.297 911	9.950 918	3	.270	3 4.8
731	9.653 022	15	9.702 108	19	0.297 892	9.950 914	4	269	4 6.4
732	9.653 037	15	9.702 127	19	0.297 873	9.950 910	4	268	5 8.0
733	9.653 052	15	9.702 146	19	0.297 854	9.950 906	4	267	6 9.6
734	9.653 067	15	9.702 164	18	0.297 836	9.950 902	4	266	7 11.2
735	9.653 082	15	9.702 183	19	0.297 817	9.950 899	3	265	8 12.8
736	9.653 097	15	9.702 202	19	0.297 798	9.950 895	4	264	9 14.4
737	9.653 112	15	9.702 221	19	0.297 779	9.950 891	4	263	
738	9.653 127	15	9.702 240	19	0.297 760	9.950 887	4	262	
739	9.653 142	15	9.702 259	19	0.297 741	9.950 883	4	261	
.740	9.653 157	15	9.702 278	19	0.297 722	9.950 879	4	.260	15
741	9.653 172	15	9.702 297	19	0.297 703	9.950 876	3	259	1 1.5
742	9.653 187	15	9.702 315	18	0.297 685	9.950 872	4	258	2 3.0
743	9.653 202	15	9.702 334	19	0.297 666	9.950 868	4	257	3 4.5
744	9.653 217	15	9.702 353	19	0.297 647	9.950 864	4	256	4 6.0
745	9.653 232	15	9.702 372	19	0.297 628	9.950 860	4	255	5 7.5
746	9.653 247	15	9.702 391	19	0.297 609	9.950 856	4	254	6 9.0
747	9.653 262	15	9.702 410	19	0.297 590	9.950 853	3	253	7 10.5
748	9.653 277	15	9.702 429	19	0.297 571	9.950 849	4	252	8 12.0
749	9.653 292	15	9.702 447	18	0.297 553	9.950 845	4	251	9 13.5
.750	9.653 308	16	9.702 466	19	0.297 534	9.950 841	4	.250	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.300 — 63°.250

26°.750 — 26°.800

26°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.653 308		9.702 466		0.297 534	9.950 841		.250	
751	9.653 323	15	9.702 485	19	0.297 515	9.950 837	4	249	
752	9.653 338	15	9.702 504	19	0.297 496	9.950 834	3	248	
753	9.653 353	15	9.702 523	19	0.297 477	9.950 830	4	247	
754	9.653 368	15	9.702 542	19	0.297 458	9.950 826	4	246	19
755	9.653 383	15	9.702 561	19	0.297 439	9.950 822	4	245	1 1.9
756	9.653 398	15	9.702 579	18	0.297 421	9.950 818	4	244	2 3.8
757	9.653 413	15	9.702 598	19	0.297 402	9.950 814	4	243	3 5.7
758	9.653 428	15	9.702 617	19	0.297 383	9.950 811	3	242	4 7.6
759	9.653 443	15	9.702 636	19	0.297 364	9.950 807	4	241	5 9.5
.760	9.653 458	15	9.702 655	19	0.297 345	9.950 803	4	.240	6 11.4
761	9.653 473	15	9.702 674	19	0.297 326	9.950 799	4	239	7 13.3
762	9.653 488	15	9.702 693	19	0.297 307	9.950 795	4	238	8 15.2
763	9.653 503	15	9.702 711	18	0.297 289	9.950 792	3	237	9 17.1
764	9.653 518	15	9.702 730	19	0.297 270	9.950 788	4	236	
765	9.653 533	15	9.702 749	19	0.297 251	9.950 784	4	235	18
766	9.653 548	15	9.702 768	19	0.297 232	9.950 780	4	234	
767	9.653 563	15	9.702 787	19	0.297 213	9.950 776	4	233	1 1.8
768	9.653 578	15	9.702 806	19	0.297 194	9.950 772	4	232	2 3.6
769	9.653 593	15	9.702 825	19	0.297 175	9.950 769	3	231	3 5.4
.770	9.653 608	15	9.702 843	18	0.297 157	9.950 765	4	.230	4 7.2
771	9.653 623	15	9.702 862	19	0.297 138	9.950 761	4	229	5 9.0
772	9.653 638	15	9.702 881	19	0.297 119	9.950 757	4	228	6 10.8
773	9.653 653	15	9.702 900	19	0.297 100	9.950 753	4	227	7 12.6
774	9.653 668	15	9.702 919	19	0.297 081	9.950 749	4	226	8 14.4
775	9.653 683	15	9.702 938	19	0.297 062	9.950 746	3	225	9 16.2
776	9.653 698	15	9.702 956	18	0.297 044	9.950 742	4	224	
777	9.653 713	15	9.702 975	19	0.297 025	9.950 738	4	223	16
778	9.653 728	15	9.702 994	19	0.297 006	9.950 734	4	222	
779	9.653 743	15	9.703 013	19	0.296 987	9.950 730	4	221	1 1.6
.780	9.653 758	15	9.703 032	19	0.296 968	9.950 727	3	.220	2 3.2
781	9.653 773	15	9.703 051	19	0.296 949	9.950 723	4	219	3 4.8
782	9.653 788	15	9.703 070	19	0.296 930	9.950 719	4	218	4 6.4
783	9.653 803	15	9.703 088	18	0.296 912	9.950 715	4	217	5 8.0
784	9.653 818	15	9.703 107	19	0.296 893	9.950 711	4	216	6 9.6
785	9.653 833	15	9.703 126	19	0.296 874	9.950 707	4	215	7 11.2
786	9.653 848	15	9.703 145	19	0.296 855	9.950 704	3	214	8 12.8
787	9.653 863	15	9.703 164	19	0.296 836	9.950 700	4	213	9 14.4
788	9.653 878	15	9.703 183	19	0.296 817	9.950 696	4	212	
789	9.653 894	16	9.703 201	18	0.296 799	9.950 692	4	211	15
.790	9.653 909	15	9.703 220	19	0.296 780	9.950 688	4	.210	
791	9.653 924	15	9.703 239	19	0.296 761	9.950 684	4	209	1 1.5
792	9.653 939	15	9.703 258	19	0.296 742	9.950 681	3	208	2 3.0
793	9.653 954	15	9.703 277	19	0.296 723	9.950 677	4	207	3 4.5
794	9.653 969	15	9.703 296	19	0.296 704	9.950 673	4	206	4 6.0
795	9.653 984	15	9.703 314	18	0.296 686	9.950 669	4	205	5 7.5
796	9.653 999	15	9.703 333	19	0.296 667	9.950 665	4	204	6 9.0
797	9.654 014	15	9.703 352	19	0.296 648	9.950 661	4	203	7 10.5
798	9.654 029	15	9.703 371	19	0.296 629	9.950 658	3	202	8 12.0
799	9.654 044	15	9.703 390	19	0.296 610	9.950 654	4	201	9 13.5
.800	9.654 059	15	9.703 409	19	0.296 591	9.950 650	4	.200	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.250 — 63°.200

26°.800 — 26°.850

26°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.654 059		9.703 409		0.296 591	9.950 650		.200	
801	9.654 074	15	9.703 427	18	0.296 573	9.950 646	4	199	
802	9.654 089	15	9.703 446	19	0.296 554	9.950 642	4	198	
803	9.654 104	15	9.703 465	19	0.296 535	9.950 638	4	197	
804	9.654 119	15	9.703 484	19	0.296 516	9.950 635	3	196	19
805	9.654 134	15	9.703 503	19	0.296 497	9.950 631	4	195	1 1.9
806	9.654 149	15	9.703 522	19	0.296 478	9.950 627	4	194	2 3.8
807	9.654 164	15	9.703 540	18	0.296 460	9.950 623	4	193	3 5.7
808	9.654 179	15	9.703 559	19	0.296 441	9.950 619	4	192	4 7.6
809	9.654 194	15	9.703 578	19	0.296 422	9.950 616	3	191	5 9.5
.810	9.654 209	15	9.703 597	19	0.296 403	9.950 612	4	.190	6 11.4
811	9.654 224	15	9.703 616	19	0.296 384	9.950 608	4	189	7 13.3
812	9.654 239	15	9.703 635	19	0.296 365	9.950 604	4	188	8 15.2
813	9.654 254	15	9.703 653	18	0.296 347	9.950 600	4	187	9 17.1
814	9.654 269	15	9.703 672	19	0.296 328	9.950 596	4	186	
815	9.654 284	15	9.703 691	19	0.296 309	9.950 593	3	185	
816	9.654 299	15	9.703 710	19	0.296 290	9.950 589	4	184	18
817	9.654 314	15	9.703 729	19	0.296 271	9.950 585	4	183	1 1.8
818	9.654 329	15	9.703 748	19	0.296 252	9.950 581	4	182	2 3.6
819	9.654 344	15	9.703 766	18	0.296 234	9.950 577	4	181	3 5.4
.820	9.654 359	15	9.703 785	19	0.296 215	9.950 573	4	.180	4 7.2
821	9.654 374	15	9.703 804	19	0.296 196	9.950 570	3	179	5 9.0
822	9.654 389	15	9.703 823	19	0.296 177	9.950 566	4	178	6 10.8
823	9.654 404	15	9.703 842	19	0.296 158	9.950 562	4	177	7 12.6
824	9.654 419	15	9.703 861	19	0.296 139	9.950 558	4	176	8 14.4
825	9.654 434	15	9.703 879	18	0.296 121	9.950 554	4	175	9 16.2
826	9.654 449	15	9.703 898	19	0.296 102	9.950 550	4	174	
827	9.654 464	15	9.703 917	19	0.296 083	9.950 547	3	173	
828	9.654 479	15	9.703 936	19	0.296 064	9.950 543	4	172	15
829	9.654 493	14	9.703 955	19	0.296 045	9.950 539	4	171	1 1.5
.830	9.654 508	15	9.703 973	18	0.296 027	9.950 535	4	.170	2 3.0
831	9.654 523	15	9.703 992	19	0.296 008	9.950 531	4	169	3 4.5
832	9.654 538	15	9.704 011	19	0.295 989	9.950 527	4	168	4 6.0
833	9.654 553	15	9.704 030	19	0.295 970	9.950 524	3	167	5 7.5
834	9.654 568	15	9.704 049	19	0.295 951	9.950 520	4	166	6 9.0
835	9.654 583	15	9.704 068	19	0.295 932	9.950 516	4	165	7 10.5
836	9.654 598	15	9.704 086	18	0.295 914	9.950 512	4	164	8 12.0
837	9.654 613	15	9.704 105	19	0.295 895	9.950 508	4	163	9 13.5
838	9.654 628	15	9.704 124	19	0.295 876	9.950 504	4	162	
839	9.654 643	15	9.704 143	19	0.295 857	9.950 501	3	161	
.840	9.654 658	15	9.704 162	19	0.295 838	9.950 497	4	.160	14
841	9.654 673	15	9.704 180	18	0.295 820	9.950 493	4	159	1 1.4
842	9.654 688	15	9.704 199	19	0.295 801	9.950 489	4	158	2 2.8
843	9.654 703	15	9.704 218	19	0.295 782	9.950 485	4	157	3 4.2
844	9.654 718	15	9.704 237	19	0.295 763	9.950 481	4	156	4 5.6
845	9.654 733	15	9.704 256	19	0.295 744	9.950 478	3	155	5 7.0
846	9.654 748	15	9.704 274	18	0.295 726	9.950 474	4	154	6 8.4
847	9.654 763	15	9.704 293	19	0.295 707	9.950 470	4	153	7 9.8
848	9.654 778	15	9.704 312	19	0.295 688	9.950 466	4	152	8 11.2
849	9.654 793	15	9.704 331	19	0.295 669	9.950 462	4	151	9 12.6
.850	9.654 808	15	9.704 350	19	0.295 650	9.950 458	4	.150	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.200 — 63°.150

26°.850 — 26°.900

26°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.654 808		9.704 350		0.295 650	9.950 458		.150	
851	9.654 823	15	9.704 369	19	0.295 631	9.950 454	4	149	
852	9.654 838	15	9.704 387	18	0.295 613	9.950 451	3	148	
853	9.654 853	15	9.704 406	19	0.295 594	9.950 447	4	147	
		15		19			4		19
854	9.654 868	15	9.704 425	19	0.295 575	9.950 443	4	146	
855	9.654 883	15	9.704 444	19	0.295 556	9.950 439	4	145	1 1.9
856	9.654 898	15	9.704 463	19	0.295 537	9.950 435	4	144	2 3.8
		15		18			4		3 5.7
857	9.654 913	15	9.704 481	19	0.295 519	9.950 431	4	143	4 7.6
858	9.654 928	15	9.704 500	19	0.295 500	9.950 428	3	142	5 9.5
859	9.654 943	15	9.704 519	19	0.295 481	9.950 424	4	141	6 11.4
		15		19			4		7 13.3
.860	9.654 958		9.704 538		0.295 462	9.950 420		.140	8 15.2
		15		19			4		9 17.1
861	9.654 973	15	9.704 557	19	0.295 443	9.950 416	4	139	
862	9.654 988	15	9.704 575	18	0.295 425	9.950 412	4	138	
863	9.655 003	15	9.704 594	19	0.295 406	9.950 408	4	137	
		15		19			3		18
864	9.655 018	15	9.704 613	19	0.295 387	9.950 405	4	136	
865	9.655 033	15	9.704 632	19	0.295 368	9.950 401	4	135	
866	9.655 048	15	9.704 651	19	0.295 349	9.950 397	4	134	
		15		18			4		1 1.8
867	9.655 063	15	9.704 669	19	0.295 331	9.950 393	4	133	2 3.6
868	9.655 077	14	9.704 688	19	0.295 312	9.950 389	4	132	3 5.4
869	9.655 092	15	9.704 707	19	0.295 293	9.950 385	4	131	4 7.2
		15		19			3		5 9.0
.870	9.655 107		9.704 726		0.295 274	9.950 382		.130	6 10.8
		15		19			4		7 12.6
871	9.655 122	15	9.704 745	18	0.295 255	9.950 378	4	129	8 14.4
872	9.655 137	15	9.704 763	19	0.295 237	9.950 374	4	128	9 16.2
873	9.655 152	15	9.704 782	19	0.295 218	9.950 370	4	127	
		15		19			4		15
874	9.655 167	15	9.704 801	19	0.295 199	9.950 366	4	126	
875	9.655 182	15	9.704 820	19	0.295 180	9.950 362	4	125	
876	9.655 197	15	9.704 839	19	0.295 161	9.950 359	3	124	
		15		18			4		
877	9.655 212	15	9.704 857	19	0.295 143	9.950 355	4	123	
878	9.655 227	15	9.704 876	19	0.295 124	9.950 351	4	122	
879	9.655 242	15	9.704 895	19	0.295 105	9.950 347	4	121	
		15		19			4		1 1.5
.880	9.655 257		9.704 914		0.295 086	9.950 343		.120	2 3.0
		15		19			4		3 4.5
881	9.655 272	15	9.704 933	18	0.295 067	9.950 339	4	119	4 6.0
882	9.655 287	15	9.704 951	19	0.295 049	9.950 335	4	118	5 7.5
883	9.655 302	15	9.704 970	19	0.295 030	9.950 332	3	117	6 9.0
		15		19			4		7 10.5
884	9.655 317	15	9.704 989	19	0.295 011	9.950 328	4	116	8 12.0
885	9.655 332	15	9.705 008	19	0.294 992	9.950 324	4	115	9 13.5
886	9.655 347	15	9.705 027	19	0.294 973	9.950 320	4	114	
		15		18			4		
887	9.655 362	15	9.705 045	19	0.294 955	9.950 316	4	113	
888	9.655 377	15	9.705 064	19	0.294 936	9.950 312	4	112	
889	9.655 392	15	9.705 083	19	0.294 917	9.950 309	3	111	
		14		19			4		14
.890	9.655 406		9.705 102		0.294 898	9.950 305		.110	
		15		19			4		1 1.4
891	9.655 421	15	9.705 121	18	0.294 879	9.950 301	4	109	2 2.8
892	9.655 436	15	9.705 139	19	0.294 861	9.950 297	4	108	3 4.2
893	9.655 451	15	9.705 158	19	0.294 842	9.950 293	4	107	4 5.6
		15		19			4		5 7.0
894	9.655 466	15	9.705 177	19	0.294 823	9.950 289	4	106	6 8.4
895	9.655 481	15	9.705 196	19	0.294 804	9.950 285	4	105	7 9.8
896	9.655 496	15	9.705 215	19	0.294 785	9.950 282	3	104	8 11.2
		15		18			4		9 12.6
897	9.655 511	15	9.705 233	19	0.294 767	9.950 278	4	103	
898	9.655 526	15	9.705 252	19	0.294 748	9.950 274	4	102	
899	9.655 541	15	9.705 271	19	0.294 729	9.950 270	4	101	
		15		19			4		
.900	9.655 556		9.705 290		0.294 710	9.950 266		.100	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.150 — 63°.100

26°.900 — 26°.950

26°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.655 556		9.705 290		0.294 710	9.950 266		.100	
901	9.655 571	15	9.705 308	18	0.294 692	9.950 262	4	099	
902	9.655 586	15	9.705 327	19	0.294 673	9.950 259	3	098	
903	9.655 601	15	9.705 346	19	0.294 654	9.950 255	4	097	
904	9.655 616	15	9.705 365	19	0.294 635	9.950 251	4	096	19
905	9.655 631	15	9.705 384	19	0.294 616	9.950 247	4	095	1 1.9
906	9.655 646	15	9.705 402	18	0.294 598	9.950 243	4	094	2 3.8
907	9.655 660	14	9.705 421	19	0.294 579	9.950 239	4	093	3 5.7
908	9.655 675	15	9.705 440	19	0.294 560	9.950 235	4	092	4 7.6
909	9.655 690	15	9.705 459	19	0.294 541	9.950 232	3	091	5 9.5
.910	9.655 705	15	9.705 477	18	0.294 523	9.950 228	4	.090	6 11.4
911	9.655 720	15	9.705 496	19	0.294 504	9.950 224	4	089	7 13.3
912	9.655 735	15	9.705 515	19	0.294 485	9.950 220	4	088	8 15.2
913	9.655 750	15	9.705 534	19	0.294 466	9.950 216	4	087	9 17.1
914	9.655 765	15	9.705 553	19	0.294 447	9.950 212	4	086	
915	9.655 780	15	9.705 571	18	0.294 429	9.950 209	3	085	18
916	9.655 795	15	9.705 590	19	0.294 410	9.950 205	4	084	1 1.8
917	9.655 810	15	9.705 609	19	0.294 391	9.950 201	4	083	2 3.6
918	9.655 825	15	9.705 628	19	0.294 372	9.950 197	4	082	3 5.4
919	9.655 840	15	9.705 647	19	0.294 353	9.950 193	4	081	4 7.2
.920	9.655 855	15	9.705 665	18	0.294 335	9.950 189	4	.080	5 9.0
921	9.655 870	15	9.705 684	19	0.294 316	9.950 185	4	079	6 10.8
922	9.655 884	14	9.705 703	19	0.294 297	9.950 182	3	078	7 12.6
923	9.655 899	15	9.705 722	19	0.294 278	9.950 178	4	077	8 14.4
924	9.655 914	15	9.705 740	18	0.294 260	9.950 174	4	076	9 16.2
925	9.655 929	15	9.705 759	19	0.294 241	9.950 170	4	075	
926	9.655 944	15	9.705 778	19	0.294 222	9.950 166	4	074	
927	9.655 959	15	9.705 797	19	0.294 203	9.950 162	4	073	15
928	9.655 974	15	9.705 815	18	0.294 185	9.950 159	3	072	1 1.5
929	9.655 989	15	9.705 834	19	0.294 166	9.950 155	4	071	2 3.0
.930	9.656 004	15	9.705 853	19	0.294 147	9.950 151	4	.070	3 4.5
931	9.656 019	15	9.705 872	19	0.294 128	9.950 147	4	069	4 6.0
932	9.656 034	15	9.705 891	19	0.294 109	9.950 143	4	068	5 7.5
933	9.656 049	15	9.705 909	18	0.294 091	9.950 139	4	067	6 9.0
934	9.656 064	15	9.705 928	19	0.294 072	9.950 135	4	066	7 10.5
935	9.656 078	14	9.705 947	19	0.294 053	9.950 132	3	065	8 12.0
936	9.656 093	15	9.705 966	19	0.294 034	9.950 128	4	064	9 13.5
937	9.656 108	15	9.705 984	18	0.294 016	9.950 124	4	063	
938	9.656 123	15	9.706 003	19	0.293 997	9.950 120	4	062	
939	9.656 138	15	9.706 022	19	0.293 978	9.950 116	4	061	14
.940	9.656 153	15	9.706 041	19	0.293 959	9.950 112	4	.060	1 1.4
941	9.656 168	15	9.706 059	18	0.293 941	9.950 108	4	059	2 2.8
942	9.656 183	15	9.706 078	19	0.293 922	9.950 105	3	058	3 4.2
943	9.656 198	15	9.706 097	19	0.293 903	9.950 101	4	057	4 5.6
944	9.656 213	15	9.706 116	19	0.293 884	9.950 097	4	056	5 7.0
945	9.656 228	15	9.706 135	19	0.293 865	9.950 093	4	055	6 8.4
946	9.656 243	15	9.706 153	18	0.293 847	9.950 089	4	054	7 9.8
947	9.656 257	14	9.706 172	19	0.293 828	9.950 085	4	053	8 11.2
948	9.656 272	15	9.706 191	19	0.293 809	9.950 081	4	052	9 12.6
949	9.656 287	15	9.706 210	19	0.293 790	9.950 078	3	051	
.950	9.656 302	15	9.706 228	18	0.293 772	9.950 074	4	.050	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.100 — 63°.050

26°.950 — 27°.000

26°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.656 302		9.706 228		0.293 772	9.950 074		.050	
951	9.656 317	15	9.706 247	19	0.293 753	9.950 070	4	049	
952	9.656 332	15	9.706 266	19	0.293 734	9.950 066	4	048	
953	9.656 347	15	9.706 285	19	0.293 715	9.950 062	4	047	
		15		18			4		19
954	9.656 362	15	9.706 303	19	0.293 697	9.950 058	4	046	
955	9.656 377	15	9.706 322	19	0.293 678	9.950 055	3	045	1 1.9
956	9.656 392	15	9.706 341	19	0.293 659	9.950 051	4	044	2 3.8
		14		19			4		3 5.7
957	9.656 406	15	9.706 360	18	0.293 640	9.950 047	4	043	4 7.6
958	9.656 421	15	9.706 378	19	0.293 622	9.950 043	4	042	5 9.5
959	9.656 436	15	9.706 397	19	0.293 603	9.950 039	4	041	6 11.4
		15		19			4		7 13.3
.960	9.656 451	15	9.706 416	19	0.293 584	9.950 035		.040	8 15.2
		15		19			4		9 17.1
961	9.656 466	15	9.706 435	18	0.293 565	9.950 031	4	039	
962	9.656 481	15	9.706 453	19	0.293 547	9.950 028	3	038	
963	9.656 496	15	9.706 472	19	0.293 528	9.950 024	4	037	
		15		19			4		
964	9.656 511	15	9.706 491	19	0.293 509	9.950 020	4	036	
965	9.656 526	15	9.706 510	19	0.293 490	9.950 016	4	035	
966	9.656 541	15	9.706 528	18	0.293 472	9.950 012	4	034	18
		14		19			4		
967	9.656 555	15	9.706 547	19	0.293 453	9.950 008	4	033	1 1.8
968	9.656 570	15	9.706 566	19	0.293 434	9.950 004	4	032	2 3.6
969	9.656 585	15	9.706 585	19	0.293 415	9.950 001	3	031	3 5.4
		15		19			4		4 7.2
.970	9.656 600	15	9.706 604	19	0.293 396	9.949 997		.030	5 9.0
		15		18			4		6 10.8
971	9.656 615	15	9.706 622	19	0.293 378	9.949 993	4	029	7 12.6
972	9.656 630	15	9.706 641	19	0.293 359	9.949 989	4	028	8 14.4
973	9.656 645	15	9.706 660	19	0.293 340	9.949 985	4	027	9 16.2
		15		19			4		
974	9.656 660	15	9.706 679	18	0.293 321	9.949 981	4	026	
975	9.656 675	15	9.706 697	19	0.293 303	9.949 977	4	025	
976	9.656 690	15	9.706 716	19	0.293 284	9.949 974	3	024	
		14		19			4		
977	9.656 704	15	9.706 735	19	0.293 265	9.949 970	4	023	15
978	9.656 719	15	9.706 754	19	0.293 246	9.949 966	4	022	
979	9.656 734	15	9.706 772	18	0.293 228	9.949 962	4	021	1 1.5
		15		19			4		2 3.0
.980	9.656 749	15	9.706 791	19	0.293 209	9.949 958		.020	3 4.5
		15		19			4		4 6.0
981	9.656 764	15	9.706 810	19	0.293 190	9.949 954	4	019	5 7.5
982	9.656 779	15	9.706 829	19	0.293 171	9.949 950	4	018	6 9.0
983	9.656 794	15	9.706 847	18	0.293 153	9.949 947	3	017	7 10.5
		15		19			4		8 12.0
984	9.656 809	15	9.706 866	19	0.293 134	9.949 943	4	016	9 13.5
985	9.656 824	15	9.706 885	19	0.293 115	9.949 939	4	015	
986	9.656 838	14	9.706 903	18	0.293 097	9.949 935	4	014	
		15		19			4		
987	9.656 853	15	9.706 922	19	0.293 078	9.949 931	4	013	
988	9.656 868	15	9.706 941	19	0.293 059	9.949 927	4	012	
989	9.656 883	15	9.706 960	19	0.293 040	9.949 923	4	011	
		15		18			4		14
.990	9.656 898	15	9.706 978	19	0.293 022	9.949 919		.010	1 1.4
		15		19			3		2 2.8
991	9.656 913	15	9.706 997	19	0.293 003	9.949 916	4	009	3 4.2
992	9.656 928	15	9.707 016	19	0.292 984	9.949 912	4	008	4 5.6
993	9.656 943	15	9.707 035	19	0.292 965	9.949 908	4	007	5 7.0
		14		18			4		6 8.4
994	9.656 957	15	9.707 053	19	0.292 947	9.949 904	4	006	7 9.8
995	9.656 972	15	9.707 072	19	0.292 928	9.949 900	4	005	8 11.2
996	9.656 987	15	9.707 091	19	0.292 909	9.949 896	4	004	9 12.6
		15		19			4		
997	9.657 002	15	9.707 110	19	0.292 890	9.949 892	4	003	
998	9.657 017	15	9.707 128	18	0.292 872	9.949 889	3	002	
999	9.657 032	15	9.707 147	19	0.292 853	9.949 885	4	001	
		15		19			4		
*.000	9.657 047	15	9.707 166	19	0.292 834	9.949 881		.000	
	cos	d	cotg	d	tang	sin	d	63°	P.P.

63°.050 — 63°.000

27°.000 — 27°.050

27°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.657 047		9.707 166		0.292 834	9.949 881		*.000	
001	9.657 062	15	9.707 185	19	0.292 815	9.949 877	4	999	
002	9.657 077	15	9.707 203	18	0.292 797	9.949 873	4	998	
003	9.657 091	14	9.707 222	19	0.292 778	9.949 869	4	997	
004	9.657 106	15	9.707 241	19	0.292 759	9.949 865	4	996	19
005	9.657 121	15	9.707 260	19	0.292 740	9.949 862	3	995	1 1.9
006	9.657 136	15	9.707 278	18	0.292 722	9.949 858	4	994	2 3.8
007	9.657 151	15	9.707 297	19	0.292 703	9.949 854	4	993	3 5.7
008	9.657 166	15	9.707 316	19	0.292 684	9.949 850	4	992	4 7.6
009	9.657 181	15	9.707 335	19	0.292 665	9.949 846	4	991	5 9.5
									6 11.4
.010	9.657 195	14	9.707 353	18	0.292 647	9.949 842	4	.990	7 13.3
									8 15.2
									9 17.1
011	9.657 210	15	9.707 372	19	0.292 628	9.949 838	4	989	
012	9.657 225	15	9.707 391	19	0.292 609	9.949 835	3	988	
013	9.657 240	15	9.707 409	18	0.292 591	9.949 831	4	987	
014	9.657 255	15	9.707 428	19	0.292 572	9.949 827	4	986	
015	9.657 270	15	9.707 447	19	0.292 553	9.949 823	4	985	
016	9.657 285	15	9.707 466	19	0.292 534	9.949 819	4	984	18
017	9.657 300	15	9.707 484	18	0.292 516	9.949 815	4	983	1 1.8
018	9.657 314	14	9.707 503	19	0.292 497	9.949 811	4	982	2 3.6
019	9.657 329	15	9.707 522	19	0.292 478	9.949 807	4	981	3 5.4
									4 7.2
.020	9.657 344	15	9.707 541	19	0.292 459	9.949 804	3	.980	5 9.0
									6 10.8
021	9.657 359	15	9.707 559	18	0.292 441	9.949 800	4	979	7 12.6
022	9.657 374	15	9.707 578	19	0.292 422	9.949 796	4	978	8 14.4
023	9.657 389	15	9.707 597	19	0.292 403	9.949 792	4	977	9 16.2
024	9.657 404	15	9.707 615	18	0.292 385	9.949 788	4	976	
025	9.657 418	14	9.707 634	19	0.292 366	9.949 784	4	975	
026	9.657 433	15	9.707 653	19	0.292 347	9.949 780	4	974	
027	9.657 448	15	9.707 672	19	0.292 328	9.949 777	3	973	
028	9.657 463	15	9.707 690	18	0.292 310	9.949 773	4	972	15
029	9.657 478	15	9.707 709	19	0.292 291	9.949 769	4	971	1 1.5
									2 3.0
.030	9.657 493	15	9.707 728	19	0.292 272	9.949 765	4	.970	3 4.5
									4 6.0
031	9.657 508	15	9.707 747	19	0.292 253	9.949 761	4	969	5 7.5
032	9.657 522	14	9.707 765	18	0.292 235	9.949 757	4	968	6 9.0
033	9.657 537	15	9.707 784	19	0.292 216	9.949 753	4	967	7 10.5
034	9.657 552	15	9.707 803	19	0.292 197	9.949 749	4	966	8 12.0
035	9.657 567	15	9.707 821	18	0.292 179	9.949 746	3	965	9 13.5
036	9.657 582	15	9.707 840	19	0.292 160	9.949 742	4	964	
037	9.657 597	15	9.707 859	19	0.292 141	9.949 738	4	963	
038	9.657 612	15	9.707 878	19	0.292 122	9.949 734	4	962	
039	9.657 626	14	9.707 896	18	0.292 104	9.949 730	4	961	
									14
.040	9.657 641	15	9.707 915	19	0.292 085	9.949 726	4	.960	1 1.4
									2 2.8
041	9.657 656	15	9.707 934	19	0.292 066	9.949 722	4	959	3 4.2
042	9.657 671	15	9.707 952	18	0.292 048	9.949 719	3	958	4 5.6
043	9.657 686	15	9.707 971	19	0.292 029	9.949 715	4	957	5 7.0
044	9.657 701	15	9.707 990	19	0.292 010	9.949 711	4	956	6 8.4
045	9.657 716	15	9.708 009	19	0.291 991	9.949 707	4	955	7 9.8
046	9.657 730	14	9.708 027	18	0.291 973	9.949 703	4	954	8 11.2
047	9.657 745	15	9.708 046	19	0.291 954	9.949 699	4	953	9 12.6
048	9.657 760	15	9.708 065	19	0.291 935	9.949 695	4	952	
049	9.657 775	15	9.708 083	18	0.291 917	9.949 691	4	951	
.050	9.657 790	15	9.708 102	19	0.291 898	9.949 688	3	.950	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

27°.050 — 27°.100

27°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.657 790		9.708 102		0.291 898	9.949 688		.950	
051	9.657 805	15	9.708 121	19	0.291 879	9.949 684	4	949	
052	9.657 819	14	9.708 140	19	0.291 860	9.949 680	4	948	
053	9.657 834	15	9.708 158	18	0.291 842	9.949 676	4	947	
		15		19			4		19
054	9.657 849	15	9.708 177	19	0.291 823	9.949 672	4	946	
055	9.657 864	15	9.708 196	19	0.291 804	9.949 668	4	945	1 1.9
056	9.657 879	15	9.708 214	18	0.291 786	9.949 664	4	944	2 3.8
		15		19			4		3 5.7
057	9.657 894	15	9.708 233	19	0.291 767	9.949 660	4	943	4 7.6
058	9.657 909	15	9.708 252	19	0.291 748	9.949 657	3	942	5 9.5
059	9.657 923	14	9.708 271	19	0.291 729	9.949 653	4	941	6 11.4
		15		18			4		7 13.3
.060	9.657 938	15	9.708 289	19	0.291 711	9.949 649	4	.940	8 15.2
		15		19			4		9 17.1
061	9.657 953	15	9.708 308	19	0.291 692	9.949 645	4	939	
062	9.657 968	15	9.708 327	19	0.291 673	9.949 641	4	938	
063	9.657 983	15	9.708 345	18	0.291 655	9.949 637	4	937	
		15		19			4		18
064	9.657 998	15	9.708 364	19	0.291 636	9.949 633	4	936	
065	9.658 012	14	9.708 383	19	0.291 617	9.949 629	4	935	
066	9.658 027	15	9.708 402	19	0.291 598	9.949 626	3	934	
		15		18			4		1 1.8
067	9.658 042	15	9.708 420	19	0.291 580	9.949 622	4	933	2 3.6
068	9.658 057	15	9.708 439	19	0.291 561	9.949 618	4	932	3 5.4
069	9.658 072	15	9.708 458	19	0.291 542	9.949 614	4	931	4 7.2
		15		18			4		5 9.0
.070	9.658 087	14	9.708 476	19	0.291 524	9.949 610	4	.930	6 10.8
		15		19			4		7 12.6
071	9.658 101	15	9.708 495	19	0.291 505	9.949 606	4	929	8 14.4
072	9.658 116	15	9.708 514	19	0.291 486	9.949 602	3	928	9 16.2
073	9.658 131	15	9.708 533	19	0.291 467	9.949 599	4	927	
		15		18			4		
074	9.658 146	15	9.708 551	19	0.291 449	9.949 595	4	926	
075	9.658 161	15	9.708 570	19	0.291 430	9.949 591	4	925	
076	9.658 176	15	9.708 589	19	0.291 411	9.949 587	4	924	
		14		18			4		
077	9.658 190	15	9.708 607	19	0.291 393	9.949 583	4	923	15
078	9.658 205	15	9.708 626	19	0.291 374	9.949 579	4	922	
079	9.658 220	15	9.708 645	19	0.291 355	9.949 575	4	921	
		15		18			4		
.080	9.658 235	15	9.708 663	19	0.291 337	9.949 571	3	.920	
		15		19			4		
081	9.658 250	14	9.708 682	19	0.291 318	9.949 568	4	919	
082	9.658 264	15	9.708 701	19	0.291 299	9.949 564	4	918	
083	9.658 279	15	9.708 720	19	0.291 280	9.949 560	4	917	
		15		18			4		
084	9.658 294	15	9.708 738	19	0.291 262	9.949 556	4	916	
085	9.658 309	15	9.708 757	19	0.291 243	9.949 552	4	915	
086	9.658 324	15	9.708 776	19	0.291 224	9.949 548	4	914	
		15		18			4		
087	9.658 339	14	9.708 794	19	0.291 206	9.949 544	4	913	
088	9.658 353	15	9.708 813	19	0.291 187	9.949 540	4	912	
089	9.658 368	15	9.708 832	19	0.291 168	9.949 536	4	911	
		15		18			3		14
.090	9.658 383	15	9.708 850	19	0.291 150	9.949 533	4	.910	
		15		19			4		
091	9.658 398	15	9.708 869	19	0.291 131	9.949 529	4	909	1 1.4
092	9.658 413	15	9.708 888	19	0.291 112	9.949 525	4	908	2 2.8
093	9.658 427	14	9.708 907	19	0.291 093	9.949 521	4	907	3 4.2
		15		18			4		4 5.6
094	9.658 442	15	9.708 925	19	0.291 075	9.949 517	4	906	5 7.0
095	9.658 457	15	9.708 944	19	0.291 056	9.949 513	4	905	6 8.4
096	9.658 472	15	9.708 963	19	0.291 037	9.949 509	4	904	7 9.8
		15		18			4		8 11.2
097	9.658 487	15	9.708 981	19	0.291 019	9.949 505	4	903	9 12.6
098	9.658 502	15	9.709 000	19	0.291 000	9.949 502	3	902	
099	9.658 516	14	9.709 019	19	0.290 981	9.949 498	4	901	
		15		18			4		
.100	9.658 531	15	9.709 037	19	0.290 963	9.949 494	4	.900	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

27°.100 — 27°.150

27°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.658 531		9.709 037		0.290 963	9.949 494		.900	
101	9.658 546	15	9.709 056	19	0.290 944	9.949 490	4	899	
102	9.658 561	15	9.709 075	19	0.290 925	9.949 486	4	898	
103	9.658 576	15	9.709 093	18	0.290 907	9.949 482	4	897	
104	9.658 590	14	9.709 112	19	0.290 888	9.949 478	4	896	19
105	9.658 605	15	9.709 131	19	0.290 869	9.949 474	4	895	1 1.9
106	9.658 620	15	9.709 149	18	0.290 851	9.949 471	3	894	2 3.8
107	9.658 635	15	9.709 168	19	0.290 832	9.949 467	4	893	3 5.7
108	9.658 650	15	9.709 187	19	0.290 813	9.949 463	4	892	4 7.6
109	9.658 664	14	9.709 206	19	0.290 794	9.949 459	4	891	5 9.5
.110	9.658 679	15	9.709 224	18	0.290 776	9.949 455	4	.890	6 11.4
		15		19			4		7 13.3
111	9.658 694	15	9.709 243	19	0.290 757	9.949 451	4	889	8 15.2
112	9.658 709	15	9.709 262	19	0.290 738	9.949 447	4	888	9 17.1
113	9.658 724	15	9.709 280	18	0.290 720	9.949 443	4	887	
114	9.658 739	15	9.709 299	19	0.290 701	9.949 440	3	886	
115	9.658 753	14	9.709 318	19	0.290 682	9.949 436	4	885	
116	9.658 768	15	9.709 336	18	0.290 664	9.949 432	4	884	18
117	9.658 783	15	9.709 355	19	0.290 645	9.949 428	4	883	1 1.8
118	9.658 798	15	9.709 374	19	0.290 626	9.949 424	4	882	2 3.6
119	9.658 813	15	9.709 392	18	0.290 608	9.949 420	4	881	3 5.4
.120	9.658 827	14	9.709 411	19	0.290 589	9.949 416	4	.880	4 7.2
		15		19			4		5 9.0
121	9.658 842	15	9.709 430	19	0.290 570	9.949 412	4	879	6 10.8
122	9.658 857	15	9.709 448	18	0.290 552	9.949 408	4	878	7 12.6
123	9.658 872	15	9.709 467	19	0.290 533	9.949 405	3	877	8 14.4
124	9.658 887	15	9.709 486	19	0.290 514	9.949 401	4	876	9 16.2
125	9.658 901	14	9.709 504	18	0.290 496	9.949 397	4	875	
126	9.658 916	15	9.709 523	19	0.290 477	9.949 393	4	874	
127	9.658 931	15	9.709 542	19	0.290 458	9.949 389	4	873	15
128	9.658 946	15	9.709 561	19	0.290 439	9.949 385	4	872	1 1.5
129	9.658 960	14	9.709 579	18	0.290 421	9.949 381	4	871	2 3.0
.130	9.658 975	15	9.709 598	19	0.290 402	9.949 377	4	.870	3 4.5
		15		19			3		4 6.0
131	9.658 990	15	9.709 617	18	0.290 383	9.949 374	4	869	5 7.5
132	9.659 005	15	9.709 635	19	0.290 365	9.949 370	4	868	6 9.0
133	9.659 020	15	9.709 654	19	0.290 346	9.949 366	4	867	7 10.5
134	9.659 034	14	9.709 673	19	0.290 327	9.949 362	4	866	8 12.0
135	9.659 049	15	9.709 691	18	0.290 309	9.949 358	4	865	9 13.5
136	9.659 064	15	9.709 710	19	0.290 290	9.949 354	4	864	
137	9.659 079	15	9.709 729	19	0.290 271	9.949 350	4	863	
138	9.659 094	15	9.709 747	18	0.290 253	9.949 346	4	862	
139	9.659 108	14	9.709 766	19	0.290 234	9.949 342	4	861	
.140	9.659 123	15	9.709 785	19	0.290 215	9.949 339	3	.860	14
		15		18			4		1 1.4
141	9.659 138	15	9.709 803	19	0.290 197	9.949 335	4	859	2 2.8
142	9.659 153	15	9.709 822	19	0.290 178	9.949 331	4	858	3 4.2
143	9.659 168	15	9.709 841	19	0.290 159	9.949 327	4	857	4 5.6
144	9.659 182	14	9.709 859	18	0.290 141	9.949 323	4	856	5 7.0
145	9.659 197	15	9.709 878	19	0.290 122	9.949 319	4	855	6 8.4
146	9.659 212	15	9.709 897	19	0.290 103	9.949 315	4	854	7 9.8
147	9.659 227	15	9.709 915	18	0.290 085	9.949 311	4	853	8 11.2
148	9.659 241	14	9.709 934	19	0.290 066	9.949 307	4	852	9 12.6
149	9.659 256	15	9.709 953	19	0.290 047	9.949 304	3	851	
.150	9.659 271	15	9.709 971	18	0.290 029	9.949 300	4	.850	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.900 — 62°.850

27°.150 — 27°.200

27°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.659 271		9.709 971		0.290 029	9.949 300		.850	
151	9.659 286	15	9.709 990	19	0.290 010	9.949 296	4	849	
152	9.659 301	15	9.710 009	19	0.289 991	9.949 292	4	848	
153	9.659 315	14	9.710 027	18	0.289 973	9.949 288	4	847	
154	9.659 330	15	9.710 046	19	0.289 954	9.949 284	4	846	19
155	9.659 345	15	9.710 065	19	0.289 935	9.949 280	4	845	1 1.9
156	9.659 360	15	9.710 083	18	0.289 917	9.949 276	4	844	2 3.8
157	9.659 374	14	9.710 102	19	0.289 898	9.949 272	4	843	3 5.7
158	9.659 389	15	9.710 121	19	0.289 879	9.949 269	3	842	4 7.6
159	9.659 404	15	9.710 139	18	0.289 861	9.949 265	4	841	5 9.5
.160	9.659 419	15	9.710 158	19	0.289 842	9.949 261	4	.840	6 11.4
161	9.659 434	15	9.710 177	19	0.289 823	9.949 257	4	839	7 13.3
162	9.659 448	14	9.710 195	18	0.289 805	9.949 253	4	838	8 15.2
163	9.659 463	15	9.710 214	19	0.289 786	9.949 249	4	837	9 17.1
164	9.659 478	15	9.710 233	19	0.289 767	9.949 245	4	836	
165	9.659 493	15	9.710 251	18	0.289 749	9.949 241	4	835	18
166	9.659 507	14	9.710 270	19	0.289 730	9.949 237	4	834	1 1.8
167	9.659 522	15	9.710 289	19	0.289 711	9.949 234	3	833	2 3.6
168	9.659 537	15	9.710 307	18	0.289 693	9.949 230	4	832	3 5.4
169	9.659 552	15	9.710 326	19	0.289 674	9.949 226	4	831	4 7.2
.170	9.659 567	15	9.710 345	19	0.289 655	9.949 222	4	.830	5 9.0
171	9.659 581	14	9.710 363	18	0.289 637	9.949 218	4	829	6 10.8
172	9.659 596	15	9.710 382	19	0.289 618	9.949 214	4	828	7 12.6
173	9.659 611	15	9.710 401	19	0.289 599	9.949 210	4	827	8 14.4
174	9.659 626	15	9.710 419	18	0.289 581	9.949 206	4	826	9 16.2
175	9.659 640	14	9.710 438	19	0.289 562	9.949 202	4	825	
176	9.659 655	15	9.710 457	19	0.289 543	9.949 199	3	824	15
177	9.659 670	15	9.710 475	18	0.289 525	9.949 195	4	823	1 1.5
178	9.659 685	15	9.710 494	19	0.289 506	9.949 191	4	822	2 3.0
179	9.659 699	14	9.710 512	18	0.289 488	9.949 187	4	821	3 4.5
.180	9.659 714	15	9.710 531	19	0.289 469	9.949 183	4	.820	4 6.0
181	9.659 729	15	9.710 550	19	0.289 450	9.949 179	4	819	5 7.5
182	9.659 744	15	9.710 568	18	0.289 432	9.949 175	4	818	6 9.0
183	9.659 758	14	9.710 587	19	0.289 413	9.949 171	4	817	7 10.5
184	9.659 773	15	9.710 606	19	0.289 394	9.949 167	4	816	8 12.0
185	9.659 788	15	9.710 624	18	0.289 376	9.949 164	3	815	9 13.5
186	9.659 803	15	9.710 643	19	0.289 357	9.949 160	4	814	
187	9.659 817	14	9.710 662	19	0.289 338	9.949 156	4	813	
188	9.659 832	15	9.710 680	18	0.289 320	9.949 152	4	812	
189	9.659 847	15	9.710 699	19	0.289 301	9.949 148	4	811	14
.190	9.659 862	15	9.710 718	19	0.289 282	9.949 144	4	.810	1 1.4
191	9.659 876	14	9.710 736	18	0.289 264	9.949 140	4	809	2 2.8
192	9.659 891	15	9.710 755	19	0.289 245	9.949 136	4	808	3 4.2
193	9.659 906	15	9.710 774	19	0.289 226	9.949 132	4	807	4 5.6
194	9.659 921	15	9.710 792	18	0.289 208	9.949 128	4	806	5 7.0
195	9.659 935	14	9.710 811	19	0.289 189	9.949 125	3	805	6 8.4
196	9.659 950	15	9.710 830	19	0.289 170	9.949 121	4	804	7 9.8
197	9.659 965	15	9.710 848	18	0.289 152	9.949 117	4	803	8 11.2
198	9.659 980	15	9.710 867	19	0.289 133	9.949 113	4	802	9 12.6
199	9.659 995	15	9.710 885	18	0.289 115	9.949 109	4	801	
.200	9.660 009	14	9.710 904	19	0.289 096	9.949 105	4	.800	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.850 — 62°.800

27°.200 — 27°.250

27°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.660 009		9.710 904		0.289 096	9.949 105		.800	
201	9.660 024	15	9.710 923	19	0.289 077	9.949 101	4	799	
202	9.660 039	15	9.710 941	18	0.289 059	9.949 097	4	798	
203	9.660 053	14	9.710 960	19	0.289 040	9.949 093	4	797	
204	9.660 068	15	9.710 979	19	0.289 021	9.949 090	3	796	19
205	9.660 083	15	9.710 997	18	0.289 003	9.949 086	4	795	1 1.9
206	9.660 098	15	9.711 016	19	0.288 984	9.949 082	4	794	2 3.8
207	9.660 112	14	9.711 035	19	0.288 965	9.949 078	4	793	3 5.7
208	9.660 127	15	9.711 053	18	0.288 947	9.949 074	4	792	4 7.6
209	9.660 142	15	9.711 072	19	0.288 928	9.949 070	4	791	5 9.5
.210	9.660 157	15	9.711 091	19	0.288 909	9.949 066	4	.790	6 11.4
211	9.660 171	14	9.711 109	18	0.288 891	9.949 062	4	789	7 13.3
212	9.660 186	15	9.711 128	19	0.288 872	9.949 058	4	788	8 15.2
213	9.660 201	15	9.711 146	18	0.288 854	9.949 054	4	787	9 17.1
214	9.660 216	15	9.711 165	19	0.288 835	9.949 051	3	786	
215	9.660 230	14	9.711 184	19	0.288 816	9.949 047	4	785	18
216	9.660 245	15	9.711 202	18	0.288 798	9.949 043	4	784	
217	9.660 260	15	9.711 221	19	0.288 779	9.949 039	4	783	1 1.8
218	9.660 275	15	9.711 240	19	0.288 760	9.949 035	4	782	2 3.6
219	9.660 289	14	9.711 258	18	0.288 742	9.949 031	4	781	3 5.4
.220	9.660 304	15	9.711 277	19	0.288 723	9.949 027	4	.780	4 7.2
221	9.660 319	15	9.711 296	19	0.288 704	9.949 023	4	779	5 9.0
222	9.660 334	15	9.711 314	18	0.288 686	9.949 019	4	778	6 10.8
223	9.660 348	14	9.711 333	19	0.288 667	9.949 015	4	777	7 12.6
224	9.660 363	15	9.711 351	18	0.288 649	9.949 012	3	776	8 14.4
225	9.660 378	15	9.711 370	19	0.288 630	9.949 008	4	775	9 16.2
226	9.660 393	15	9.711 389	19	0.288 611	9.949 004	4	774	
227	9.660 407	14	9.711 407	18	0.288 593	9.949 000	4	773	15
228	9.660 422	15	9.711 426	19	0.288 574	9.948 996	4	772	
229	9.660 437	15	9.711 445	19	0.288 555	9.948 992	4	771	1 1.5
.230	9.660 451	14	9.711 463	18	0.288 537	9.948 988	4	.770	2 3.0
231	9.660 466	15	9.711 482	19	0.288 518	9.948 984	4	769	3 4.5
232	9.660 481	15	9.711 501	19	0.288 499	9.948 980	4	768	4 6.0
233	9.660 496	15	9.711 519	18	0.288 481	9.948 976	4	767	5 7.5
234	9.660 510	14	9.711 538	19	0.288 462	9.948 973	3	766	6 9.0
235	9.660 525	15	9.711 556	18	0.288 444	9.948 969	4	765	7 10.5
236	9.660 540	15	9.711 575	19	0.288 425	9.948 965	4	764	8 12.0
237	9.660 555	15	9.711 594	19	0.288 406	9.948 961	4	763	9 13.5
238	9.660 569	14	9.711 612	18	0.288 388	9.948 957	4	762	
239	9.660 584	15	9.711 631	19	0.288 369	9.948 953	4	761	14
.240	9.660 599	15	9.711 650	19	0.288 350	9.948 949	4	.760	
241	9.660 613	14	9.711 668	18	0.288 332	9.948 945	4	759	1 1.4
242	9.660 628	15	9.711 687	19	0.288 313	9.948 941	4	758	2 2.8
243	9.660 643	15	9.711 705	18	0.288 295	9.948 937	4	757	3 4.2
244	9.660 658	15	9.711 724	19	0.288 276	9.948 934	3	756	4 5.6
245	9.660 672	14	9.711 743	19	0.288 257	9.948 930	4	755	5 7.0
246	9.660 687	15	9.711 761	18	0.288 239	9.948 926	4	754	6 8.4
247	9.660 702	15	9.711 780	19	0.288 220	9.948 922	4	753	7 9.8
248	9.660 716	14	9.711 799	19	0.288 201	9.948 918	4	752	8 11.2
249	9.660 731	15	9.711 817	18	0.288 183	9.948 914	4	751	9 12.6
.250	9.660 746	15	9.711 836	19	0.288 164	9.948 910	4	.750	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.800 — 62°.750

27°.250 — 27°.300

27°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.660 746		9.711 836		0.288 164	9.948 910		.750	
251	9.660 761	15	9.711 854	18	0.288 146	9.948 906	4	749	
252	9.660 775	14	9.711 873	19	0.288 127	9.948 902	4	748	
253	9.660 790	15	9.711 892	19	0.288 108	9.948 898	4	747	
		15		18			3		19
254	9.660 805	15	9.711 910	19	0.288 090	9.948 895	4	746	
255	9.660 819	14	9.711 929	19	0.288 071	9.948 891	4	745	1 1.9
256	9.660 834	15	9.711 947	18	0.288 053	9.948 887	4	744	2 3.8
		15		19			4		3 5.7
257	9.660 849	15	9.711 966	19	0.288 034	9.948 883	4	743	4 7.6
258	9.660 864	15	9.711 985	19	0.288 015	9.948 879	4	742	5 9.5
259	9.660 878	14	9.712 003	18	0.287 997	9.948 875	4	741	6 11.4
		15		19			4		7 13.3
.260	9.660 893	15	9.712 022	19	0.287 978	9.948 871	4	.740	8 15.2
		15		19			4		9 17.1
261	9.660 908	14	9.712 041	18	0.287 959	9.948 867	4	739	
262	9.660 922	15	9.712 059	19	0.287 941	9.948 863	4	738	
263	9.660 937	15	9.712 078	19	0.287 922	9.948 859	4	737	
		15		18			4		18
264	9.660 952	15	9.712 096	19	0.287 904	9.948 855	4	736	
265	9.660 967	15	9.712 115	19	0.287 885	9.948 852	3	735	
266	9.660 981	14	9.712 134	19	0.287 866	9.948 848	4	734	
		15		18			4		1 1.8
267	9.660 996	15	9.712 152	19	0.287 848	9.948 844	4	733	2 3.6
268	9.661 011	15	9.712 171	19	0.287 829	9.948 840	4	732	3 5.4
269	9.661 025	14	9.712 189	18	0.287 811	9.948 836	4	731	4 7.2
		15		19			4		5 9.0
.270	9.661 040	15	9.712 208	19	0.287 792	9.948 832	4	.730	6 10.8
		15		19			4		7 12.6
271	9.661 055	15	9.712 227	18	0.287 773	9.948 828	4	729	8 14.4
272	9.661 070	15	9.712 245	19	0.287 755	9.948 824	4	728	9 16.2
273	9.661 084	14	9.712 264	19	0.287 736	9.948 820	4	727	
		15		19			4		
274	9.661 099	15	9.712 283	19	0.287 717	9.948 816	4	726	
275	9.661 114	15	9.712 301	18	0.287 699	9.948 812	4	725	
276	9.661 128	14	9.712 320	19	0.287 680	9.948 809	3	724	
		15		18			4		
277	9.661 143	15	9.712 338	19	0.287 662	9.948 805	4	723	15
278	9.661 158	15	9.712 357	19	0.287 643	9.948 801	4	722	
279	9.661 172	14	9.712 376	19	0.287 624	9.948 797	4	721	1 1.5
		15		18			4		2 3.0
.280	9.661 187	15	9.712 394	19	0.287 606	9.948 793	4	.720	3 4.5
		15		19			4		4 6.0
281	9.661 202	15	9.712 413	18	0.287 587	9.948 789	4	719	5 7.5
282	9.661 217	15	9.712 431	18	0.287 569	9.948 785	4	718	6 9.0
283	9.661 231	14	9.712 450	19	0.287 550	9.948 781	4	717	7 10.5
		15		19			4		8 12.0
284	9.661 246	15	9.712 469	19	0.287 531	9.948 777	4	716	9 13.5
285	9.661 261	15	9.712 487	18	0.287 513	9.948 773	4	715	
286	9.661 275	14	9.712 506	19	0.287 494	9.948 769	4	714	
		15		18			3		
287	9.661 290	15	9.712 524	19	0.287 476	9.948 766	4	713	
288	9.661 305	15	9.712 543	19	0.287 457	9.948 762	4	712	
289	9.661 319	14	9.712 562	19	0.287 438	9.948 758	4	711	
		15		18			4		14
.290	9.661 334	15	9.712 580	19	0.287 420	9.948 754	4	.710	1 1.4
		15		19			4		2 2.8
291	9.661 349	14	9.712 599	18	0.287 401	9.948 750	4	709	3 4.2
292	9.661 363	15	9.712 617	19	0.287 383	9.948 746	4	708	4 5.6
293	9.661 378	15	9.712 636	19	0.287 364	9.948 742	4	707	5 7.0
		15		19			4		6 8.4
294	9.661 393	15	9.712 655	19	0.287 345	9.948 738	4	706	7 9.8
295	9.661 408	15	9.712 673	18	0.287 327	9.948 734	4	705	8 11.2
296	9.661 422	14	9.712 692	19	0.287 308	9.948 730	4	704	9 12.6
		15		18			4		
297	9.661 437	15	9.712 710	19	0.287 290	9.948 726	4	703	
298	9.661 452	15	9.712 729	19	0.287 271	9.948 723	3	702	
299	9.661 466	14	9.712 748	19	0.287 252	9.948 719	4	701	
		15		18			4		
.300	9.661 481	15	9.712 766	19	0.287 234	9.948 715	4	.700	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

27°.300 — 27°.350

27°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.661 481		9.712 766		0.287 234	9.948 715		.700	
301	9.661 496	15	9.712 785	19	0.287 215	9.948 711	4	699	
302	9.661 510	14	9.712 803	18	0.287 197	9.948 707	4	698	
303	9.661 525	15	9.712 822	19	0.287 178	9.948 703	4	697	
304	9.661 540	15	9.712 841	19	0.287 159	9.948 699	4	696	19
305	9.661 554	14	9.712 859	18	0.287 141	9.948 695	4	695	1 1.9
306	9.661 569	15	9.712 878	19	0.287 122	9.948 691	4	694	2 3.8
307	9.661 584	15	9.712 896	18	0.287 104	9.948 687	4	693	3 5.7
308	9.661 598	14	9.712 915	19	0.287 085	9.948 683	4	692	4 7.6
309	9.661 613	15	9.712 934	19	0.287 066	9.948 680	3	691	5 9.5
.310	9.661 628	15	9.712 952	18	0.287 048	9.948 676	4	.690	6 11.4
311	9.661 642	14	9.712 971	19	0.287 029	9.948 672	4	689	7 13.3
312	9.661 657	15	9.712 989	18	0.287 011	9.948 668	4	688	8 15.2
313	9.661 672	15	9.713 008	19	0.286 992	9.948 664	4	687	9 17.1
314	9.661 687	15	9.713 027	19	0.286 973	9.948 660	4	686	
315	9.661 701	14	9.713 045	18	0.286 955	9.948 656	4	685	18
316	9.661 716	15	9.713 064	19	0.286 936	9.948 652	4	684	
317	9.661 731	15	9.713 082	18	0.286 918	9.948 648	4	683	1 1.8
318	9.661 745	14	9.713 101	19	0.286 899	9.948 644	4	682	2 3.6
319	9.661 760	15	9.713 120	19	0.286 880	9.948 640	4	681	3 5.4
.320	9.661 775	15	9.713 138	18	0.286 862	9.948 636	4	.680	4 7.2
321	9.661 789	14	9.713 157	19	0.286 843	9.948 633	3	679	5 9.0
322	9.661 804	15	9.713 175	18	0.286 825	9.948 629	4	678	6 10.8
323	9.661 819	15	9.713 194	19	0.286 806	9.948 625	4	677	7 12.6
324	9.661 833	14	9.713 212	18	0.286 788	9.948 621	4	676	8 14.4
325	9.661 848	15	9.713 231	19	0.286 769	9.948 617	4	675	9 16.2
326	9.661 863	15	9.713 250	19	0.286 750	9.948 613	4	674	
327	9.661 877	14	9.713 268	18	0.286 732	9.948 609	4	673	15
328	9.661 892	15	9.713 287	19	0.286 713	9.948 605	4	672	
329	9.661 907	15	9.713 305	18	0.286 695	9.948 601	4	671	1 1.5
.330	9.661 921	14	9.713 324	19	0.286 676	9.948 597	4	.670	2 3.0
331	9.661 936	15	9.713 343	19	0.286 657	9.948 593	4	669	3 4.5
332	9.661 951	15	9.713 361	18	0.286 639	9.948 589	4	668	4 6.0
333	9.661 965	14	9.713 380	19	0.286 620	9.948 586	3	667	5 7.5
334	9.661 980	15	9.713 398	18	0.286 602	9.948 582	4	666	6 9.0
335	9.661 995	15	9.713 417	19	0.286 583	9.948 578	4	665	7 10.5
336	9.662 009	14	9.713 435	18	0.286 565	9.948 574	4	664	8 12.0
337	9.662 024	15	9.713 454	19	0.286 546	9.948 570	4	663	9 13.5
338	9.662 039	15	9.713 473	19	0.286 527	9.948 566	4	662	
339	9.662 053	14	9.713 491	18	0.286 509	9.948 562	4	661	14
.340	9.662 068	15	9.713 510	19	0.286 490	9.948 558	4	.660	
341	9.662 083	15	9.713 528	18	0.286 472	9.948 554	4	659	1 1.4
342	9.662 097	14	9.713 547	19	0.286 453	9.948 550	4	658	2 2.8
343	9.662 112	15	9.713 566	19	0.286 434	9.948 546	4	657	3 4.2
344	9.662 127	15	9.713 584	18	0.286 416	9.948 542	4	656	4 5.6
345	9.662 141	14	9.713 603	19	0.286 397	9.948 539	3	655	5 7.0
346	9.662 156	15	9.713 621	18	0.286 379	9.948 535	4	654	6 8.4
347	9.662 171	15	9.713 640	19	0.286 360	9.948 531	4	653	7 9.8
348	9.662 185	14	9.713 658	18	0.286 342	9.948 527	4	652	8 11.2
349	9.662 200	15	9.713 677	19	0.286 323	9.948 523	4	651	9 12.6
.350	9.662 214	14	9.713 696	19	0.286 304	9.948 519	4	.650	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.700 — 62°.650

27°.350 — 27°.400

27°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.662 214		9.713 696		0.286 304	9.948 519		.650	
351	9.662 229	15	9.713 714	18	0.286 286	9.948 515	4	649	
352	9.662 244	15	9.713 733	19	0.286 267	9.948 511	4	648	
353	9.662 258	14	9.713 751	18	0.286 249	9.948 507	4	647	
		15		19			4		19
354	9.662 273	15	9.713 770	18	0.286 230	9.948 503	4	646	1
355	9.662 288	15	9.713 788	18	0.286 212	9.948 499	4	645	2
356	9.662 302	14	9.713 807	19	0.286 193	9.948 495	4	644	3
		15		19			4		4
357	9.662 317	15	9.713 826	18	0.286 174	9.948 491	4	643	5
358	9.662 332	15	9.713 844	18	0.286 156	9.948 488	3	642	6
359	9.662 346	14	9.713 863	19	0.286 137	9.948 484	4	641	7
		15		18			4		8
.360	9.662 361		9.713 881		0.286 119	9.948 480		.640	9
		15		19			4		13.3
361	9.662 376	14	9.713 900	18	0.286 100	9.948 476	4	639	15.2
362	9.662 390	15	9.713 918	18	0.286 082	9.948 472	4	638	17.1
363	9.662 405	15	9.713 937	19	0.286 063	9.948 468	4	637	
		15		19			4		18
364	9.662 420	14	9.713 956	18	0.286 044	9.948 464	4	636	1
365	9.662 434	15	9.713 974	18	0.286 026	9.948 460	4	635	2
366	9.662 449	15	9.713 993	19	0.286 007	9.948 456	4	634	3
		15		18			4		4
367	9.662 464	14	9.714 011	19	0.285 989	9.948 452	4	633	5
368	9.662 478	14	9.714 030	19	0.285 970	9.948 448	4	632	6
369	9.662 493	15	9.714 048	18	0.285 952	9.948 444	4	631	7
		14		19			4		8
.370	9.662 507		9.714 067		0.285 933	9.948 440		.630	9
		15		19			3		10.8
371	9.662 522	15	9.714 086	18	0.285 914	9.948 437	4	629	12.6
372	9.662 537	14	9.714 104	19	0.285 896	9.948 433	4	628	14.4
373	9.662 551	15	9.714 123	18	0.285 877	9.948 429	4	627	16.2
		15		18			4		
374	9.662 566	15	9.714 141	19	0.285 859	9.948 425	4	626	
375	9.662 581	14	9.714 160	18	0.285 840	9.948 421	4	625	
376	9.662 595	14	9.714 178	18	0.285 822	9.948 417	4	624	
		15		19			4		
377	9.662 610	15	9.714 197	18	0.285 803	9.948 413	4	623	15
378	9.662 625	15	9.714 215	18	0.285 785	9.948 409	4	622	
379	9.662 639	14	9.714 234	19	0.285 766	9.948 405	4	621	1
		15		19			4		2
.380	9.662 654		9.714 253		0.285 747	9.948 401		.620	3
		14		18			4		4.5
381	9.662 668	15	9.714 271	19	0.285 729	9.948 397	4	619	6.0
382	9.662 683	15	9.714 290	18	0.285 710	9.948 393	4	618	7.5
383	9.662 698	15	9.714 308	18	0.285 692	9.948 389	4	617	9.0
		14		19			3		10.5
384	9.662 712	15	9.714 327	18	0.285 673	9.948 386	4	616	12.0
385	9.662 727	15	9.714 345	19	0.285 655	9.948 382	4	615	13.5
386	9.662 742	15	9.714 364	19	0.285 636	9.948 378	4	614	
		14		19			4		
387	9.662 756	15	9.714 383	18	0.285 617	9.948 374	4	613	
388	9.662 771	15	9.714 401	18	0.285 599	9.948 370	4	612	
389	9.662 786	15	9.714 420	19	0.285 580	9.948 366	4	611	
		14		18			4		14
.390	9.662 800		9.714 438		0.285 562	9.948 362		.610	1
		15		19			4		1.4
391	9.662 815	14	9.714 457	18	0.285 543	9.948 358	4	609	2.8
392	9.662 829	15	9.714 475	18	0.285 525	9.948 354	4	608	4.2
393	9.662 844	15	9.714 494	19	0.285 506	9.948 350	4	607	5.6
		15		18			4		7.0
394	9.662 859	14	9.714 512	19	0.285 488	9.948 346	4	606	8.4
395	9.662 873	14	9.714 531	19	0.285 469	9.948 342	4	605	9.8
396	9.662 888	15	9.714 550	19	0.285 450	9.948 338	4	604	11.2
		15		18			4		12.6
397	9.662 903	14	9.714 568	19	0.285 432	9.948 334	4	603	
398	9.662 917	14	9.714 587	19	0.285 413	9.948 331	3	602	
399	9.662 932	15	9.714 605	18	0.285 395	9.948 327	4	601	
		14		19			4		
.400	9.662 946		9.714 624		0.285 376	9.948 323		.600	
		15		19			4		
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.650 — 62°.600

27°.400 — 27°.450

27°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.662 946		9.714 624		0.285 376	9.948 323		.600	
401	9.662 961	15	9.714 642	18	0.285 358	9.948 319	4	599	
402	9.662 976	15	9.714 661	19	0.285 339	9.948 315	4	598	
403	9.662 990	14	9.714 679	18	0.285 321	9.948 311	4	597	
404	9.663 005	15	9.714 698	19	0.285 302	9.948 307	4	596	19
405	9.663 020	15	9.714 716	18	0.285 284	9.948 303	4	595	1 1.9
406	9.663 034	14	9.714 735	19	0.285 265	9.948 299	4	594	2 3.8
407	9.663 049	15	9.714 754	19	0.285 246	9.948 295	4	593	3 5.7
408	9.663 063	14	9.714 772	18	0.285 228	9.948 291	4	592	4 7.6
409	9.663 078	15	9.714 791	19	0.285 209	9.948 287	4	591	5 9.5
.410	9.663 093	15	9.714 809	18	0.285 191	9.948 283	4	.590	6 11.4
		14		19			4		7 13.3
411	9.663 107	15	9.714 828	18	0.285 172	9.948 279	4	589	8 15.2
412	9.663 122	14	9.714 846	19	0.285 154	9.948 276	3	588	9 17.1
413	9.663 136	14	9.714 865	19	0.285 135	9.948 272	4	587	
414	9.663 151	15	9.714 883	18	0.285 117	9.948 268	4	586	
415	9.663 166	15	9.714 902	19	0.285 098	9.948 264	4	585	
416	9.663 180	14	9.714 921	19	0.285 079	9.948 260	4	584	18
417	9.663 195	15	9.714 939	18	0.285 061	9.948 256	4	583	1 1.8
418	9.663 210	15	9.714 958	19	0.285 042	9.948 252	4	582	2 3.6
419	9.663 224	14	9.714 976	18	0.285 024	9.948 248	4	581	3 5.4
.420	9.663 239	15	9.714 995	19	0.285 005	9.948 244	4	.580	4 7.2
		14		18			4		5 9.0
421	9.663 253	15	9.715 013	19	0.284 987	9.948 240	4	579	6 10.8
422	9.663 268	15	9.715 032	18	0.284 968	9.948 236	4	578	7 12.6
423	9.663 283	14	9.715 050	19	0.284 950	9.948 232	4	577	8 14.4
424	9.663 297	15	9.715 069	18	0.284 931	9.948 228	4	576	9 16.2
425	9.663 312	15	9.715 087	19	0.284 913	9.948 224	4	575	
426	9.663 326	14	9.715 106	19	0.284 894	9.948 220	4	574	
427	9.663 341	15	9.715 124	18	0.284 876	9.948 217	3	573	15
428	9.663 356	15	9.715 143	19	0.284 857	9.948 213	4	572	1 1.5
429	9.663 370	14	9.715 162	19	0.284 838	9.948 209	4	571	2 3.0
.430	9.663 385	15	9.715 180	18	0.284 820	9.948 205	4	.570	3 4.5
		14		19			4		4 6.0
431	9.663 399	15	9.715 199	18	0.284 801	9.948 201	4	569	5 7.5
432	9.663 414	15	9.715 217	19	0.284 783	9.948 197	4	568	6 9.0
433	9.663 429	14	9.715 236	18	0.284 764	9.948 193	4	567	7 10.5
434	9.663 443	15	9.715 254	19	0.284 746	9.948 189	4	566	8 12.0
435	9.663 458	14	9.715 273	18	0.284 727	9.948 185	4	565	9 13.5
436	9.663 472	15	9.715 291	19	0.284 709	9.948 181	4	564	
437	9.663 487	15	9.715 310	18	0.284 690	9.948 177	4	563	
438	9.663 502	14	9.715 328	19	0.284 672	9.948 173	4	562	
439	9.663 516	15	9.715 347	18	0.284 653	9.948 169	4	561	14
.440	9.663 531	14	9.715 365	19	0.284 635	9.948 165	4	.560	1 1.4
		15		18			4		2 2.8
441	9.663 545	15	9.715 384	19	0.284 616	9.948 161	4	559	3 4.2
442	9.663 560	15	9.715 403	18	0.284 597	9.948 157	4	558	4 5.6
443	9.663 575	14	9.715 421	19	0.284 579	9.948 154	3	557	5 7.0
444	9.663 589	15	9.715 440	18	0.284 560	9.948 150	4	556	6 8.4
445	9.663 604	15	9.715 458	19	0.284 542	9.948 146	4	555	7 9.8
446	9.663 618	14	9.715 477	18	0.284 523	9.948 142	4	554	8 11.2
447	9.663 633	15	9.715 495	19	0.284 505	9.948 138	4	553	9 12.6
448	9.663 648	15	9.715 514	18	0.284 486	9.948 134	4	552	
449	9.663 662	14	9.715 532	19	0.284 468	9.948 130	4	551	
.450	9.663 677	15	9.715 551	18	0.284 449	9.948 126	4	.550	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.600 — 62°.550

27°.450 — 27°.500

27°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.663 677		9.715 551		0.284 449	9.948 126		.550	
451	9.663 691	14	9.715 569	18	0.284 431	9.948 122	4	549	
452	9.663 706	15	9.715 588	19	0.284 412	9.948 118	4	548	
453	9.663 721	15	9.715 606	18	0.284 394	9.948 114	4	547	
		14		19			4		19
454	9.663 735	15	9.715 625	18	0.284 375	9.948 110	4	546	1 1.9
455	9.663 750	14	9.715 643	19	0.284 357	9.948 106	4	545	2 3.8
456	9.663 764	15	9.715 662	18	0.284 338	9.948 102	4	544	3 5.7
		15		19			4		4 7.6
457	9.663 779	14	9.715 680	19	0.284 320	9.948 098	3	543	5 9.5
458	9.663 793	15	9.715 699	19	0.284 301	9.948 095	4	542	6 11.4
459	9.663 808	15	9.715 718	18	0.284 282	9.948 091	4	541	7 13.3
		14		19			4		8 15.2
.460	9.663 823	15	9.715 736	19	0.284 264	9.948 087	4	.540	9 17.1
		14		18			4		
461	9.663 837	15	9.715 755	18	0.284 245	9.948 083	4	539	
462	9.663 852	14	9.715 773	19	0.284 227	9.948 079	4	538	
463	9.663 866	15	9.715 792	18	0.284 208	9.948 075	4	537	
		15		19			4		18
464	9.663 881	15	9.715 810	18	0.284 190	9.948 071	4	536	1 1.8
465	9.663 896	14	9.715 829	19	0.284 171	9.948 067	4	535	2 3.6
466	9.663 910	15	9.715 847	18	0.284 153	9.948 063	4	534	3 5.4
		15		19			4		4 7.2
467	9.663 925	14	9.715 866	18	0.284 134	9.948 059	4	533	5 9.0
468	9.663 939	15	9.715 884	19	0.284 116	9.948 055	4	532	6 10.8
469	9.663 954	14	9.715 903	18	0.284 097	9.948 051	4	531	7 12.6
		15		19			4		8 14.4
.470	9.663 968	15	9.715 921	19	0.284 079	9.948 047	4	.530	9 16.2
		14		18			4		
471	9.663 983	15	9.715 940	18	0.284 060	9.948 043	4	529	
472	9.663 998	14	9.715 958	19	0.284 042	9.948 039	4	528	
473	9.664 012	15	9.715 977	18	0.284 023	9.948 035	4	527	
		14		19			4		
474	9.664 027	14	9.715 995	19	0.284 005	9.948 031	3	526	
475	9.664 041	15	9.716 014	18	0.283 986	9.948 028	4	525	
476	9.664 056	15	9.716 032	19	0.283 968	9.948 024	4	524	
		15		18			4		
477	9.664 071	14	9.716 051	18	0.283 949	9.948 020	4	523	15
478	9.664 085	15	9.716 069	19	0.283 931	9.948 016	4	522	1 1.5
479	9.664 100	14	9.716 088	18	0.283 912	9.948 012	4	521	2 3.0
		15		19			4		3 4.5
.480	9.664 114	15	9.716 106	19	0.283 894	9.948 008	4	.520	4 6.0
		14		18			4		5 7.5
481	9.664 129	14	9.716 125	18	0.283 875	9.948 004	4	519	6 9.0
482	9.664 143	15	9.716 143	19	0.283 857	9.948 000	4	518	7 10.5
483	9.664 158	15	9.716 162	19	0.283 838	9.947 996	4	517	8 12.0
		15		18			4		9 13.5
484	9.664 173	14	9.716 181	18	0.283 819	9.947 992	4	516	
485	9.664 187	15	9.716 199	19	0.283 801	9.947 988	4	515	
486	9.664 202	14	9.716 218	18	0.283 782	9.947 984	4	514	
		15		19			4		
487	9.664 216	15	9.716 236	19	0.283 764	9.947 980	4	513	
488	9.664 231	14	9.716 255	18	0.283 745	9.947 976	4	512	
489	9.664 245	15	9.716 273	19	0.283 727	9.947 972	4	511	
		14		18			4		14
.490	9.664 260	15	9.716 292	19	0.283 708	9.947 968	4	.510	1 1.4
		14		18			4		2 2.8
491	9.664 275	14	9.716 310	19	0.283 690	9.947 964	4	509	3 4.2
492	9.664 289	15	9.716 329	18	0.283 671	9.947 960	4	508	4 5.6
493	9.664 304	14	9.716 347	19	0.283 653	9.947 957	3	507	5 7.0
		15		18			4		6 8.4
494	9.664 318	15	9.716 366	18	0.283 634	9.947 953	4	506	7 9.8
495	9.664 333	14	9.716 384	19	0.283 616	9.947 949	4	505	8 11.2
496	9.664 347	15	9.716 403	18	0.283 597	9.947 945	4	504	9 12.6
		14		19			4		
497	9.664 362	14	9.716 421	19	0.283 579	9.947 941	4	503	
498	9.664 376	15	9.716 440	18	0.283 560	9.947 937	4	502	
499	9.664 391	15	9.716 458	19	0.283 542	9.947 933	4	501	
		14		18			4		
.500	9.664 406	15	9.716 477	19	0.283 523	9.947 929	4	.500	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

27°.500 — 27°.550

27°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.664 406		9.716 477		0.283 523	9.947 929		.500	
501	9.664 420	14	9.716 495	18	0.283 505	9.947 925	4	499	
502	9.664 435	15	9.716 514	19	0.283 486	9.947 921	4	498	
503	9.664 449	14	9.716 532	18	0.283 468	9.947 917	4	497	
		15		19			4		19
504	9.664 464	14	9.716 551	18	0.283 449	9.947 913	4	496	
505	9.664 478	15	9.716 569	19	0.283 431	9.947 909	4	495	1 1.9
506	9.664 493	15	9.716 588	18	0.283 412	9.947 905	4	494	2 3.8
		15		18			4		3 5.7
507	9.664 508	14	9.716 606	19	0.283 394	9.947 901	4	493	4 7.6
508	9.664 522	15	9.716 625	18	0.283 375	9.947 897	4	492	5 9.5
509	9.664 537	14	9.716 643	19	0.283 357	9.947 893	4	491	6 11.4
		15		18			4		7 13.3
.510	9.664 551	14	9.716 662	19	0.283 338	9.947 889	4	.490	8 15.2
		15		18			3		9 17.1
511	9.664 566	14	9.716 680	19	0.283 320	9.947 886	4	489	
512	9.664 580	15	9.716 699	18	0.283 301	9.947 882	4	488	
513	9.664 595	14	9.716 717	19	0.283 283	9.947 878	4	487	
		14		19			4		18
514	9.664 609	15	9.716 736	18	0.283 264	9.947 874	4	486	
515	9.664 624	14	9.716 754	19	0.283 246	9.947 870	4	485	
516	9.664 638	15	9.716 773	18	0.283 227	9.947 866	4	484	
		15		18			4		1 1.8
517	9.664 653	14	9.716 791	19	0.283 209	9.947 862	4	483	2 3.6
518	9.664 668	15	9.716 810	18	0.283 190	9.947 858	4	482	3 5.4
519	9.664 682	14	9.716 828	19	0.283 172	9.947 854	4	481	4 7.2
		15		19			4		5 9.0
.520	9.664 697	14	9.716 847	18	0.283 153	9.947 850	4	.480	6 10.8
		15		19			4		7 12.6
521	9.664 711	14	9.716 865	19	0.283 135	9.947 846	4	479	8 14.4
522	9.664 726	15	9.716 884	18	0.283 116	9.947 842	4	478	9 16.2
523	9.664 740	14	9.716 902	19	0.283 098	9.947 838	4	477	
		15		18			4		
524	9.664 755	14	9.716 921	19	0.283 079	9.947 834	4	476	
525	9.664 769	15	9.716 939	18	0.283 061	9.947 830	4	475	
526	9.664 784	14	9.716 958	19	0.283 042	9.947 826	4	474	
		15		18			4		
527	9.664 799	14	9.716 976	19	0.283 024	9.947 822	4	473	15
528	9.664 813	15	9.716 995	18	0.283 005	9.947 818	4	472	
529	9.664 828	14	9.717 013	19	0.282 987	9.947 814	4	471	1 1.5
		15		19			4		2 3.0
.530	9.664 842	14	9.717 032	18	0.282 968	9.947 810	4	.470	3 4.5
		15		18			3		4 6.0
531	9.664 857	14	9.717 050	19	0.282 950	9.947 807	4	469	5 7.5
532	9.664 871	15	9.717 069	18	0.282 931	9.947 803	4	468	6 9.0
533	9.664 886	14	9.717 087	19	0.282 913	9.947 799	4	467	7 10.5
		14		19			4		8 12.0
534	9.664 900	15	9.717 106	18	0.282 894	9.947 795	4	466	9 13.5
535	9.664 915	14	9.717 124	19	0.282 876	9.947 791	4	465	
536	9.664 929	15	9.717 143	18	0.282 857	9.947 787	4	464	
		15		18			4		
537	9.664 944	14	9.717 161	19	0.282 839	9.947 783	4	463	
538	9.664 958	15	9.717 180	18	0.282 820	9.947 779	4	462	
539	9.664 973	14	9.717 198	19	0.282 802	9.947 775	4	461	
		15		19			4		14
.540	9.664 988	14	9.717 217	18	0.282 783	9.947 771	4	.460	1 1.4
		15		18			4		2 2.8
541	9.665 002	14	9.717 235	19	0.282 765	9.947 767	4	459	3 4.2
542	9.665 017	15	9.717 254	18	0.282 746	9.947 763	4	458	4 5.6
543	9.665 031	14	9.717 272	19	0.282 728	9.947 759	4	457	5 7.0
		15		19			4		6 8.4
544	9.665 046	14	9.717 291	18	0.282 709	9.947 755	4	456	7 9.8
545	9.665 060	15	9.717 309	19	0.282 691	9.947 751	4	455	8 11.2
546	9.665 075	14	9.717 328	18	0.282 672	9.947 747	4	454	9 12.6
		14		18			4		
547	9.665 089	15	9.717 346	19	0.282 654	9.947 743	4	453	
548	9.665 104	14	9.717 364	18	0.282 636	9.947 739	4	452	
549	9.665 118	15	9.717 383	19	0.282 617	9.947 735	4	451	
		15		18			4		
.550	9.665 133	14	9.717 401	19	0.282 599	9.947 731	4	.450	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.500 — 62°.450

27°.550 — 27°.600

27°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.665 133		9.717 401		0.282 599	9.947 731		.450	
551	9.665 147	14	9.717 420	19	0.282 580	9.947 727	4	449	
552	9.665 162	15	9.717 438	18	0.282 562	9.947 724	3	448	
553	9.665 176	14	9.717 457	19	0.282 543	9.947 720	4	447	
		15		18			4		19
554	9.665 191	15	9.717 475	19	0.282 525	9.947 716	4	446	1 1.9
555	9.665 206	15	9.717 494	19	0.282 506	9.947 712	4	445	2 3.8
556	9.665 220	14	9.717 512	18	0.282 488	9.947 708	4	444	3 5.7
		15		19			4		4 7.6
557	9.665 235	14	9.717 531	18	0.282 469	9.947 704	4	443	5 9.5
558	9.665 249	15	9.717 549	19	0.282 451	9.947 700	4	442	6 11.4
559	9.665 264	14	9.717 568	18	0.282 432	9.947 696	4	441	7 13.3
		15		19			4		8 15.2
.560	9.665 278	14	9.717 586	18	0.282 414	9.947 692	4	.440	9 17.1
		15		19			4		
561	9.665 293	14	9.717 605	18	0.282 395	9.947 688	4	439	
562	9.665 307	15	9.717 623	19	0.282 377	9.947 684	4	438	
563	9.665 322	14	9.717 642	18	0.282 358	9.947 680	4	437	
		15		19			4		18
564	9.665 336	14	9.717 660	18	0.282 340	9.947 676	4	436	1 1.8
565	9.665 351	15	9.717 679	19	0.282 321	9.947 672	4	435	2 3.6
566	9.665 365	14	9.717 697	18	0.282 303	9.947 668	4	434	3 5.4
		15		19			4		4 7.2
567	9.665 380	14	9.717 716	18	0.282 284	9.947 664	4	433	5 9.0
568	9.665 394	15	9.717 734	19	0.282 266	9.947 660	4	432	6 10.8
569	9.665 409	14	9.717 753	18	0.282 247	9.947 656	4	431	7 12.6
		15		19			4		8 14.4
.570	9.665 423	14	9.717 771	18	0.282 229	9.947 652	4	.430	9 16.2
		15		19			4		
571	9.665 438	14	9.717 790	18	0.282 210	9.947 648	4	429	
572	9.665 452	15	9.717 808	18	0.282 192	9.947 644	4	428	
573	9.665 467	14	9.717 826	19	0.282 174	9.947 640	4	427	
		15		18			4		
574	9.665 481	14	9.717 845	18	0.282 155	9.947 636	3	426	
575	9.665 496	15	9.717 863	19	0.282 137	9.947 633	4	425	
576	9.665 510	14	9.717 882	18	0.282 118	9.947 629	4	424	
		15		19			4		15
577	9.665 525	14	9.717 900	18	0.282 100	9.947 625	4	423	1 1.5
578	9.665 539	15	9.717 919	19	0.282 081	9.947 621	4	422	2 3.0
579	9.665 554	14	9.717 937	18	0.282 063	9.947 617	4	421	3 4.5
		15		19			4		4 6.0
.580	9.665 568	14	9.717 956	18	0.282 044	9.947 613	4	.420	5 7.5
		15		19			4		6 9.0
581	9.665 583	15	9.717 974	18	0.282 026	9.947 609	4	419	7 10.5
582	9.665 598	14	9.717 993	19	0.282 007	9.947 605	4	418	8 12.0
583	9.665 612	15	9.718 011	18	0.281 989	9.947 601	4	417	9 13.5
		14		19			4		
584	9.665 627	14	9.718 030	18	0.281 970	9.947 597	4	416	
585	9.665 641	15	9.718 048	19	0.281 952	9.947 593	4	415	
586	9.665 656	14	9.718 067	18	0.281 933	9.947 589	4	414	
		15		19			4		
587	9.665 670	14	9.718 085	18	0.281 915	9.947 585	4	413	
588	9.665 685	15	9.718 104	19	0.281 896	9.947 581	4	412	
589	9.665 699	14	9.718 122	18	0.281 878	9.947 577	4	411	
		15		19			4		14
.590	9.665 714	14	9.718 140	18	0.281 860	9.947 573	4	.410	1 1.4
		15		19			4		2 2.8
591	9.665 728	14	9.718 159	18	0.281 841	9.947 569	4	409	3 4.2
592	9.665 743	15	9.718 177	19	0.281 823	9.947 565	4	408	4 5.6
593	9.665 757	14	9.718 196	18	0.281 804	9.947 561	4	407	5 7.0
		15		19			4		6 8.4
594	9.665 772	14	9.718 214	18	0.281 786	9.947 557	4	406	7 9.8
595	9.665 786	15	9.718 233	19	0.281 767	9.947 553	4	405	8 11.2
596	9.665 801	14	9.718 251	18	0.281 749	9.947 549	4	404	9 12.6
		15		19			4		
597	9.665 815	14	9.718 270	18	0.281 730	9.947 545	4	403	
598	9.665 830	15	9.718 288	19	0.281 712	9.947 541	4	402	
599	9.665 844	14	9.718 307	18	0.281 693	9.947 537	4	401	
		15		19			4		
.600	9.665 859	14	9.718 325	18	0.281 675	9.947 533	4	.400	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

27°.600 — 27°.650

27°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.665 859		9.718 325		0.281 675	9.947 533		.400	
601	9.665 873	14	9.718 344	19	0.281 656	9.947 530	3	399	
602	9.665 888	15	9.718 362	18	0.281 638	9.947 526	4	398	
603	9.665 902	14	9.718 380	18	0.281 620	9.947 522	4	397	
604	9.665 917	15	9.718 399	19	0.281 601	9.947 518	4	396	19
605	9.665 931	14	9.718 417	18	0.281 583	9.947 514	4	395	1 1.9
606	9.665 946	15	9.718 436	19	0.281 564	9.947 510	4	394	2 3.8
607	9.665 960	14	9.718 454	18	0.281 546	9.947 506	4	393	3 5.7
608	9.665 975	15	9.718 473	19	0.281 527	9.947 502	4	392	4 7.6
609	9.665 989	14	9.718 491	18	0.281 509	9.947 498	4	391	5 9.5
.610	9.666 004	15	9.718 510	19	0.281 490	9.947 494	4	.390	6 11.4
611	9.666 018	14	9.718 528	18	0.281 472	9.947 490	4	389	7 13.3
612	9.666 033	15	9.718 547	19	0.281 453	9.947 486	4	388	8 15.2
613	9.666 047	14	9.718 565	18	0.281 435	9.947 482	4	387	9 17.1
614	9.666 062	15	9.718 584	19	0.281 416	9.947 478	4	386	
615	9.666 076	14	9.718 602	18	0.281 398	9.947 474	4	385	18
616	9.666 090	14	9.718 620	18	0.281 380	9.947 470	4	384	
617	9.666 105	15	9.718 639	19	0.281 361	9.947 466	4	383	1 1.8
618	9.666 119	14	9.718 657	18	0.281 343	9.947 462	4	382	2 3.6
619	9.666 134	15	9.718 676	19	0.281 324	9.947 458	4	381	3 5.4
.620	9.666 148	14	9.718 694	18	0.281 306	9.947 454	4	.380	4 7.2
621	9.666 163	15	9.718 713	19	0.281 287	9.947 450	4	379	5 9.0
622	9.666 177	14	9.718 731	18	0.281 269	9.947 446	4	378	6 10.8
623	9.666 192	15	9.718 750	19	0.281 250	9.947 442	4	377	7 12.6
624	9.666 206	14	9.718 768	18	0.281 232	9.947 438	4	376	8 14.4
625	9.666 221	15	9.718 786	19	0.281 214	9.947 434	4	375	9 16.2
626	9.666 235	14	9.718 805	18	0.281 195	9.947 430	4	374	
627	9.666 250	15	9.718 823	19	0.281 177	9.947 426	4	373	15
628	9.666 264	14	9.718 842	18	0.281 158	9.947 422	4	372	
629	9.666 279	15	9.718 860	19	0.281 140	9.947 419	3	371	1 1.5
.630	9.666 293	14	9.718 879	18	0.281 121	9.947 415	4	.370	2 3.0
631	9.666 308	15	9.718 897	19	0.281 103	9.947 411	4	369	3 4.5
632	9.666 322	14	9.718 916	18	0.281 084	9.947 407	4	368	4 6.0
633	9.666 337	15	9.718 934	19	0.281 066	9.947 403	4	367	5 7.5
634	9.666 351	14	9.718 953	18	0.281 047	9.947 399	4	366	6 9.0
635	9.666 366	15	9.718 971	19	0.281 029	9.947 395	4	365	7 10.5
636	9.666 380	14	9.718 989	18	0.281 011	9.947 391	4	364	8 12.0
637	9.666 395	15	9.719 008	19	0.280 992	9.947 387	4	363	9 13.5
638	9.666 409	14	9.719 026	18	0.280 974	9.947 383	4	362	
639	9.666 424	15	9.719 045	19	0.280 955	9.947 379	4	361	14
.640	9.666 438	14	9.719 063	18	0.280 937	9.947 375	4	.360	
641	9.666 453	15	9.719 082	19	0.280 918	9.947 371	4	359	1 1.4
642	9.666 467	14	9.719 100	18	0.280 900	9.947 367	4	358	2 2.8
643	9.666 481	15	9.719 119	19	0.280 881	9.947 363	4	357	3 4.2
644	9.666 496	14	9.719 137	18	0.280 863	9.947 359	4	356	4 5.6
645	9.666 510	15	9.719 155	19	0.280 845	9.947 355	4	355	5 7.0
646	9.666 525	14	9.719 174	18	0.280 826	9.947 351	4	354	6 8.4
647	9.666 539	15	9.719 192	19	0.280 808	9.947 347	4	353	7 9.8
648	9.666 554	14	9.719 211	18	0.280 789	9.947 343	4	352	8 11.2
649	9.666 568	15	9.719 229	19	0.280 771	9.947 339	4	351	9 12.6
.650	9.666 583	14	9.719 248	18	0.280 752	9.947 335	4	.350	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.400 — 62°.350

27°.650 — 27°.700

27°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.666 583		9.719 248		0.280 752	9.947 335		.350	
651	9.666 597	14	9.719 266	18	0.280 734	9.947 331	4	349	
652	9.666 612	15	9.719 284	18	0.280 716	9.947 327	4	348	
653	9.666 626	14	9.719 303	19	0.280 697	9.947 323	4	347	
		15		18			4		19
654	9.666 641	14	9.719 321	19	0.280 679	9.947 319	4	346	1
655	9.666 655	15	9.719 340	18	0.280 660	9.947 315	4	345	2
656	9.666 670	14	9.719 358	19	0.280 642	9.947 311	4	344	3
		15		18			4		4
657	9.666 684	14	9.719 377	19	0.280 623	9.947 307	4	343	5
658	9.666 698	14	9.719 395	19	0.280 605	9.947 303	4	342	6
659	9.666 713	15	9.719 414	18	0.280 586	9.947 299	4	341	7
		14		18			4		8
.660	9.666 727	15	9.719 432	18	0.280 568	9.947 295	4	.340	9
		14		19			4		17.1
661	9.666 742	14	9.719 450	19	0.280 550	9.947 291	4	339	
662	9.666 756	15	9.719 469	18	0.280 531	9.947 287	4	338	
663	9.666 771	14	9.719 487	19	0.280 513	9.947 284	3	337	
		14		19			4		18
664	9.666 785	15	9.719 506	18	0.280 494	9.947 280	4	336	1
665	9.666 800	14	9.719 524	19	0.280 476	9.947 276	4	335	2
666	9.666 814	15	9.719 543	18	0.280 457	9.947 272	4	334	3
		14		19			4		4
667	9.666 829	14	9.719 561	18	0.280 439	9.947 268	4	333	5
668	9.666 843	15	9.719 579	19	0.280 421	9.947 264	4	332	6
669	9.666 858	14	9.719 598	18	0.280 402	9.947 260	4	331	7
		15		19			4		8
.670	9.666 872	14	9.719 616	18	0.280 384	9.947 256	4	.330	9
		14		19			4		10.8
671	9.666 886	15	9.719 635	18	0.280 365	9.947 252	4	329	7
672	9.666 901	14	9.719 653	19	0.280 347	9.947 248	4	328	12.6
673	9.666 915	15	9.719 672	18	0.280 328	9.947 244	4	327	8
		14		19			4		14.4
674	9.666 930	14	9.719 690	18	0.280 310	9.947 240	4	326	16.2
675	9.666 944	15	9.719 708	19	0.280 292	9.947 236	4	325	
676	9.666 959	14	9.719 727	18	0.280 273	9.947 232	4	324	
		15		19			4		15
677	9.666 973	14	9.719 745	18	0.280 255	9.947 228	4	323	1
678	9.666 988	15	9.719 764	19	0.280 236	9.947 224	4	322	2
679	9.667 002	14	9.719 782	18	0.280 218	9.947 220	4	321	3
		15		19			4		4
.680	9.667 017	14	9.719 801	18	0.280 199	9.947 216	4	.320	5
		14		18			4		6.0
681	9.667 031	14	9.719 819	18	0.280 181	9.947 212	4	319	7
682	9.667 045	15	9.719 837	19	0.280 163	9.947 208	4	318	10.5
683	9.667 060	14	9.719 856	18	0.280 144	9.947 204	4	317	8
		15		19			4		12.0
684	9.667 074	14	9.719 874	18	0.280 126	9.947 200	4	316	13.5
685	9.667 089	15	9.719 893	19	0.280 107	9.947 196	4	315	
686	9.667 103	14	9.719 911	18	0.280 089	9.947 192	4	314	
		15		19			4		14
687	9.667 118	14	9.719 930	18	0.280 070	9.947 188	4	313	1
688	9.667 132	15	9.719 948	18	0.280 052	9.947 184	4	312	2
689	9.667 147	14	9.719 966	19	0.280 034	9.947 180	4	311	3
		15		18			4		4
.690	9.667 161	14	9.719 985	18	0.280 015	9.947 176	4	.310	5
		14		19			4		7.0
691	9.667 175	15	9.720 003	18	0.279 997	9.947 172	4	309	8.4
692	9.667 190	14	9.720 022	19	0.279 978	9.947 168	4	308	9
693	9.667 204	15	9.720 040	18	0.279 960	9.947 164	4	307	11.2
		14		19			4		12.6
694	9.667 219	14	9.720 059	18	0.279 941	9.947 160	4	306	
695	9.667 233	15	9.720 077	19	0.279 923	9.947 156	4	305	
696	9.667 248	14	9.720 095	18	0.279 905	9.947 152	4	304	
		15		19			4		
697	9.667 262	14	9.720 114	18	0.279 886	9.947 148	4	303	
698	9.667 277	15	9.720 132	19	0.279 868	9.947 144	4	302	
699	9.667 291	14	9.720 151	18	0.279 849	9.947 140	4	301	
		15		19			4		
.700	9.667 305	14	9.720 169	18	0.279 831	9.947 136	4	.300	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.350 — 62°.300

27°.700 — 27°.750

27°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.667 305		9.720 169		0.279 831	9.947 136		.300	
701	9.667 320	15	9.720 187	18	0.279 813	9.947 132	4	299	
702	9.667 334	14	9.720 206	19	0.279 794	9.947 128	4	298	
703	9.667 349	15	9.720 224	18	0.279 776	9.947 124	4	297	
704	9.667 363	14	9.720 243	19	0.279 757	9.947 120	4	296	19
705	9.667 378	15	9.720 261	18	0.279 739	9.947 116	4	295	1 1.9
706	9.667 392	14	9.720 280	19	0.279 720	9.947 113	3	294	2 3.8
707	9.667 406	14	9.720 298	18	0.279 702	9.947 109	4	293	3 5.7
708	9.667 421	15	9.720 316	18	0.279 684	9.947 105	4	292	4 7.6
709	9.667 435	14	9.720 335	19	0.279 665	9.947 101	4	291	5 9.5
		15		18			4		6 11.4
.710	9.667 450		9.720 353		0.279 647	9.947 097		.290	7 13.3
711	9.667 464	14	9.720 372	19	0.279 628	9.947 093	4	289	8 15.2
712	9.667 479	15	9.720 390	18	0.279 610	9.947 089	4	288	9 17.1
713	9.667 493	14	9.720 408	18	0.279 592	9.947 085	4	287	
714	9.667 507	14	9.720 427	19	0.279 573	9.947 081	4	286	
715	9.667 522	15	9.720 445	18	0.279 555	9.947 077	4	285	
716	9.667 536	14	9.720 464	19	0.279 536	9.947 073	4	284	18
717	9.667 551	15	9.720 482	18	0.279 518	9.947 069	4	283	1 1.8
718	9.667 565	14	9.720 500	18	0.279 500	9.947 065	4	282	2 3.6
719	9.667 580	15	9.720 519	19	0.279 481	9.947 061	4	281	3 5.4
		14		18			4		4 7.2
.720	9.667 594		9.720 537		0.279 463	9.947 057		.280	5 9.0
721	9.667 608	14	9.720 556	19	0.279 444	9.947 053	4	279	6 10.8
722	9.667 623	15	9.720 574	18	0.279 426	9.947 049	4	278	7 12.6
723	9.667 637	14	9.720 592	18	0.279 408	9.947 045	4	277	8 14.4
724	9.667 652	15	9.720 611	19	0.279 389	9.947 041	4	276	9 16.2
725	9.667 666	14	9.720 629	18	0.279 371	9.947 037	4	275	
726	9.667 681	15	9.720 648	19	0.279 352	9.947 033	4	274	
727	9.667 695	14	9.720 666	18	0.279 334	9.947 029	4	273	
728	9.667 709	14	9.720 685	19	0.279 315	9.947 025	4	272	15
729	9.667 724	15	9.720 703	18	0.279 297	9.947 021	4	271	1 1.5
		14		18			4		2 3.0
.730	9.667 738		9.720 721		0.279 279	9.947 017		.270	3 4.5
731	9.667 753	15	9.720 740	19	0.279 260	9.947 013	4	269	4 6.0
732	9.667 767	14	9.720 758	18	0.279 242	9.947 009	4	268	5 7.5
733	9.667 782	15	9.720 777	19	0.279 223	9.947 005	4	267	6 9.0
734	9.667 796	14	9.720 795	18	0.279 205	9.947 001	4	266	7 10.5
735	9.667 810	14	9.720 813	18	0.279 187	9.946 997	4	265	8 12.0
736	9.667 825	15	9.720 832	19	0.279 168	9.946 993	4	264	9 13.5
737	9.667 839	14	9.720 850	18	0.279 150	9.946 989	4	263	
738	9.667 854	15	9.720 869	19	0.279 131	9.946 985	4	262	
739	9.667 868	14	9.720 887	18	0.279 113	9.946 981	4	261	
		14		18			4		14
.740	9.667 882		9.720 905		0.279 095	9.946 977		.260	1 1.4
741	9.667 897	15	9.720 924	19	0.279 076	9.946 973	4	259	2 2.8
742	9.667 911	14	9.720 942	18	0.279 058	9.946 969	4	258	3 4.2
743	9.667 926	15	9.720 961	19	0.279 039	9.946 965	4	257	4 5.6
744	9.667 940	14	9.720 979	18	0.279 021	9.946 961	4	256	5 7.0
745	9.667 954	14	9.720 997	18	0.279 003	9.946 957	4	255	6 8.4
746	9.667 969	15	9.721 016	19	0.278 984	9.946 953	4	254	7 9.8
747	9.667 983	14	9.721 034	18	0.278 966	9.946 949	4	253	8 11.2
748	9.667 998	15	9.721 053	19	0.278 947	9.946 945	4	252	9 12.6
749	9.668 012	14	9.721 071	18	0.278 929	9.946 941	4	251	
		15		18			4		
.750	9.668 027		9.721 089		0.278 911	9.946 937		.250	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.300 — 62°.250

27°.750 — 27°.800

27°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.668 027		9.721 089		0.278 911	9.946 937		.250	
751	9.668 041	14	9.721 108	19	0.278 892	9.946 933	4	249	
752	9.668 055	14	9.721 126	18	0.278 874	9.946 929	4	248	
753	9.668 070	15	9.721 144	18	0.278 856	9.946 925	4	247	
754	9.668 084	14	9.721 163	19	0.278 837	9.946 921	4	246	19
755	9.668 099	15	9.721 181	18	0.278 819	9.946 917	4	245	1 1.9
756	9.668 113	14	9.721 200	19	0.278 800	9.946 913	4	244	2 3.8
757	9.668 127	14	9.721 218	18	0.278 782	9.946 909	4	243	3 5.7
758	9.668 142	15	9.721 236	18	0.278 764	9.946 905	4	242	4 7.6
759	9.668 156	14	9.721 255	19	0.278 745	9.946 901	4	241	5 9.5
.760	9.668 171	15	9.721 273	18	0.278 727	9.946 897	4	.240	6 11.4
761	9.668 185	14	9.721 292	19	0.278 708	9.946 893	4	239	7 13.3
762	9.668 199	14	9.721 310	18	0.278 690	9.946 889	4	238	8 15.2
763	9.668 214	15	9.721 328	18	0.278 672	9.946 885	4	237	9 17.1
764	9.668 228	14	9.721 347	19	0.278 653	9.946 881	4	236	
765	9.668 243	15	9.721 365	18	0.278 635	9.946 877	4	235	18
766	9.668 257	14	9.721 384	19	0.278 616	9.946 873	4	234	
767	9.668 271	14	9.721 402	18	0.278 598	9.946 869	4	233	1 1.8
768	9.668 286	15	9.721 420	18	0.278 580	9.946 865	4	232	2 3.6
769	9.668 300	14	9.721 439	19	0.278 561	9.946 861	4	231	3 5.4
.770	9.668 315	15	9.721 457	18	0.278 543	9.946 857	4	.230	4 7.2
771	9.668 329	14	9.721 476	19	0.278 524	9.946 853	4	229	5 9.0
772	9.668 343	14	9.721 494	18	0.278 506	9.946 849	4	228	6 10.8
773	9.668 358	15	9.721 512	18	0.278 488	9.946 845	4	227	7 12.6
774	9.668 372	14	9.721 531	19	0.278 469	9.946 841	4	226	8 14.4
775	9.668 386	14	9.721 549	18	0.278 451	9.946 837	4	225	9 16.2
776	9.668 401	15	9.721 567	18	0.278 433	9.946 833	4	224	
777	9.668 415	14	9.721 586	19	0.278 414	9.946 829	4	223	15
778	9.668 430	15	9.721 604	18	0.278 396	9.946 825	4	222	
779	9.668 444	14	9.721 623	19	0.278 377	9.946 821	4	221	1 1.5
.780	9.668 458	14	9.721 641	18	0.278 359	9.946 817	4	.220	2 3.0
781	9.668 473	15	9.721 659	18	0.278 341	9.946 813	4	219	3 4.5
782	9.668 487	14	9.721 678	19	0.278 322	9.946 810	3	218	4 6.0
783	9.668 502	15	9.721 696	18	0.278 304	9.946 806	4	217	5 7.5
784	9.668 516	14	9.721 714	18	0.278 286	9.946 802	4	216	6 9.0
785	9.668 530	14	9.721 733	19	0.278 267	9.946 798	4	215	7 10.5
786	9.668 545	15	9.721 751	18	0.278 249	9.946 794	4	214	8 12.0
787	9.668 559	14	9.721 770	19	0.278 230	9.946 790	4	213	9 13.5
788	9.668 574	15	9.721 788	18	0.278 212	9.946 786	4	212	
789	9.668 588	14	9.721 806	18	0.278 194	9.946 782	4	211	14
.790	9.668 602	14	9.721 825	19	0.278 175	9.946 778	4	.210	
791	9.668 617	15	9.721 843	18	0.278 157	9.946 774	4	209	1 1.4
792	9.668 631	14	9.721 862	19	0.278 138	9.946 770	4	208	2 2.8
793	9.668 645	14	9.721 880	18	0.278 120	9.946 766	4	207	3 4.2
794	9.668 660	15	9.721 898	18	0.278 102	9.946 762	4	206	4 5.6
795	9.668 674	14	9.721 917	19	0.278 083	9.946 758	4	205	5 7.0
796	9.668 689	15	9.721 935	18	0.278 065	9.946 754	4	204	6 8.4
797	9.668 703	14	9.721 953	18	0.278 047	9.946 750	4	203	7 9.8
798	9.668 717	14	9.721 972	19	0.278 028	9.946 746	4	202	8 11.2
799	9.668 732	15	9.721 990	18	0.278 010	9.946 742	4	201	9 12.6
.800	9.668 746	14	9.722 009	19	0.277 991	9.946 738	4	.200	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.250 — 62°.200

27°.800 — 27°.850

27°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.668 746		9.722 009		0.277 991	9.946 738		.200	
801	9.668 760	14	9.722 027	18	0.277 973	9.946 734	4	199	
802	9.668 775	15	9.722 045	18	0.277 955	9.946 730	4	198	
803	9.668 789	14	9.722 064	19	0.277 936	9.946 726	4	197	
804	9.668 804	15	9.722 082	18	0.277 918	9.946 722	4	196	19
805	9.668 818	14	9.722 100	18	0.277 900	9.946 718	4	195	1 1.9
806	9.668 832	14	9.722 119	19	0.277 881	9.946 714	4	194	2 3.8
807	9.668 847	15	9.722 137	18	0.277 863	9.946 710	4	193	3 5.7
808	9.668 861	14	9.722 155	18	0.277 845	9.946 706	4	192	4 7.6
809	9.668 875	14	9.722 174	19	0.277 826	9.946 702	4	191	5 9.5
.810	9.668 890	15	9.722 192	18	0.277 808	9.946 698	4	.190	6 11.4
811	9.668 904	14	9.722 211	19	0.277 789	9.946 694	4	189	7 13.3
812	9.668 919	15	9.722 229	18	0.277 771	9.946 690	4	188	8 15.2
813	9.668 933	14	9.722 247	18	0.277 753	9.946 686	4	187	9 17.1
814	9.668 947	14	9.722 266	19	0.277 734	9.946 682	4	186	
815	9.668 962	15	9.722 284	18	0.277 716	9.946 678	4	185	18
816	9.668 976	14	9.722 302	18	0.277 698	9.946 674	4	184	
817	9.668 990	14	9.722 321	19	0.277 679	9.946 670	4	183	1 1.8
818	9.669 005	15	9.722 339	18	0.277 661	9.946 666	4	182	2 3.6
819	9.669 019	14	9.722 358	19	0.277 642	9.946 662	4	181	3 5.4
.820	9.669 034	15	9.722 376	18	0.277 624	9.946 658	4	.180	4 7.2
821	9.669 048	14	9.722 394	18	0.277 606	9.946 654	4	179	5 9.0
822	9.669 062	14	9.722 413	19	0.277 587	9.946 650	4	178	6 10.8
823	9.669 077	15	9.722 431	18	0.277 569	9.946 646	4	177	7 12.6
824	9.669 091	14	9.722 449	18	0.277 551	9.946 642	4	176	8 14.4
825	9.669 105	14	9.722 468	19	0.277 532	9.946 638	4	175	9 16.2
826	9.669 120	15	9.722 486	18	0.277 514	9.946 634	4	174	
827	9.669 134	14	9.722 504	18	0.277 496	9.946 630	4	173	15
828	9.669 148	14	9.722 523	19	0.277 477	9.946 626	4	172	
829	9.669 163	15	9.722 541	18	0.277 459	9.946 622	4	171	1 1.5
.830	9.669 177	14	9.722 559	18	0.277 441	9.946 618	4	.170	2 3.0
831	9.669 191	14	9.722 578	19	0.277 422	9.946 614	4	169	3 4.5
832	9.669 206	15	9.722 596	18	0.277 404	9.946 610	4	168	4 6.0
833	9.669 220	14	9.722 615	19	0.277 385	9.946 606	4	167	5 7.5
834	9.669 235	15	9.722 633	18	0.277 367	9.946 602	4	166	6 9.0
835	9.669 249	14	9.722 651	18	0.277 349	9.946 598	4	165	7 10.5
836	9.669 263	14	9.722 670	19	0.277 330	9.946 594	4	164	8 12.0
837	9.669 278	15	9.722 688	18	0.277 312	9.946 590	4	163	9 13.5
838	9.669 292	14	9.722 706	18	0.277 294	9.946 586	4	162	
839	9.669 306	14	9.722 725	19	0.277 275	9.946 582	4	161	14
.840	9.669 321	15	9.722 743	18	0.277 257	9.946 578	4	.160	
841	9.669 335	14	9.722 761	18	0.277 239	9.946 574	4	159	1 1.4
842	9.669 349	14	9.722 780	19	0.277 220	9.946 570	4	158	2 2.8
843	9.669 364	15	9.722 798	18	0.277 202	9.946 566	4	157	3 4.2
844	9.669 378	14	9.722 816	18	0.277 184	9.946 562	4	156	4 5.6
845	9.669 392	14	9.722 835	19	0.277 165	9.946 558	4	155	5 7.0
846	9.669 407	15	9.722 853	18	0.277 147	9.946 554	4	154	6 8.4
847	9.669 421	14	9.722 872	19	0.277 128	9.946 550	4	153	7 9.8
848	9.669 435	14	9.722 890	18	0.277 110	9.946 546	4	152	8 11.2
849	9.669 450	15	9.722 908	18	0.277 092	9.946 542	4	151	9 12.6
.850	9.669 464	14	9.722 927	19	0.277 073	9.946 538	4	.150	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.200 — 62°.150

27°.850 — 27°.900

27°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.669 464		9.722 927		0.277 073	9.946 538		.150	
851	9.669 479	15	9.722 945	18	0.277 055	9.946 534	4	149	
852	9.669 493	14	9.722 963	18	0.277 037	9.946 530	4	148	
853	9.669 507	14	9.722 982	19	0.277 018	9.946 526	4	147	
		15		18			4		19
854	9.669 522		9.723 000		0.277 000	9.946 522		146	
855	9.669 536	14	9.723 018	18	0.276 982	9.946 518	4	145	1 1.9
856	9.669 550	14	9.723 037	19	0.276 963	9.946 514	4	144	2 3.8
		15		18			4		3 5.7
857	9.669 565		9.723 055		0.276 945	9.946 510		143	4 7.6
858	9.669 579	14	9.723 073	18	0.276 927	9.946 506	4	142	5 9.5
859	9.669 593	14	9.723 092	19	0.276 908	9.946 502	4	141	6 11.4
		15		18			4		7 13.3
.860	9.669 608		9.723 110		0.276 890	9.946 498		.140	8 15.2
		14		18			5		9 17.1
861	9.669 622		9.723 128		0.276 872	9.946 493		139	
862	9.669 636	14	9.723 147	19	0.276 853	9.946 489	4	138	
863	9.669 651	15	9.723 165	18	0.276 835	9.946 485	4	137	
		14		18			4		18
864	9.669 665		9.723 183		0.276 817	9.946 481		136	
865	9.669 679	14	9.723 202	19	0.276 798	9.946 477	4	135	
866	9.669 694	15	9.723 220	18	0.276 780	9.946 473	4	134	
		14		19			4		1 1.8
867	9.669 708		9.723 239		0.276 761	9.946 469		133	2 3.6
868	9.669 722	14	9.723 257	18	0.276 743	9.946 465	4	132	3 5.4
869	9.669 737	15	9.723 275	18	0.276 725	9.946 461	4	131	4 7.2
		14		19			4		5 9.0
.870	9.669 751		9.723 294		0.276 706	9.946 457		.130	6 10.8
		14		18			4		7 12.6
871	9.669 765		9.723 312		0.276 688	9.946 453		129	8 14.4
872	9.669 780	15	9.723 330	18	0.276 670	9.946 449	4	128	9 16.2
873	9.669 794	14	9.723 349	19	0.276 651	9.946 445	4	127	
		14		18			4		
874	9.669 808		9.723 367		0.276 633	9.946 441		126	
875	9.669 823	15	9.723 385	18	0.276 615	9.946 437	4	125	
876	9.669 837	14	9.723 404	19	0.276 596	9.946 433	4	124	
		14		18			4		
877	9.669 851		9.723 422		0.276 578	9.946 429		123	15
878	9.669 866	15	9.723 440	18	0.276 560	9.946 425	4	122	
879	9.669 880	14	9.723 459	19	0.276 541	9.946 421	4	121	
		14		18			4		
.880	9.669 894		9.723 477		0.276 523	9.946 417		.120	
		15		18			4		
881	9.669 909		9.723 495		0.276 505	9.946 413		119	
882	9.669 923	14	9.723 514	19	0.276 486	9.946 409	4	118	
883	9.669 937	14	9.723 532	18	0.276 468	9.946 405	4	117	
		15		18			4		
884	9.669 952		9.723 550		0.276 450	9.946 401		116	
885	9.669 966	14	9.723 569	19	0.276 431	9.946 397	4	115	
886	9.669 980	14	9.723 587	18	0.276 413	9.946 393	4	114	
		15		18			4		
887	9.669 995		9.723 605		0.276 395	9.946 389		113	
888	9.670 009	14	9.723 624	19	0.276 376	9.946 385	4	112	
889	9.670 023	14	9.723 642	18	0.276 358	9.946 381	4	111	
		15		18			4		14
.890	9.670 038		9.723 660		0.276 340	9.946 377		.110	
		14		19			4		
891	9.670 052		9.723 679		0.276 321	9.946 373		109	1 1.4
892	9.670 066	14	9.723 697	18	0.276 303	9.946 369	4	108	2 2.8
893	9.670 080	14	9.723 715	18	0.276 285	9.946 365	4	107	3 4.2
		15		19			4		4 5.6
894	9.670 095		9.723 734		0.276 266	9.946 361		106	5 7.0
895	9.670 109	14	9.723 752	18	0.276 248	9.946 357	4	105	6 8.4
896	9.670 123	14	9.723 770	18	0.276 230	9.946 353	4	104	7 9.8
		15		19			4		8 11.2
897	9.670 138		9.723 789		0.276 211	9.946 349		103	9 12.6
898	9.670 152	14	9.723 807	18	0.276 193	9.946 345	4	102	
899	9.670 166	14	9.723 825	18	0.276 175	9.946 341	4	101	
		15		19			4		
.900	9.670 181		9.723 844		0.276 156	9.946 337		.100	
		15		19			4		
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.150 — 62°.100

27°.900 — 27°.950

27°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.670 181		9.723 844		0.276 156	9.946 337		.100	
901	9.670 195	14	9.723 862	18	0.276 138	9.946 333	4	099	
902	9.670 209	14	9.723 880	18	0.276 120	9.946 329	4	098	
903	9.670 224	15	9.723 899	19	0.276 101	9.946 325	4	097	
904	9.670 238	14	9.723 917	18	0.276 083	9.946 321	4	096	19
905	9.670 252	14	9.723 935	18	0.276 065	9.946 317	4	095	1 1.9
906	9.670 267	15	9.723 954	19	0.276 046	9.946 313	4	094	2 3.8
907	9.670 281	14	9.723 972	18	0.276 028	9.946 309	4	093	3 5.7
908	9.670 295	14	9.723 990	18	0.276 010	9.946 305	4	092	4 7.6
909	9.670 310	15	9.724 009	19	0.275 991	9.946 301	4	091	5 9.5
.910	9.670 324	14	9.724 027	18	0.275 973	9.946 297	4	.090	6 11.4
911	9.670 338	14	9.724 045	18	0.275 955	9.946 293	4	089	7 13.3
912	9.670 352	14	9.724 064	19	0.275 936	9.946 289	4	088	8 15.2
913	9.670 367	15	9.724 082	18	0.275 918	9.946 285	4	087	9 17.1
914	9.670 381	14	9.724 100	18	0.275 900	9.946 281	4	086	
915	9.670 395	14	9.724 118	18	0.275 882	9.946 277	4	085	
916	9.670 410	15	9.724 137	19	0.275 863	9.946 273	4	084	18
917	9.670 424	14	9.724 155	18	0.275 845	9.946 269	4	083	1 1.8
918	9.670 438	14	9.724 173	18	0.275 827	9.946 265	4	082	2 3.6
919	9.670 453	15	9.724 192	19	0.275 808	9.946 261	4	081	3 5.4
.920	9.670 467	14	9.724 210	18	0.275 790	9.946 257	4	.080	4 7.2
921	9.670 481	14	9.724 228	18	0.275 772	9.946 253	4	079	5 9.0
922	9.670 496	15	9.724 247	19	0.275 753	9.946 249	4	078	6 10.8
923	9.670 510	14	9.724 265	18	0.275 735	9.946 245	4	077	7 12.6
924	9.670 524	14	9.724 283	18	0.275 717	9.946 241	4	076	8 14.4
925	9.670 538	14	9.724 302	19	0.275 698	9.946 237	4	075	9 16.2
926	9.670 553	15	9.724 320	18	0.275 680	9.946 233	4	074	
927	9.670 567	14	9.724 338	18	0.275 662	9.946 229	4	073	
928	9.670 581	14	9.724 357	19	0.275 643	9.946 225	4	072	15
929	9.670 596	15	9.724 375	18	0.275 625	9.946 221	4	071	1 1.5
.930	9.670 610	14	9.724 393	18	0.275 607	9.946 217	4	.070	2 3.0
931	9.670 624	14	9.724 412	19	0.275 588	9.946 213	4	069	3 4.5
932	9.670 639	15	9.724 430	18	0.275 570	9.946 209	4	068	4 6.0
933	9.670 653	14	9.724 448	18	0.275 552	9.946 205	4	067	5 7.5
934	9.670 667	14	9.724 467	19	0.275 533	9.946 201	4	066	6 9.0
935	9.670 681	14	9.724 485	18	0.275 515	9.946 197	4	065	7 10.5
936	9.670 696	15	9.724 503	18	0.275 497	9.946 193	4	064	8 12.0
937	9.670 710	14	9.724 521	18	0.275 479	9.946 188	5	063	9 13.5
938	9.670 724	14	9.724 540	19	0.275 460	9.946 184	4	062	
939	9.670 739	15	9.724 558	18	0.275 442	9.946 180	4	061	
.940	9.670 753	14	9.724 576	18	0.275 424	9.946 176	4	.060	14
941	9.670 767	14	9.724 595	19	0.275 405	9.946 172	4	059	1 1.4
942	9.670 781	14	9.724 613	18	0.275 387	9.946 168	4	058	2 2.8
943	9.670 796	15	9.724 631	18	0.275 369	9.946 164	4	057	3 4.2
944	9.670 810	14	9.724 650	19	0.275 350	9.946 160	4	056	4 5.6
945	9.670 824	14	9.724 668	18	0.275 332	9.946 156	4	055	5 7.0
946	9.670 839	15	9.724 686	18	0.275 314	9.946 152	4	054	6 8.4
947	9.670 853	14	9.724 705	19	0.275 295	9.946 148	4	053	7 9.8
948	9.670 867	14	9.724 723	18	0.275 277	9.946 144	4	052	8 11.2
949	9.670 881	14	9.724 741	18	0.275 259	9.946 140	4	051	9 12.6
.950	9.670 896	15	9.724 760	19	0.275 240	9.946 136	4	.050	
	cos	d	cotg	d	tang	sin	d	62°	P.P.

62°.100 — 62°.050

27°.950 — 28°.000

27°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.670 896		9.724 760		0.275 240	9.946 136		.050	
951	9.670 910	14	9.724 778	18	0.275 222	9.946 132	4	049	
952	9.670 924	14	9.724 796	18	0.275 204	9.946 128	4	048	
953	9.670 939	15	9.724 814	18	0.275 186	9.946 124	4	047	
		14		19			4		19
954	9.670 953	14	9.724 833	18	0.275 167	9.946 120	4	046	
955	9.670 967	14	9.724 851	18	0.275 149	9.946 116	4	045	1 1.9
956	9.670 981	14	9.724 869	18	0.275 131	9.946 112	4	044	2 3.8
		15		19			4		3 5.7
957	9.670 996	14	9.724 888	18	0.275 112	9.946 108	4	043	4 7.6
958	9.671 010	14	9.724 906	18	0.275 094	9.946 104	4	042	5 9.5
959	9.671 024	14	9.724 924	18	0.275 076	9.946 100	4	041	6 11.4
		15		19			4		7 13.3
.960	9.671 039	14	9.724 943	18	0.275 057	9.946 096	4	.040	8 15.2
		14		18			4		9 17.1
961	9.671 053	14	9.724 961	18	0.275 039	9.946 092	4	039	
962	9.671 067	14	9.724 979	18	0.275 021	9.946 088	4	038	
963	9.671 081	14	9.724 997	18	0.275 003	9.946 084	4	037	
		15		19			4		
964	9.671 096	14	9.725 016	18	0.274 984	9.946 080	4	036	
965	9.671 110	14	9.725 034	18	0.274 966	9.946 076	4	035	
966	9.671 124	14	9.725 052	18	0.274 948	9.946 072	4	034	18
		15		19			4		
967	9.671 139	14	9.725 071	18	0.274 929	9.946 068	4	033	1 1.8
968	9.671 153	14	9.725 089	18	0.274 911	9.946 064	4	032	2 3.6
969	9.671 167	14	9.725 107	18	0.274 893	9.946 060	4	031	3 5.4
		14		19			4		4 7.2
.970	9.671 181	15	9.725 126	18	0.274 874	9.946 056	4	.030	5 9.0
		15		18			4		6 10.8
971	9.671 196	14	9.725 144	18	0.274 856	9.946 052	4	029	7 12.6
972	9.671 210	14	9.725 162	18	0.274 838	9.946 048	4	028	8 14.4
973	9.671 224	14	9.725 180	18	0.274 820	9.946 044	4	027	9 16.2
		14		19			4		
974	9.671 238	15	9.725 199	18	0.274 801	9.946 040	4	026	
975	9.671 253	14	9.725 217	18	0.274 783	9.946 036	4	025	
976	9.671 267	14	9.725 235	18	0.274 765	9.946 032	4	024	
		14		19			4		
977	9.671 281	15	9.725 254	18	0.274 746	9.946 028	4	023	15
978	9.671 296	14	9.725 272	18	0.274 728	9.946 024	4	022	
979	9.671 310	14	9.725 290	18	0.274 710	9.946 020	4	021	
		14		19			5		
.980	9.671 324	14	9.725 309	18	0.274 691	9.946 015	4	.020	
		14		18			4		
981	9.671 338	15	9.725 327	18	0.274 673	9.946 011	4	019	
982	9.671 353	14	9.725 345	18	0.274 655	9.946 007	4	018	
983	9.671 367	14	9.725 363	18	0.274 637	9.946 003	4	017	
		14		19			4		
984	9.671 381	14	9.725 382	18	0.274 618	9.945 999	4	016	
985	9.671 395	14	9.725 400	18	0.274 600	9.945 995	4	015	
986	9.671 410	15	9.725 418	18	0.274 582	9.945 991	4	014	
		14		19			4		
987	9.671 424	14	9.725 437	18	0.274 563	9.945 987	4	013	
988	9.671 438	14	9.725 455	18	0.274 545	9.945 983	4	012	
989	9.671 452	14	9.725 473	18	0.274 527	9.945 979	4	011	
		15		18			4		14
.990	9.671 467	14	9.725 491	19	0.274 509	9.945 975	4	.010	
		14		18			4		
991	9.671 481	14	9.725 510	18	0.274 490	9.945 971	4	009	1 1.4
992	9.671 495	14	9.725 528	18	0.274 472	9.945 967	4	008	2 2.8
993	9.671 509	14	9.725 546	18	0.274 454	9.945 963	4	007	3 4.2
		15		19			4		4 5.6
994	9.671 524	14	9.725 565	18	0.274 435	9.945 959	4	006	5 7.0
995	9.671 538	14	9.725 583	18	0.274 417	9.945 955	4	005	6 8.4
996	9.671 552	14	9.725 601	18	0.274 399	9.945 951	4	004	7 9.8
		15		19			4		8 11.2
997	9.671 567	14	9.725 620	18	0.274 380	9.945 947	4	003	9 12.6
998	9.671 581	14	9.725 638	18	0.274 362	9.945 943	4	002	
999	9.671 595	14	9.725 656	18	0.274 344	9.945 939	4	001	
		14		18			4		
*.000	9.671 609	14	9.725 674	19	0.274 326	9.945 935	4	.000	
		14		18			4		
	cos	d	cotg	d	tang	sin	d	62°	P.P.

28°.000 — 28°.050

28°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.671 609		9.725 674		0.274 326	9.945 935		*.000	
001	9.671 624	15	9.725 693	19	0.274 307	9.945 931	4	999	
002	9.671 638	14	9.725 711	18	0.274 289	9.945 927	4	998	
003	9.671 652	14	9.725 729	18	0.274 271	9.945 923	4	997	
004	9.671 666	14	9.725 748	19	0.274 252	9.945 919	4	996	19
005	9.671 681	15	9.725 766	18	0.274 234	9.945 915	4	995	1 1.9
006	9.671 695	14	9.725 784	18	0.274 216	9.945 911	4	994	2 3.8
007	9.671 709	14	9.725 802	18	0.274 198	9.945 907	4	993	3 5.7
008	9.671 723	14	9.725 821	19	0.274 179	9.945 903	4	992	4 7.6
009	9.671 738	15	9.725 839	18	0.274 161	9.945 899	4	991	5 9.5
									6 11.4
									7 13.3
.010	9.671 752	14	9.725 857	18	0.274 143	9.945 895	4	.990	8 15.2
									9 17.1
011	9.671 766	14	9.725 875	18	0.274 125	9.945 891	4	989	
012	9.671 780	14	9.725 894	19	0.274 106	9.945 887	4	988	
013	9.671 795	15	9.725 912	18	0.274 088	9.945 883	4	987	
014	9.671 809	14	9.725 930	18	0.274 070	9.945 878	5	986	
015	9.671 823	14	9.725 949	19	0.274 051	9.945 874	4	985	
016	9.671 837	14	9.725 967	18	0.274 033	9.945 870	4	984	18
017	9.671 852	15	9.725 985	18	0.274 015	9.945 866	4	983	1 1.8
018	9.671 866	14	9.726 003	18	0.273 997	9.945 862	4	982	2 3.6
019	9.671 880	14	9.726 022	19	0.273 978	9.945 858	4	981	3 5.4
									4 7.2
									5 9.0
.020	9.671 894	14	9.726 040	18	0.273 960	9.945 854	4	.980	6 10.8
									7 12.6
021	9.671 909	15	9.726 058	18	0.273 942	9.945 850	4	979	8 14.4
022	9.671 923	14	9.726 077	19	0.273 923	9.945 846	4	978	9 16.2
023	9.671 937	14	9.726 095	18	0.273 905	9.945 842	4	977	
024	9.671 951	14	9.726 113	18	0.273 887	9.945 838	4	976	
025	9.671 965	14	9.726 131	18	0.273 869	9.945 834	4	975	
026	9.671 980	15	9.726 150	19	0.273 850	9.945 830	4	974	
027	9.671 994	14	9.726 168	18	0.273 832	9.945 826	4	973	
028	9.672 008	14	9.726 186	18	0.273 814	9.945 822	4	972	15
029	9.672 022	14	9.726 204	18	0.273 796	9.945 818	4	971	1 1.5
									2 3.0
									3 4.5
.030	9.672 037	15	9.726 223	19	0.273 777	9.945 814	4	.970	4 6.0
									5 7.5
031	9.672 051	14	9.726 241	18	0.273 759	9.945 810	4	969	6 9.0
032	9.672 065	14	9.726 259	18	0.273 741	9.945 806	4	968	7 10.5
033	9.672 079	14	9.726 278	19	0.273 722	9.945 802	4	967	8 12.0
034	9.672 094	15	9.726 296	18	0.273 704	9.945 798	4	966	9 13.5
035	9.672 108	14	9.726 314	18	0.273 686	9.945 794	4	965	
036	9.672 122	14	9.726 332	18	0.273 668	9.945 790	4	964	
037	9.672 136	14	9.726 351	19	0.273 649	9.945 786	4	963	
038	9.672 151	15	9.726 369	18	0.273 631	9.945 782	4	962	
039	9.672 165	14	9.726 387	18	0.273 613	9.945 778	4	961	
									14
.040	9.672 179	14	9.726 405	18	0.273 595	9.945 774	4	.960	1 1.4
									2 2.8
041	9.672 193	14	9.726 424	19	0.273 576	9.945 770	4	959	3 4.2
042	9.672 207	14	9.726 442	18	0.273 558	9.945 766	4	958	4 5.6
043	9.672 222	15	9.726 460	18	0.273 540	9.945 761	5	957	5 7.0
044	9.672 236	14	9.726 479	19	0.273 521	9.945 757	4	956	6 8.4
045	9.672 250	14	9.726 497	18	0.273 503	9.945 753	4	955	7 9.8
046	9.672 264	14	9.726 515	18	0.273 485	9.945 749	4	954	8 11.2
047	9.672 279	15	9.726 533	18	0.273 467	9.945 745	4	953	9 12.6
048	9.672 293	14	9.726 552	19	0.273 448	9.945 741	4	952	
049	9.672 307	14	9.726 570	18	0.273 430	9.945 737	4	951	
.050	9.672 321	14	9.726 588	18	0.273 412	9.945 733	4	.950	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

28°.050 — 28°.100

28°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.672 321		9.726 588		0.273 412	9.945 733		.950	
051	9.672 336	15	9.726 606	18	0.273 394	9.945 729	4	949	
052	9.672 350	14	9.726 625	19	0.273 375	9.945 725	4	948	
053	9.672 364	14	9.726 643	18	0.273 357	9.945 721	4	947	
054	9.672 378	14	9.726 661	18	0.273 339	9.945 717	4	946	19
055	9.672 392	14	9.726 679	18	0.273 321	9.945 713	4	945	1 1.9
056	9.672 407	15	9.726 698	19	0.273 302	9.945 709	4	944	2 3.8
057	9.672 421	14	9.726 716	18	0.273 284	9.945 705	4	943	3 5.7
058	9.672 435	14	9.726 734	18	0.273 266	9.945 701	4	942	4 7.6
059	9.672 449	14	9.726 752	18	0.273 248	9.945 697	4	941	5 9.5
.060	9.672 464	15	9.726 771	19	0.273 229	9.945 693	4	.940	6 11.4
061	9.672 478	14	9.726 789	18	0.273 211	9.945 689	4	939	7 13.3
062	9.672 492	14	9.726 807	18	0.273 193	9.945 685	4	938	8 15.2
063	9.672 506	14	9.726 826	19	0.273 174	9.945 681	4	937	9 17.1
064	9.672 520	14	9.726 844	18	0.273 156	9.945 677	4	936	
065	9.672 535	15	9.726 862	18	0.273 138	9.945 673	4	935	18
066	9.672 549	14	9.726 880	18	0.273 120	9.945 669	4	934	
067	9.672 563	14	9.726 899	19	0.273 101	9.945 665	4	933	1 1.8
068	9.672 577	14	9.726 917	18	0.273 083	9.945 660	5	932	2 3.6
069	9.672 592	15	9.726 935	18	0.273 065	9.945 656	4	931	3 5.4
.070	9.672 606	14	9.726 953	18	0.273 047	9.945 652	4	.930	4 7.2
071	9.672 620	14	9.726 972	19	0.273 028	9.945 648	4	929	5 9.0
072	9.672 634	14	9.726 990	18	0.273 010	9.945 644	4	928	6 10.8
073	9.672 648	14	9.727 008	18	0.272 992	9.945 640	4	927	7 12.6
074	9.672 663	15	9.727 026	18	0.272 974	9.945 636	4	926	8 14.4
075	9.672 677	14	9.727 045	19	0.272 955	9.945 632	4	925	9 16.2
076	9.672 691	14	9.727 063	18	0.272 937	9.945 628	4	924	
077	9.672 705	14	9.727 081	18	0.272 919	9.945 624	4	923	15
078	9.672 719	14	9.727 099	18	0.272 901	9.945 620	4	922	
079	9.672 734	15	9.727 118	19	0.272 882	9.945 616	4	921	1 1.5
.080	9.672 748	14	9.727 136	18	0.272 864	9.945 612	4	.920	2 3.0
081	9.672 762	14	9.727 154	18	0.272 846	9.945 608	4	919	3 4.5
082	9.672 776	14	9.727 172	18	0.272 828	9.945 604	4	918	4 6.0
083	9.672 790	14	9.727 191	19	0.272 809	9.945 600	4	917	5 7.5
084	9.672 805	15	9.727 209	18	0.272 791	9.945 596	4	916	6 9.0
085	9.672 819	14	9.727 227	18	0.272 773	9.945 592	4	915	7 10.5
086	9.672 833	14	9.727 245	18	0.272 755	9.945 588	4	914	8 12.0
087	9.672 847	14	9.727 264	19	0.272 736	9.945 584	4	913	9 13.5
088	9.672 861	14	9.727 282	18	0.272 718	9.945 580	4	912	
089	9.672 876	15	9.727 300	18	0.272 700	9.945 576	4	911	14
.090	9.672 890	14	9.727 318	18	0.272 682	9.945 572	4	.910	
091	9.672 904	14	9.727 337	19	0.272 663	9.945 567	5	909	1 1.4
092	9.672 918	14	9.727 355	18	0.272 645	9.945 563	4	908	2 2.8
093	9.672 932	14	9.727 373	18	0.272 627	9.945 559	4	907	3 4.2
094	9.672 947	15	9.727 391	18	0.272 609	9.945 555	4	906	4 5.6
095	9.672 961	14	9.727 410	19	0.272 590	9.945 551	4	905	5 7.0
096	9.672 975	14	9.727 428	18	0.272 572	9.945 547	4	904	6 8.4
097	9.672 989	14	9.727 446	18	0.272 554	9.945 543	4	903	7 9.8
098	9.673 003	14	9.727 464	18	0.272 536	9.945 539	4	902	8 11.2
099	9.673 018	15	9.727 483	19	0.272 517	9.945 535	4	901	9 12.6
.100	9.673 032	14	9.727 501	18	0.272 499	9.945 531	4	.900	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.950 — 61°.900

28°.100 — 28°.150

28°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.673 032		9.727 501		0.272 499	9.945 531		.900	
101	9.673 046	14	9.727 519	18	0.272 481	9.945 527	4	899	
102	9.673 060	14	9.727 537	18	0.272 463	9.945 523	4	898	
103	9.673 074	14	9.727 556	19	0.272 444	9.945 519	4	897	
104	9.673 089	15	9.727 574	18	0.272 426	9.945 515	4	896	19
105	9.673 103	14	9.727 592	18	0.272 408	9.945 511	4	895	1 1.9
106	9.673 117	14	9.727 610	18	0.272 390	9.945 507	4	894	2 3.8
107	9.673 131	14	9.727 629	19	0.272 371	9.945 503	4	893	3 5.7
108	9.673 145	14	9.727 647	18	0.272 353	9.945 499	4	892	4 7.6
109	9.673 160	15	9.727 665	18	0.272 335	9.945 495	4	891	5 9.5
.110	9.673 174	14	9.727 683	18	0.272 317	9.945 491	4	.890	6 11.4
111	9.673 188	14	9.727 701	18	0.272 299	9.945 487	4	889	7 13.3
112	9.673 202	14	9.727 720	19	0.272 280	9.945 482	5	888	8 15.2
113	9.673 216	14	9.727 738	18	0.272 262	9.945 478	4	887	9 17.1
114	9.673 231	15	9.727 756	18	0.272 244	9.945 474	4	886	
115	9.673 245	14	9.727 774	18	0.272 226	9.945 470	4	885	18
116	9.673 259	14	9.727 793	19	0.272 207	9.945 466	4	884	
117	9.673 273	14	9.727 811	18	0.272 189	9.945 462	4	883	1 1.8
118	9.673 287	14	9.727 829	18	0.272 171	9.945 458	4	882	2 3.6
119	9.673 301	14	9.727 847	18	0.272 153	9.945 454	4	881	3 5.4
.120	9.673 316	15	9.727 866	19	0.272 134	9.945 450	4	.880	4 7.2
121	9.673 330	14	9.727 884	18	0.272 116	9.945 446	4	879	5 9.0
122	9.673 344	14	9.727 902	18	0.272 098	9.945 442	4	878	6 10.8
123	9.673 358	14	9.727 920	18	0.272 080	9.945 438	4	877	7 12.6
124	9.673 372	14	9.727 939	19	0.272 061	9.945 434	4	876	8 14.4
125	9.673 387	15	9.727 957	18	0.272 043	9.945 430	4	875	9 16.2
126	9.673 401	14	9.727 975	18	0.272 025	9.945 426	4	874	
127	9.673 415	14	9.727 993	18	0.272 007	9.945 422	4	873	15
128	9.673 429	14	9.728 011	18	0.271 989	9.945 418	4	872	
129	9.673 443	14	9.728 030	19	0.271 970	9.945 414	4	871	1 1.5
.130	9.673 457	14	9.728 048	18	0.271 952	9.945 410	4	.870	2 3.0
131	9.673 472	15	9.728 066	18	0.271 934	9.945 406	4	869	3 4.5
132	9.673 486	14	9.728 084	18	0.271 916	9.945 401	5	868	4 6.0
133	9.673 500	14	9.728 103	19	0.271 897	9.945 397	4	867	5 7.5
134	9.673 514	14	9.728 121	18	0.271 879	9.945 393	4	866	6 9.0
135	9.673 528	14	9.728 139	18	0.271 861	9.945 389	4	865	7 10.5
136	9.673 543	15	9.728 157	18	0.271 843	9.945 385	4	864	8 12.0
137	9.673 557	14	9.728 176	19	0.271 824	9.945 381	4	863	9 13.5
138	9.673 571	14	9.728 194	18	0.271 806	9.945 377	4	862	
139	9.673 585	14	9.728 212	18	0.271 788	9.945 373	4	861	14
.140	9.673 599	14	9.728 230	18	0.271 770	9.945 369	4	.860	
141	9.673 613	14	9.728 248	18	0.271 752	9.945 365	4	859	1 1.4
142	9.673 628	15	9.728 267	19	0.271 733	9.945 361	4	858	2 2.8
143	9.673 642	14	9.728 285	18	0.271 715	9.945 357	4	857	3 4.2
144	9.673 656	14	9.728 303	18	0.271 697	9.945 353	4	856	4 5.6
145	9.673 670	14	9.728 321	18	0.271 679	9.945 349	4	855	5 7.0
146	9.673 684	14	9.728 340	19	0.271 660	9.945 345	4	854	6 8.4
147	9.673 698	14	9.728 358	18	0.271 642	9.945 341	4	853	7 9.8
148	9.673 713	15	9.728 376	18	0.271 624	9.945 337	4	852	8 11.2
149	9.673 727	14	9.728 394	18	0.271 606	9.945 333	4	851	9 12.6
.150	9.673 741	14	9.728 412	18	0.271 588	9.945 328	5	.850	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.900 — 61°.850

28°.150 — 28°.200

28°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.673 741		9.728 412		0.271 588	9.945 328		.850	
151	9.673 755	14	9.728 431	19	0.271 569	9.945 324	4	849	
152	9.673 769	14	9.728 449	18	0.271 551	9.945 320	4	848	
153	9.673 783	14	9.728 467	18	0.271 533	9.945 316	4	847	
154	9.673 798	15	9.728 485	18	0.271 515	9.945 312	4	846	19
155	9.673 812	14	9.728 504	19	0.271 496	9.945 308	4	845	1 1.9
156	9.673 826	14	9.728 522	18	0.271 478	9.945 304	4	844	2 3.8
157	9.673 840	14	9.728 540	18	0.271 460	9.945 300	4	843	3 5.7
158	9.673 854	14	9.728 558	18	0.271 442	9.945 296	4	842	4 7.6
159	9.673 868	14	9.728 576	18	0.271 424	9.945 292	4	841	5 9.5
.160	9.673 883	15	9.728 595	19	0.271 405	9.945 288	4	.840	6 11.4
161	9.673 897	14	9.728 613	18	0.271 387	9.945 284	4	839	7 13.3
162	9.673 911	14	9.728 631	18	0.271 369	9.945 280	4	838	8 15.2
163	9.673 925	14	9.728 649	18	0.271 351	9.945 276	4	837	9 17.1
164	9.673 939	14	9.728 668	19	0.271 332	9.945 272	4	836	
165	9.673 953	14	9.728 686	18	0.271 314	9.945 268	4	835	18
166	9.673 967	14	9.728 704	18	0.271 296	9.945 264	4	834	
167	9.673 982	15	9.728 722	18	0.271 278	9.945 260	4	833	1 1.8
168	9.673 996	14	9.728 740	18	0.271 260	9.945 255	5	832	2 3.6
169	9.674 010	14	9.728 759	19	0.271 241	9.945 251	4	831	3 5.4
.170	9.674 024	14	9.728 777	18	0.271 223	9.945 247	4	.830	4 7.2
171	9.674 038	14	9.728 795	18	0.271 205	9.945 243	4	829	5 9.0
172	9.674 052	14	9.728 813	18	0.271 187	9.945 239	4	828	6 10.8
173	9.674 067	15	9.728 831	18	0.271 169	9.945 235	4	827	7 12.6
174	9.674 081	14	9.728 850	19	0.271 150	9.945 231	4	826	8 14.4
175	9.674 095	14	9.728 868	18	0.271 132	9.945 227	4	825	9 16.2
176	9.674 109	14	9.728 886	18	0.271 114	9.945 223	4	824	
177	9.674 123	14	9.728 904	18	0.271 096	9.945 219	4	823	15
178	9.674 137	14	9.728 922	18	0.271 078	9.945 215	4	822	
179	9.674 151	14	9.728 941	19	0.271 059	9.945 211	4	821	1 1.5
.180	9.674 166	15	9.728 959	18	0.271 041	9.945 207	4	.820	2 3.0
181	9.674 180	14	9.728 977	18	0.271 023	9.945 203	4	819	3 4.5
182	9.674 194	14	9.728 995	18	0.271 005	9.945 199	4	818	4 6.0
183	9.674 208	14	9.729 014	19	0.270 986	9.945 195	4	817	5 7.5
184	9.674 222	14	9.729 032	18	0.270 968	9.945 190	5	816	6 9.0
185	9.674 236	14	9.729 050	18	0.270 950	9.945 186	4	815	7 10.5
186	9.674 251	15	9.729 068	18	0.270 932	9.945 182	4	814	8 12.0
187	9.674 265	14	9.729 086	18	0.270 914	9.945 178	4	813	9 13.5
188	9.674 279	14	9.729 105	19	0.270 895	9.945 174	4	812	
189	9.674 293	14	9.729 123	18	0.270 877	9.945 170	4	811	14
.190	9.674 307	14	9.729 141	18	0.270 859	9.945 166	4	.810	1 1.4
191	9.674 321	14	9.729 159	18	0.270 841	9.945 162	4	809	2 2.8
192	9.674 335	14	9.729 177	18	0.270 823	9.945 158	4	808	3 4.2
193	9.674 350	15	9.729 196	19	0.270 804	9.945 154	4	807	4 5.6
194	9.674 364	14	9.729 214	18	0.270 786	9.945 150	4	806	5 7.0
195	9.674 378	14	9.729 232	18	0.270 768	9.945 146	4	805	6 8.4
196	9.674 392	14	9.729 250	18	0.270 750	9.945 142	4	804	7 9.8
197	9.674 406	14	9.729 268	18	0.270 732	9.945 138	4	803	8 11.2
198	9.674 420	14	9.729 287	19	0.270 713	9.945 134	4	802	9 12.6
199	9.674 434	14	9.729 305	18	0.270 695	9.945 130	4	801	
.200	9.674 448	14	9.729 323	18	0.270 677	9.945 125	5	.800	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.850 — 61°.800

28°.200 — 28°.250

28°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.674 448		9.729 323		0.270 677	9.945 125		.800	
201	9.674 463	15	9.729 341	18	0.270 659	9.945 121	4	799	
202	9.674 477	14	9.729 359	18	0.270 641	9.945 117	4	798	
203	9.674 491	14	9.729 378	19	0.270 622	9.945 113	4	797	
		14		18			4		19
204	9.674 505	14	9.729 396	18	0.270 604	9.945 109	4	796	
205	9.674 519	14	9.729 414	18	0.270 586	9.945 105	4	795	1 1.9
206	9.674 533	14	9.729 432	18	0.270 568	9.945 101	4	794	2 3.8
		14		18			4		3 5.7
207	9.674 547	15	9.729 450	19	0.270 550	9.945 097	4	793	4 7.6
208	9.674 562	14	9.729 469	18	0.270 531	9.945 093	4	792	5 9.5
209	9.674 576	14	9.729 487	18	0.270 513	9.945 089	4	791	6 11.4
		14		18			4		7 13.3
.210	9.674 590	14	9.729 505	18	0.270 495	9.945 085	4	.790	8 15.2
		14		18			4		9 17.1
211	9.674 604	14	9.729 523	18	0.270 477	9.945 081	4	789	
212	9.674 618	14	9.729 541	18	0.270 459	9.945 077	4	788	
213	9.674 632	14	9.729 560	19	0.270 440	9.945 073	4	787	
		14		18			4		18
214	9.674 646	14	9.729 578	18	0.270 422	9.945 069	4	786	
215	9.674 660	14	9.729 596	18	0.270 404	9.945 064	5	785	
216	9.674 675	15	9.729 614	18	0.270 386	9.945 060	4	784	
		14		18			4		1 1.8
217	9.674 689	14	9.729 632	19	0.270 368	9.945 056	4	783	2 3.6
218	9.674 703	14	9.729 651	18	0.270 349	9.945 052	4	782	3 5.4
219	9.674 717	14	9.729 669	18	0.270 331	9.945 048	4	781	4 7.2
		14		18			4		5 9.0
.220	9.674 731	14	9.729 687	18	0.270 313	9.945 044	4	.780	6 10.8
		14		18			4		7 12.6
221	9.674 745	14	9.729 705	18	0.270 295	9.945 040	4	779	8 14.4
222	9.674 759	14	9.729 723	19	0.270 277	9.945 036	4	778	9 16.2
223	9.674 773	14	9.729 742	18	0.270 258	9.945 032	4	777	
		15		18			4		15
224	9.674 788	14	9.729 760	18	0.270 240	9.945 028	4	776	
225	9.674 802	14	9.729 778	18	0.270 222	9.945 024	4	775	
226	9.674 816	14	9.729 796	18	0.270 204	9.945 020	4	774	
		14		18			4		
227	9.674 830	14	9.729 814	18	0.270 186	9.945 016	4	773	
228	9.674 844	14	9.729 832	18	0.270 168	9.945 012	4	772	
229	9.674 858	14	9.729 851	19	0.270 149	9.945 008	4	771	
		14		18			5		
.230	9.674 872	14	9.729 869	18	0.270 131	9.945 003	4	.770	
		14		18			4		
231	9.674 886	15	9.729 887	18	0.270 113	9.944 999	4	769	
232	9.674 901	14	9.729 905	18	0.270 095	9.944 995	4	768	
233	9.674 915	14	9.729 923	19	0.270 077	9.944 991	4	767	
		14		18			4		
234	9.674 929	14	9.729 942	18	0.270 058	9.944 987	4	766	
235	9.674 943	14	9.729 960	18	0.270 040	9.944 983	4	765	
236	9.674 957	14	9.729 978	18	0.270 022	9.944 979	4	764	
		14		18			4		
237	9.674 971	14	9.729 996	18	0.270 004	9.944 975	4	763	
238	9.674 985	14	9.730 014	19	0.269 986	9.944 971	4	762	
239	9.674 999	14	9.730 033	18	0.269 967	9.944 967	4	761	
		14		18			4		14
.240	9.675 013	15	9.730 051	18	0.269 949	9.944 963	4	.760	
		14		18			4		
241	9.675 028	14	9.730 069	18	0.269 931	9.944 959	4	759	
242	9.675 042	14	9.730 087	18	0.269 913	9.944 955	4	758	
243	9.675 056	14	9.730 105	18	0.269 895	9.944 951	4	757	
		14		18			5		
244	9.675 070	14	9.730 123	19	0.269 877	9.944 946	4	756	
245	9.675 084	14	9.730 142	18	0.269 858	9.944 942	4	755	
246	9.675 098	14	9.730 160	18	0.269 840	9.944 938	4	754	
		14		18			4		
247	9.675 112	14	9.730 178	18	0.269 822	9.944 934	4	753	
248	9.675 126	14	9.730 196	18	0.269 804	9.944 930	4	752	
249	9.675 140	14	9.730 214	18	0.269 786	9.944 926	4	751	
		15		19			4		
.250	9.675 155		9.730 233		0.269 767	9.944 922		.750	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.800 — 61°.750

28°.250 — 28°.300

28°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.675 155		9.730 233		0.269 767	9.944 922		.750	
251	9.675 169	14	9.730 251	18	0.269 749	9.944 918	4	749	
252	9.675 183	14	9.730 269	18	0.269 731	9.944 914	4	748	
253	9.675 197	14	9.730 287	18	0.269 713	9.944 910	4	747	
		14		18			4		19
254	9.675 211	14	9.730 305	18	0.269 695	9.944 906	4	746	
255	9.675 225	14	9.730 323	18	0.269 677	9.944 902	4	745	1 1.9
256	9.675 239	14	9.730 342	19	0.269 658	9.944 898	4	744	2 3.8
		14		18			4		3 5.7
257	9.675 253	14	9.730 360	18	0.269 640	9.944 894	4	743	4 7.6
258	9.675 267	14	9.730 378	18	0.269 622	9.944 889	5	742	5 9.5
259	9.675 281	14	9.730 396	18	0.269 604	9.944 885	4	741	6 11.4
		15		18			4		7 13.3
.260	9.675 296	14	9.730 414	18	0.269 586	9.944 881	4	.740	8 15.2
		14		18			4		9 17.1
261	9.675 310	14	9.730 432	19	0.269 568	9.944 877	4	739	
262	9.675 324	14	9.730 451	18	0.269 549	9.944 873	4	738	
263	9.675 338	14	9.730 469	18	0.269 531	9.944 869	4	737	
		14		18			4		
264	9.675 352	14	9.730 487	18	0.269 513	9.944 865	4	736	
265	9.675 366	14	9.730 505	18	0.269 495	9.944 861	4	735	
266	9.675 380	14	9.730 523	18	0.269 477	9.944 857	4	734	18
		14		18			4		
267	9.675 394	14	9.730 541	19	0.269 459	9.944 853	4	733	1 1.8
268	9.675 408	14	9.730 560	18	0.269 440	9.944 849	4	732	2 3.6
269	9.675 422	14	9.730 578	18	0.269 422	9.944 845	4	731	3 5.4
		15		18			4		4 7.2
.270	9.675 437	14	9.730 596	18	0.269 404	9.944 841	4	.730	5 9.0
		14		18			5		6 10.8
271	9.675 451	14	9.730 614	18	0.269 386	9.944 836	4	729	7 12.6
272	9.675 465	14	9.730 632	19	0.269 368	9.944 832	4	728	8 14.4
273	9.675 479	14	9.730 651	18	0.269 349	9.944 828	4	727	9 16.2
		14		18			4		
274	9.675 493	14	9.730 669	18	0.269 331	9.944 824	4	726	
275	9.675 507	14	9.730 687	18	0.269 313	9.944 820	4	725	
276	9.675 521	14	9.730 705	18	0.269 295	9.944 816	4	724	
		14		18			4		
277	9.675 535	14	9.730 723	18	0.269 277	9.944 812	4	723	15
278	9.675 549	14	9.730 741	19	0.269 259	9.944 808	4	722	
279	9.675 563	14	9.730 760	18	0.269 240	9.944 804	4	721	1 1.5
		14		18			4		2 3.0
.280	9.675 577	15	9.730 778	18	0.269 222	9.944 800	4	.720	3 4.5
		14		18			4		4 6.0
281	9.675 592	14	9.730 796	18	0.269 204	9.944 796	4	719	5 7.5
282	9.675 606	14	9.730 814	18	0.269 186	9.944 792	4	718	6 9.0
283	9.675 620	14	9.730 832	18	0.269 168	9.944 788	4	717	7 10.5
		14		18			5		8 12.0
284	9.675 634	14	9.730 850	19	0.269 150	9.944 783	4	716	9 13.5
285	9.675 648	14	9.730 869	18	0.269 131	9.944 779	4	715	
286	9.675 662	14	9.730 887	18	0.269 113	9.944 775	4	714	
		14		18			4		
287	9.675 676	14	9.730 905	18	0.269 095	9.944 771	4	713	
288	9.675 690	14	9.730 923	18	0.269 077	9.944 767	4	712	
289	9.675 704	14	9.730 941	18	0.269 059	9.944 763	4	711	
		14		18			4		14
.290	9.675 718	14	9.730 959	19	0.269 041	9.944 759	4	.710	1 1.4
		14		18			4		2 2.8
291	9.675 732	15	9.730 978	18	0.269 022	9.944 755	4	709	3 4.2
292	9.675 747	14	9.730 996	18	0.269 004	9.944 751	4	708	4 5.6
293	9.675 761	14	9.731 014	18	0.268 986	9.944 747	4	707	5 7.0
		14		18			4		6 8.4
294	9.675 775	14	9.731 032	18	0.268 968	9.944 743	4	706	7 9.8
295	9.675 789	14	9.731 050	18	0.268 950	9.944 739	4	705	8 11.2
296	9.675 803	14	9.731 068	18	0.268 932	9.944 735	4	704	9 12.6
		14		18			5		
297	9.675 817	14	9.731 086	19	0.268 914	9.944 730	4	703	
298	9.675 831	14	9.731 105	18	0.268 895	9.944 726	4	702	
299	9.675 845	14	9.731 123	18	0.268 877	9.944 722	4	701	
		14		18			4		
.300	9.675 859	14	9.731 141	18	0.268 859	9.944 718	4	.700	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.750 — 61°.700

28°.300 — 28°.350

28°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.675 859		9.731 141		0.268 859	9.944 718		.700	
301	9.675 873	14	9.731 159	18	0.268 841	9.944 714	4	699	
302	9.675 887	14	9.731 177	18	0.268 823	9.944 710	4	698	
303	9.675 901	14	9.731 195	18	0.268 805	9.944 706	4	697	
304	9.675 915	14	9.731 214	19	0.268 786	9.944 702	4	696	19
305	9.675 930	15	9.731 232	18	0.268 768	9.944 698	4	695	1 1.9
306	9.675 944	14	9.731 250	18	0.268 750	9.944 694	4	694	2 3.8
307	9.675 958	14	9.731 268	18	0.268 732	9.944 690	4	693	3 5.7
308	9.675 972	14	9.731 286	18	0.268 714	9.944 686	4	692	4 7.6
309	9.675 986	14	9.731 304	18	0.268 696	9.944 681	5	691	5 9.5
.310	9.676 000	14	9.731 323	19	0.268 677	9.944 677	4	.690	6 11.4
311	9.676 014	14	9.731 341	18	0.268 659	9.944 673	4	689	7 13.3
312	9.676 028	14	9.731 359	18	0.268 641	9.944 669	4	688	8 15.2
313	9.676 042	14	9.731 377	18	0.268 623	9.944 665	4	687	9 17.1
314	9.676 056	14	9.731 395	18	0.268 605	9.944 661	4	686	
315	9.676 070	14	9.731 413	18	0.268 587	9.944 657	4	685	
316	9.676 084	14	9.731 431	18	0.268 569	9.944 653	4	684	18
317	9.676 098	14	9.731 450	19	0.268 550	9.944 649	4	683	1 1.8
318	9.676 112	14	9.731 468	18	0.268 532	9.944 645	4	682	2 3.6
319	9.676 127	15	9.731 486	18	0.268 514	9.944 641	4	681	3 5.4
.320	9.676 141	14	9.731 504	18	0.268 496	9.944 637	4	.680	4 7.2
321	9.676 155	14	9.731 522	18	0.268 478	9.944 632	5	679	5 9.0
322	9.676 169	14	9.731 540	18	0.268 460	9.944 628	4	678	6 10.8
323	9.676 183	14	9.731 559	19	0.268 441	9.944 624	4	677	7 12.6
324	9.676 197	14	9.731 577	18	0.268 423	9.944 620	4	676	8 14.4
325	9.676 211	14	9.731 595	18	0.268 405	9.944 616	4	675	9 16.2
326	9.676 225	14	9.731 613	18	0.268 387	9.944 612	4	674	
327	9.676 239	14	9.731 631	18	0.268 369	9.944 608	4	673	
328	9.676 253	14	9.731 649	18	0.268 351	9.944 604	4	672	15
329	9.676 267	14	9.731 667	18	0.268 333	9.944 600	4	671	1 1.5
.330	9.676 281	14	9.731 686	19	0.268 314	9.944 596	4	.670	2 3.0
331	9.676 295	14	9.731 704	18	0.268 296	9.944 592	4	669	3 4.5
332	9.676 309	14	9.731 722	18	0.268 278	9.944 587	5	668	4 6.0
333	9.676 323	14	9.731 740	18	0.268 260	9.944 583	4	667	5 7.5
334	9.676 337	14	9.731 758	18	0.268 242	9.944 579	4	666	6 9.0
335	9.676 352	15	9.731 776	18	0.268 224	9.944 575	4	665	7 10.5
336	9.676 366	14	9.731 794	18	0.268 206	9.944 571	4	664	8 12.0
337	9.676 380	14	9.731 813	19	0.268 187	9.944 567	4	663	9 13.5
338	9.676 394	14	9.731 831	18	0.268 169	9.944 563	4	662	
339	9.676 408	14	9.731 849	18	0.268 151	9.944 559	4	661	
.340	9.676 422	14	9.731 867	18	0.268 133	9.944 555	4	.660	14
341	9.676 436	14	9.731 885	18	0.268 115	9.944 551	4	659	1 1.4
342	9.676 450	14	9.731 903	18	0.268 097	9.944 547	4	658	2 2.8
343	9.676 464	14	9.731 921	18	0.268 079	9.944 543	4	657	3 4.2
344	9.676 478	14	9.731 940	19	0.268 060	9.944 538	5	656	4 5.6
345	9.676 492	14	9.731 958	18	0.268 042	9.944 534	4	655	5 7.0
346	9.676 506	14	9.731 976	18	0.268 024	9.944 530	4	654	6 8.4
347	9.676 520	14	9.731 994	18	0.268 006	9.944 526	4	653	7 9.8
348	9.676 534	14	9.732 012	18	0.267 988	9.944 522	4	652	8 11.2
349	9.676 548	14	9.732 030	18	0.267 970	9.944 518	4	651	9 12.6
.350	9.676 562	14	9.732 048	18	0.267 952	9.944 514	4	.650	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.700 — 61°.650

28°.350 — 28°.400

28°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.676 562		9.732 048		0.267 952	9.944 514		.650	
351	9.676 576	14	9.732 067	19	0.267 933	9.944 510	4	649	
352	9.676 590	14	9.732 085	18	0.267 915	9.944 506	4	648	
353	9.676 604	14	9.732 103	18	0.267 897	9.944 502	4	647	
354	9.676 618	14	9.732 121	18	0.267 879	9.944 498	4	646	19
355	9.676 633	15	9.732 139	18	0.267 861	9.944 493	5	645	1 1.9
356	9.676 647	14	9.732 157	18	0.267 843	9.944 489	4	644	2 3.8
357	9.676 661	14	9.732 175	18	0.267 825	9.944 485	4	643	3 5.7
358	9.676 675	14	9.732 193	18	0.267 807	9.944 481	4	642	4 7.6
359	9.676 689	14	9.732 212	19	0.267 788	9.944 477	4	641	5 9.5
.360	9.676 703	14	9.732 230	18	0.267 770	9.944 473	4	.640	6 11.4
361	9.676 717	14	9.732 248	18	0.267 752	9.944 469	4	639	7 13.3
362	9.676 731	14	9.732 266	18	0.267 734	9.944 465	4	638	8 15.2
363	9.676 745	14	9.732 284	18	0.267 716	9.944 461	4	637	9 17.1
364	9.676 759	14	9.732 302	18	0.267 698	9.944 457	4	636	
365	9.676 773	14	9.732 320	18	0.267 680	9.944 453	4	635	
366	9.676 787	14	9.732 339	19	0.267 661	9.944 448	5	634	18
367	9.676 801	14	9.732 357	18	0.267 643	9.944 444	4	633	1 1.8
368	9.676 815	14	9.732 375	18	0.267 625	9.944 440	4	632	2 3.6
369	9.676 829	14	9.732 393	18	0.267 607	9.944 436	4	631	3 5.4
.370	9.676 843	14	9.732 411	18	0.267 589	9.944 432	4	.630	4 7.2
371	9.676 857	14	9.732 429	18	0.267 571	9.944 428	4	629	5 9.0
372	9.676 871	14	9.732 447	18	0.267 553	9.944 424	4	628	6 10.8
373	9.676 885	14	9.732 465	18	0.267 535	9.944 420	4	627	7 12.6
374	9.676 899	14	9.732 484	19	0.267 516	9.944 416	4	626	8 14.4
375	9.676 913	14	9.732 502	18	0.267 498	9.944 412	4	625	9 16.2
376	9.676 927	14	9.732 520	18	0.267 480	9.944 408	4	624	
377	9.676 941	14	9.732 538	18	0.267 462	9.944 403	5	623	
378	9.676 955	14	9.732 556	18	0.267 444	9.944 399	4	622	15
379	9.676 969	14	9.732 574	18	0.267 426	9.944 395	4	621	1 1.5
.380	9.676 983	14	9.732 592	18	0.267 408	9.944 391	4	.620	2 3.0
381	9.676 997	14	9.732 610	18	0.267 390	9.944 387	4	619	3 4.5
382	9.677 012	15	9.732 629	19	0.267 371	9.944 383	4	618	4 6.0
383	9.677 026	14	9.732 647	18	0.267 353	9.944 379	4	617	5 7.5
384	9.677 040	14	9.732 665	18	0.267 335	9.944 375	4	616	6 9.0
385	9.677 054	14	9.732 683	18	0.267 317	9.944 371	4	615	7 10.5
386	9.677 068	14	9.732 701	18	0.267 299	9.944 367	4	614	8 12.0
387	9.677 082	14	9.732 719	18	0.267 281	9.944 362	5	613	9 13.5
388	9.677 096	14	9.732 737	18	0.267 263	9.944 358	4	612	
389	9.677 110	14	9.732 755	18	0.267 245	9.944 354	4	611	
.390	9.677 124	14	9.732 774	19	0.267 226	9.944 350	4	.610	14
391	9.677 138	14	9.732 792	18	0.267 208	9.944 346	4	609	1 1.4
392	9.677 152	14	9.732 810	18	0.267 190	9.944 342	4	608	2 2.8
393	9.677 166	14	9.732 828	18	0.267 172	9.944 338	4	607	3 4.2
394	9.677 180	14	9.732 846	18	0.267 154	9.944 334	4	606	4 5.6
395	9.677 194	14	9.732 864	18	0.267 136	9.944 330	4	605	5 7.0
396	9.677 208	14	9.732 882	18	0.267 118	9.944 326	4	604	6 8.4
397	9.677 222	14	9.732 900	18	0.267 100	9.944 321	5	603	7 9.8
398	9.677 236	14	9.732 919	19	0.267 081	9.944 317	4	602	8 11.2
399	9.677 250	14	9.732 937	18	0.267 063	9.944 313	4	601	9 12.6
.400	9.677 264	14	9.732 955	18	0.267 045	9.944 309	4	.600	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.650 — 61°.600

28°.400 — 28°.450

28°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.677 264		9.732 955		0.267 045	9.944 309		.600	
401	9.677 278	14	9.732 973	18	0.267 027	9.944 305	4	599	
402	9.677 292	14	9.732 991	18	0.267 009	9.944 301	4	598	
403	9.677 306	14	9.733 009	18	0.266 991	9.944 297	4	597	
404	9.677 320	14	9.733 027	18	0.266 973	9.944 293	4	596	
405	9.677 334	14	9.733 045	18	0.266 955	9.944 289	4	595	
406	9.677 348	14	9.733 063	18	0.266 937	9.944 285	4	594	
407	9.677 362	14	9.733 082	19	0.266 918	9.944 281	4	593	19
408	9.677 376	14	9.733 100	18	0.266 900	9.944 276	5	592	1
409	9.677 390	14	9.733 118	18	0.266 882	9.944 272	4	591	2
.410	9.677 404	14	9.733 136	18	0.266 864	9.944 268	4	.590	3
411	9.677 418	14	9.733 154	18	0.266 846	9.944 264	4	589	4
412	9.677 432	14	9.733 172	18	0.266 828	9.944 260	4	588	5
413	9.677 446	14	9.733 190	18	0.266 810	9.944 256	4	587	6
414	9.677 460	14	9.733 208	18	0.266 792	9.944 252	4	586	7
415	9.677 474	14	9.733 226	18	0.266 774	9.944 248	4	585	8
416	9.677 488	14	9.733 245	19	0.266 755	9.944 244	4	584	9
417	9.677 502	14	9.733 263	18	0.266 737	9.944 240	4	583	
418	9.677 516	14	9.733 281	18	0.266 719	9.944 235	5	582	
419	9.677 530	14	9.733 299	18	0.266 701	9.944 231	4	581	
.420	9.677 544	14	9.733 317	18	0.266 683	9.944 227	4	.580	
421	9.677 558	14	9.733 335	18	0.266 665	9.944 223	4	579	18
422	9.677 572	14	9.733 353	18	0.266 647	9.944 219	4	578	
423	9.677 586	14	9.733 371	18	0.266 629	9.944 215	4	577	1
424	9.677 600	14	9.733 389	18	0.266 611	9.944 211	4	576	2
425	9.677 614	14	9.733 408	19	0.266 592	9.944 207	4	575	3
426	9.677 628	14	9.733 426	18	0.266 574	9.944 203	4	574	4
427	9.677 642	14	9.733 444	18	0.266 556	9.944 198	5	573	5
428	9.677 656	14	9.733 462	18	0.266 538	9.944 194	4	572	6
429	9.677 670	14	9.733 480	18	0.266 520	9.944 190	4	571	7
.430	9.677 684	14	9.733 498	18	0.266 502	9.944 186	4	.570	8
431	9.677 698	14	9.733 516	18	0.266 484	9.944 182	4	569	9
432	9.677 712	14	9.733 534	18	0.266 466	9.944 178	4	568	
433	9.677 726	14	9.733 552	18	0.266 448	9.944 174	4	567	
434	9.677 740	14	9.733 570	18	0.266 430	9.944 170	4	566	
435	9.677 754	14	9.733 589	19	0.266 411	9.944 166	4	565	
436	9.677 768	14	9.733 607	18	0.266 393	9.944 162	4	564	14
437	9.677 782	14	9.733 625	18	0.266 375	9.944 157	5	563	1
438	9.677 796	14	9.733 643	18	0.266 357	9.944 153	4	562	2
439	9.677 810	14	9.733 661	18	0.266 339	9.944 149	4	561	3
.440	9.677 824	14	9.733 679	18	0.266 321	9.944 145	4	.560	4
441	9.677 838	14	9.733 697	18	0.266 303	9.944 141	4	559	5
442	9.677 852	14	9.733 715	18	0.266 285	9.944 137	4	558	6
443	9.677 866	14	9.733 733	18	0.266 267	9.944 133	4	557	7
444	9.677 880	14	9.733 752	19	0.266 248	9.944 129	4	556	8
445	9.677 894	14	9.733 770	18	0.266 230	9.944 125	4	555	9
446	9.677 908	14	9.733 788	18	0.266 212	9.944 120	5	554	
447	9.677 922	14	9.733 806	18	0.266 194	9.944 116	4	553	
448	9.677 936	14	9.733 824	18	0.266 176	9.944 112	4	552	
449	9.677 950	14	9.733 842	18	0.266 158	9.944 108	4	551	
.450	9.677 964	14	9.733 860	18	0.266 140	9.944 104	4	.550	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.600 — 61°.550

28°.450 — 28°.500

28°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.677 964		9.733 860		0.266 140	9.944 104		.550	
451	9.677 978	14	9.733 878	18	0.266 122	9.944 100	4	549	
452	9.677 992	14	9.733 896	18	0.266 104	9.944 096	4	548	
453	9.678 006	14	9.733 914	18	0.266 086	9.944 092	4	547	
454	9.678 020	14	9.733 932	18	0.266 068	9.944 088	4	546	19
455	9.678 034	14	9.733 951	19	0.266 049	9.944 084	4	545	1 1.9
456	9.678 048	14	9.733 969	18	0.266 031	9.944 079	5	544	2 3.8
457	9.678 062	14	9.733 987	18	0.266 013	9.944 075	4	543	3 5.7
458	9.678 076	14	9.734 005	18	0.265 995	9.944 071	4	542	4 7.6
459	9.678 090	14	9.734 023	18	0.265 977	9.944 067	4	541	5 9.5
.460	9.678 104	14	9.734 041	18	0.265 959	9.944 063	4	.540	6 11.4
461	9.678 118	14	9.734 059	18	0.265 941	9.944 059	4	539	7 13.3
462	9.678 132	14	9.734 077	18	0.265 923	9.944 055	4	538	8 15.2
463	9.678 146	14	9.734 095	18	0.265 905	9.944 051	4	537	9 17.1
464	9.678 160	14	9.734 113	18	0.265 887	9.944 047	4	536	
465	9.678 174	14	9.734 131	18	0.265 869	9.944 042	5	535	18
466	9.678 188	14	9.734 150	19	0.265 850	9.944 038	4	534	1 1.8
467	9.678 202	14	9.734 168	18	0.265 832	9.944 034	4	533	2 3.6
468	9.678 216	14	9.734 186	18	0.265 814	9.944 030	4	532	3 5.4
469	9.678 230	14	9.734 204	18	0.265 796	9.944 026	4	531	4 7.2
.470	9.678 244	14	9.734 222	18	0.265 778	9.944 022	4	.530	5 9.0
471	9.678 258	14	9.734 240	18	0.265 760	9.944 018	4	529	6 10.8
472	9.678 272	14	9.734 258	18	0.265 742	9.944 014	4	528	7 12.6
473	9.678 286	14	9.734 276	18	0.265 724	9.944 010	4	527	8 14.4
474	9.678 300	14	9.734 294	18	0.265 706	9.944 005	5	526	9 16.2
475	9.678 314	14	9.734 312	18	0.265 688	9.944 001	4	525	
476	9.678 328	14	9.734 330	18	0.265 670	9.943 997	4	524	
477	9.678 342	14	9.734 349	19	0.265 651	9.943 993	4	523	14
478	9.678 356	14	9.734 367	18	0.265 633	9.943 989	4	522	1 1.4
479	9.678 370	14	9.734 385	18	0.265 615	9.943 985	4	521	2 2.8
.480	9.678 384	14	9.734 403	18	0.265 597	9.943 981	4	.520	3 4.2
481	9.678 398	14	9.734 421	18	0.265 579	9.943 977	4	519	4 5.6
482	9.678 412	14	9.734 439	18	0.265 561	9.943 973	4	518	5 7.0
483	9.678 425	13	9.734 457	18	0.265 543	9.943 968	5	517	6 8.4
484	9.678 439	14	9.734 475	18	0.265 525	9.943 964	4	516	7 9.8
485	9.678 453	14	9.734 493	18	0.265 507	9.943 960	4	515	8 11.2
486	9.678 467	14	9.734 511	18	0.265 489	9.943 956	4	514	9 12.6
487	9.678 481	14	9.734 529	18	0.265 471	9.943 952	4	513	
488	9.678 495	14	9.734 547	18	0.265 453	9.943 948	4	512	
489	9.678 509	14	9.734 566	19	0.265 434	9.943 944	4	511	13
.490	9.678 523	14	9.734 584	18	0.265 416	9.943 940	4	.510	1 1.3
491	9.678 537	14	9.734 602	18	0.265 398	9.943 936	4	509	2 2.6
492	9.678 551	14	9.734 620	18	0.265 380	9.943 931	5	508	3 3.9
493	9.678 565	14	9.734 638	18	0.265 362	9.943 927	4	507	4 5.2
494	9.678 579	14	9.734 656	18	0.265 344	9.943 923	4	506	5 6.5
495	9.678 593	14	9.734 674	18	0.265 326	9.943 919	4	505	6 7.8
496	9.678 607	14	9.734 692	18	0.265 308	9.943 915	4	504	7 9.1
497	9.678 621	14	9.734 710	18	0.265 290	9.943 911	4	503	8 10.4
498	9.678 635	14	9.734 728	18	0.265 272	9.943 907	4	502	9 11.7
499	9.678 649	14	9.734 746	18	0.265 254	9.943 903	4	501	
.500	9.678 663	14	9.734 764	18	0.265 236	9.943 899	4	.500	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.550 — 61°.500

28°.500 — 28°.550

28°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.678 663		9.734 764		0.265 236	9.943 899		.500	
501	9.678 677	14	9.734 782	18	0.265 218	9.943 894	5	499	
502	9.678 691	14	9.734 801	19	0.265 199	9.943 890	4	498	
503	9.678 705	14	9.734 819	18	0.265 181	9.943 886	4	497	
504	9.678 719	14	9.734 837	18	0.265 163	9.943 882	4	496	19
505	9.678 733	14	9.734 855	18	0.265 145	9.943 878	4	495	1 1.9
506	9.678 747	14	9.734 873	18	0.265 127	9.943 874	4	494	2 3.8
507	9.678 761	14	9.734 891	18	0.265 109	9.943 870	4	493	3 5.7
508	9.678 775	14	9.734 909	18	0.265 091	9.943 866	4	492	4 7.6
509	9.678 789	14	9.734 927	18	0.265 073	9.943 861	5	491	5 9.5
.510	9.678 802	13	9.734 945	18	0.265 055	9.943 857	4	.490	6 11.4
511	9.678 816	14	9.734 963	18	0.265 037	9.943 853	4	489	7 13.3
512	9.678 830	14	9.734 981	18	0.265 019	9.943 849	4	488	8 15.2
513	9.678 844	14	9.734 999	18	0.265 001	9.943 845	4	487	9 17.1
514	9.678 858	14	9.735 017	18	0.264 983	9.943 841	4	486	
515	9.678 872	14	9.735 035	18	0.264 965	9.943 837	4	485	18
516	9.678 886	14	9.735 054	19	0.264 946	9.943 833	4	484	
517	9.678 900	14	9.735 072	18	0.264 928	9.943 829	4	483	1 1.8
518	9.678 914	14	9.735 090	18	0.264 910	9.943 824	5	482	2 3.6
519	9.678 928	14	9.735 108	18	0.264 892	9.943 820	4	481	3 5.4
.520	9.678 942	14	9.735 126	18	0.264 874	9.943 816	4	.480	4 7.2
521	9.678 956	14	9.735 144	18	0.264 856	9.943 812	4	479	5 9.0
522	9.678 970	14	9.735 162	18	0.264 838	9.943 808	4	478	6 10.8
523	9.678 984	14	9.735 180	18	0.264 820	9.943 804	4	477	7 12.6
524	9.678 998	14	9.735 198	18	0.264 802	9.943 800	4	476	8 14.4
525	9.679 012	14	9.735 216	18	0.264 784	9.943 796	4	475	9 16.2
526	9.679 026	14	9.735 234	18	0.264 766	9.943 791	5	474	
527	9.679 040	14	9.735 252	18	0.264 748	9.943 787	4	473	14
528	9.679 054	14	9.735 270	18	0.264 730	9.943 783	4	472	
529	9.679 068	14	9.735 288	18	0.264 712	9.943 779	4	471	1 1.4
.530	9.679 081	13	9.735 306	18	0.264 694	9.943 775	4	.470	2 2.8
531	9.679 095	14	9.735 325	19	0.264 675	9.943 771	4	469	3 4.2
532	9.679 109	14	9.735 343	18	0.264 657	9.943 767	4	468	4 5.6
533	9.679 123	14	9.735 361	18	0.264 639	9.943 763	4	467	5 7.0
534	9.679 137	14	9.735 379	18	0.264 621	9.943 758	5	466	6 8.4
535	9.679 151	14	9.735 397	18	0.264 603	9.943 754	4	465	7 9.8
536	9.679 165	14	9.735 415	18	0.264 585	9.943 750	4	464	8 11.2
537	9.679 179	14	9.735 433	18	0.264 567	9.943 746	4	463	9 12.6
538	9.679 193	14	9.735 451	18	0.264 549	9.943 742	4	462	
539	9.679 207	14	9.735 469	18	0.264 531	9.943 738	4	461	13
.540	9.679 221	14	9.735 487	18	0.264 513	9.943 734	4	.460	
541	9.679 235	14	9.735 505	18	0.264 495	9.943 730	4	459	1 1.3
542	9.679 249	14	9.735 523	18	0.264 477	9.943 726	4	458	2 2.6
543	9.679 263	14	9.735 541	18	0.264 459	9.943 721	5	457	3 3.9
544	9.679 277	14	9.735 559	18	0.264 441	9.943 717	4	456	4 5.2
545	9.679 291	14	9.735 577	18	0.264 423	9.943 713	4	455	5 6.5
546	9.679 304	13	9.735 595	18	0.264 405	9.943 709	4	454	6 7.8
547	9.679 318	14	9.735 614	19	0.264 386	9.943 705	4	453	7 9.1
548	9.679 332	14	9.735 632	18	0.264 368	9.943 701	4	452	8 10.4
549	9.679 346	14	9.735 650	18	0.264 350	9.943 697	4	451	9 11.7
.550	9.679 360	14	9.735 668	18	0.264 332	9.943 693	4	.450	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.500 — 61°.450

28°.550 — 28°.600

28°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.679 360		9.735 668		0.264 332	9.943 693		.450	
551	9.679 374	14	9.735 686	18	0.264 314	9.943 688	5	449	
552	9.679 388	14	9.735 704	18	0.264 296	9.943 684	4	448	
553	9.679 402	14	9.735 722	18	0.264 278	9.943 680	4	447	
		14		18			4		19
554	9.679 416	14	9.735 740	18	0.264 260	9.943 676	4	446	
555	9.679 430	14	9.735 758	18	0.264 242	9.943 672	4	445	1 1.9
556	9.679 444	14	9.735 776	18	0.264 224	9.943 668	4	444	2 3.8
		14		18			4		3 5.7
557	9.679 458	14	9.735 794	18	0.264 206	9.943 664	4	443	4 7.6
558	9.679 472	14	9.735 812	18	0.264 188	9.943 660	4	442	5 9.5
559	9.679 486	14	9.735 830	18	0.264 170	9.943 655	5	441	6 11.4
		13		18			4		7 13.3
.560	9.679 499	14	9.735 848	18	0.264 152	9.943 651	4	.440	8 15.2
		14		18			4		9 17.1
561	9.679 513	14	9.735 866	18	0.264 134	9.943 647	4	439	
562	9.679 527	14	9.735 884	18	0.264 116	9.943 643	4	438	
563	9.679 541	14	9.735 902	18	0.264 098	9.943 639	4	437	
		14		18			4		18
564	9.679 555	14	9.735 920	18	0.264 080	9.943 635	4	436	
565	9.679 569	14	9.735 938	18	0.264 062	9.943 631	4	435	
566	9.679 583	14	9.735 957	19	0.264 043	9.943 627	4	434	
		14		18			5		1 1.8
567	9.679 597	14	9.735 975	18	0.264 025	9.943 622	4	433	2 3.6
568	9.679 611	14	9.735 993	18	0.264 007	9.943 618	4	432	3 5.4
569	9.679 625	14	9.736 011	18	0.263 989	9.943 614	4	431	4 7.2
		14		18			4		5 9.0
.570	9.679 639	14	9.736 029	18	0.263 971	9.943 610	4	.430	6 10.8
		14		18			4		7 12.6
571	9.679 653	14	9.736 047	18	0.263 953	9.943 606	4	429	8 14.4
572	9.679 667	14	9.736 065	18	0.263 935	9.943 602	4	428	9 16.2
573	9.679 680	13	9.736 083	18	0.263 917	9.943 598	4	427	
		14		18			5		
574	9.679 694	14	9.736 101	18	0.263 899	9.943 593	4	426	
575	9.679 708	14	9.736 119	18	0.263 881	9.943 589	4	425	
576	9.679 722	14	9.736 137	18	0.263 863	9.943 585	4	424	
		14		18			4		14
577	9.679 736	14	9.736 155	18	0.263 845	9.943 581	4	423	
578	9.679 750	14	9.736 173	18	0.263 827	9.943 577	4	422	
579	9.679 764	14	9.736 191	18	0.263 809	9.943 573	4	421	
		14		18			4		
.580	9.679 778	14	9.736 209	18	0.263 791	9.943 569	4	.420	
		14		18			4		
581	9.679 792	14	9.736 227	18	0.263 773	9.943 565	4	419	
582	9.679 806	14	9.736 245	18	0.263 755	9.943 560	5	418	
583	9.679 820	14	9.736 263	18	0.263 737	9.943 556	4	417	
		14		18			4		
584	9.679 834	14	9.736 281	18	0.263 719	9.943 552	4	416	
585	9.679 847	13	9.736 299	18	0.263 701	9.943 548	4	415	
586	9.679 861	14	9.736 317	18	0.263 683	9.943 544	4	414	
		14		18			4		
587	9.679 875	14	9.736 335	18	0.263 665	9.943 540	4	413	
588	9.679 889	14	9.736 353	18	0.263 647	9.943 536	4	412	
589	9.679 903	14	9.736 372	19	0.263 628	9.943 532	4	411	
		14		18			5		13
.590	9.679 917	14	9.736 390	18	0.263 610	9.943 527	4	.410	
		14		18			4		
591	9.679 931	14	9.736 408	18	0.263 592	9.943 523	4	409	
592	9.679 945	14	9.736 426	18	0.263 574	9.943 519	4	408	
593	9.679 959	14	9.736 444	18	0.263 556	9.943 515	4	407	
		14		18			4		
594	9.679 973	14	9.736 462	18	0.263 538	9.943 511	4	406	
595	9.679 987	14	9.736 480	18	0.263 520	9.943 507	4	405	
596	9.680 000	13	9.736 498	18	0.263 502	9.943 503	4	404	
		14		18			5		
597	9.680 014	14	9.736 516	18	0.263 484	9.943 498	4	403	
598	9.680 028	14	9.736 534	18	0.263 466	9.943 494	4	402	
599	9.680 042	14	9.736 552	18	0.263 448	9.943 490	4	401	
		14		18			4		
.600	9.680 056	14	9.736 570	18	0.263 430	9.943 486	4	.400	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.450 — 61°.400

28°.600 — 28°.650

28°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.680 056		9.736 570		0.263 430	9.943 486		.400	
601	9.680 070	14	9.736 588	18	0.263 412	9.943 482	4	399	
602	9.680 084	14	9.736 606	18	0.263 394	9.943 478	4	398	
603	9.680 098	14	9.736 624	18	0.263 376	9.943 474	4	397	
604	9.680 112	14	9.736 642	18	0.263 358	9.943 470	4	396	19
605	9.680 126	14	9.736 660	18	0.263 340	9.943 465	5	395	1 1.9
606	9.680 139	13	9.736 678	18	0.263 322	9.943 461	4	394	2 3.8
607	9.680 153	14	9.736 696	18	0.263 304	9.943 457	4	393	3 5.7
608	9.680 167	14	9.736 714	18	0.263 286	9.943 453	4	392	4 7.6
609	9.680 181	14	9.736 732	18	0.263 268	9.943 449	4	391	5 9.5
.610	9.680 195	14	9.736 750	18	0.263 250	9.943 445	4	.390	6 11.4
611	9.680 209	14	9.736 768	18	0.263 232	9.943 441	4	389	7 13.3
612	9.680 223	14	9.736 786	18	0.263 214	9.943 436	5	388	8 15.2
613	9.680 237	14	9.736 804	18	0.263 196	9.943 432	4	387	9 17.1
614	9.680 251	14	9.736 822	18	0.263 178	9.943 428	4	386	
615	9.680 265	14	9.736 840	18	0.263 160	9.943 424	4	385	
616	9.680 278	13	9.736 858	18	0.263 142	9.943 420	4	384	18
617	9.680 292	14	9.736 876	18	0.263 124	9.943 416	4	383	1 1.8
618	9.680 306	14	9.736 895	19	0.263 105	9.943 412	4	382	2 3.6
619	9.680 320	14	9.736 913	18	0.263 087	9.943 408	4	381	3 5.4
.620	9.680 334	14	9.736 931	18	0.263 069	9.943 403	5	.380	4 7.2
621	9.680 348	14	9.736 949	18	0.263 051	9.943 399	4	379	5 9.0
622	9.680 362	14	9.736 967	18	0.263 033	9.943 395	4	378	6 10.8
623	9.680 376	14	9.736 985	18	0.263 015	9.943 391	4	377	7 12.6
624	9.680 390	14	9.737 003	18	0.262 997	9.943 387	4	376	8 14.4
625	9.680 403	13	9.737 021	18	0.262 979	9.943 383	4	375	9 16.2
626	9.680 417	14	9.737 039	18	0.262 961	9.943 379	4	374	
627	9.680 431	14	9.737 057	18	0.262 943	9.943 374	5	373	
628	9.680 445	14	9.737 075	18	0.262 925	9.943 370	4	372	14
629	9.680 459	14	9.737 093	18	0.262 907	9.943 366	4	371	1 1.4
.630	9.680 473	14	9.737 111	18	0.262 889	9.943 362	4	.370	2 2.8
631	9.680 487	14	9.737 129	18	0.262 871	9.943 358	4	369	3 4.2
632	9.680 501	14	9.737 147	18	0.262 853	9.943 354	4	368	4 5.6
633	9.680 515	14	9.737 165	18	0.262 835	9.943 350	4	367	5 7.0
634	9.680 528	13	9.737 183	18	0.262 817	9.943 345	5	366	6 8.4
635	9.680 542	14	9.737 201	18	0.262 799	9.943 341	4	365	7 9.8
636	9.680 556	14	9.737 219	18	0.262 781	9.943 337	4	364	8 11.2
637	9.680 570	14	9.737 237	18	0.262 763	9.943 333	4	363	9 12.6
638	9.680 584	14	9.737 255	18	0.262 745	9.943 329	4	362	
639	9.680 598	14	9.737 273	18	0.262 727	9.943 325	4	361	
.640	9.680 612	14	9.737 291	18	0.262 709	9.943 321	4	.360	13
641	9.680 626	14	9.737 309	18	0.262 691	9.943 317	4	359	1 1.3
642	9.680 639	13	9.737 327	18	0.262 673	9.943 312	5	358	2 2.6
643	9.680 653	14	9.737 345	18	0.262 655	9.943 308	4	357	3 3.9
644	9.680 667	14	9.737 363	18	0.262 637	9.943 304	4	356	4 5.2
645	9.680 681	14	9.737 381	18	0.262 619	9.943 300	4	355	5 6.5
646	9.680 695	14	9.737 399	18	0.262 601	9.943 296	4	354	6 7.8
647	9.680 709	14	9.737 417	18	0.262 583	9.943 292	4	353	7 9.1
648	9.680 723	14	9.737 435	18	0.262 565	9.943 288	4	352	8 10.4
649	9.680 737	14	9.737 453	18	0.262 547	9.943 283	5	351	9 11.7
.650	9.680 750	13	9.737 471	18	0.262 529	9.943 279	4	.350	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.400 — 61°.350

28°.650 — 28°.700

28°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.680 750		9.737 471		0.262 529	9.943 279		.350	
651	9.680 764	14	9.737 489	18	0.262 511	9.943 275	4	349	
652	9.680 778	14	9.737 507	18	0.262 493	9.943 271	4	348	
653	9.680 792	14	9.737 525	18	0.262 475	9.943 267	4	347	
654	9.680 806	14	9.737 543	18	0.262 457	9.943 263	4	346	
655	9.680 820	14	9.737 561	18	0.262 439	9.943 259	4	345	
656	9.680 834	14	9.737 579	18	0.262 421	9.943 254	5	344	
657	9.680 848	14	9.737 597	18	0.262 403	9.943 250	4	343	18
658	9.680 861	13	9.737 615	18	0.262 385	9.943 246	4	342	1 1.8
659	9.680 875	14	9.737 633	18	0.262 367	9.943 242	4	341	2 3.6
.660	9.680 889	14	9.737 651	18	0.262 349	9.943 238	4	.340	3 5.4
661	9.680 903	14	9.737 669	18	0.262 331	9.943 234	4	339	4 7.2
662	9.680 917	14	9.737 687	18	0.262 313	9.943 230	4	338	5 9.0
663	9.680 931	14	9.737 705	18	0.262 295	9.943 225	5	337	6 10.8
664	9.680 945	14	9.737 723	18	0.262 277	9.943 221	4	336	7 12.6
665	9.680 958	13	9.737 741	18	0.262 259	9.943 217	4	335	8 14.4
666	9.680 972	14	9.737 759	18	0.262 241	9.943 213	4	334	9 16.2
667	9.680 986	14	9.737 777	18	0.262 223	9.943 209	4	333	
668	9.681 000	14	9.737 795	18	0.262 205	9.943 205	4	332	
669	9.681 014	14	9.737 813	18	0.262 187	9.943 201	4	331	
.670	9.681 028	14	9.737 831	18	0.262 169	9.943 196	5	.330	
671	9.681 042	14	9.737 849	18	0.262 151	9.943 192	4	329	14
672	9.681 056	14	9.737 867	18	0.262 133	9.943 188	4	328	
673	9.681 069	13	9.737 885	18	0.262 115	9.943 184	4	327	1 1.4
674	9.681 083	14	9.737 903	18	0.262 097	9.943 180	4	326	2 2.8
675	9.681 097	14	9.737 921	18	0.262 079	9.943 176	4	325	3 4.2
676	9.681 111	14	9.737 939	18	0.262 061	9.943 172	4	324	4 5.6
677	9.681 125	14	9.737 957	18	0.262 043	9.943 167	5	323	5 7.0
678	9.681 139	14	9.737 975	18	0.262 025	9.943 163	4	322	6 8.4
679	9.681 153	14	9.737 993	18	0.262 007	9.943 159	4	321	7 9.8
.680	9.681 166	13	9.738 011	18	0.261 989	9.943 155	4	.320	8 11.2
681	9.681 180	14	9.738 029	18	0.261 971	9.943 151	4	319	9 12.6
682	9.681 194	14	9.738 047	18	0.261 953	9.943 147	4	318	
683	9.681 208	14	9.738 065	18	0.261 935	9.943 142	5	317	
684	9.681 222	14	9.738 083	18	0.261 917	9.943 138	4	316	
685	9.681 236	14	9.738 101	18	0.261 899	9.943 134	4	315	
686	9.681 250	14	9.738 119	18	0.261 881	9.943 130	4	314	13
687	9.681 263	13	9.738 137	18	0.261 863	9.943 126	4	313	1 1.3
688	9.681 277	14	9.738 155	18	0.261 845	9.943 122	4	312	2 2.6
689	9.681 291	14	9.738 173	18	0.261 827	9.943 118	4	311	3 3.9
.690	9.681 305	14	9.738 191	18	0.261 809	9.943 113	5	.310	4 5.2
691	9.681 319	14	9.738 209	18	0.261 791	9.943 109	4	309	5 6.5
692	9.681 333	14	9.738 227	18	0.261 773	9.943 105	4	308	6 7.8
693	9.681 346	13	9.738 245	18	0.261 755	9.943 101	4	307	7 9.1
694	9.681 360	14	9.738 263	18	0.261 737	9.943 097	4	306	8 10.4
695	9.681 374	14	9.738 281	18	0.261 719	9.943 093	4	305	9 11.7
696	9.681 388	14	9.738 299	18	0.261 701	9.943 089	4	304	
697	9.681 402	14	9.738 317	18	0.261 683	9.943 084	5	303	
698	9.681 416	14	9.738 335	18	0.261 665	9.943 080	4	302	
699	9.681 430	14	9.738 353	18	0.261 647	9.943 076	4	301	
.700	9.681 443	13	9.738 371	18	0.261 629	9.943 072	4	.300	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.350 — 61°.300

28°.700 — 28°.750

28°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.681 443		9.738 371		0.261 629	9.943 072		.300	
701	9.681 457	14	9.738 389	18	0.261 611	9.943 068	4	299	
702	9.681 471	14	9.738 407	18	0.261 593	9.943 064	4	298	
703	9.681 485	14	9.738 425	18	0.261 575	9.943 060	4	297	
704	9.681 499	14	9.738 443	18	0.261 557	9.943 055	5	296	
705	9.681 513	14	9.738 461	18	0.261 539	9.943 051	4	295	
706	9.681 526	13	9.738 479	18	0.261 521	9.943 047	4	294	
707	9.681 540	14	9.738 497	18	0.261 503	9.943 043	4	293	18
708	9.681 554	14	9.738 515	18	0.261 485	9.943 039	4	292	1 1.8
709	9.681 568	14	9.738 533	18	0.261 467	9.943 035	4	291	2 3.6
.710	9.681 582	14	9.738 551	18	0.261 449	9.943 030	5	.290	3 5.4
711	9.681 596	14	9.738 569	18	0.261 431	9.943 026	4	289	4 7.2
712	9.681 610	14	9.738 587	18	0.261 413	9.943 022	4	288	5 9.0
713	9.681 623	13	9.738 605	18	0.261 395	9.943 018	4	287	6 10.8
714	9.681 637	14	9.738 623	18	0.261 377	9.943 014	4	286	7 12.6
715	9.681 651	14	9.738 641	18	0.261 359	9.943 010	4	285	8 14.4
716	9.681 665	14	9.738 659	18	0.261 341	9.943 006	4	284	9 16.2
717	9.681 679	14	9.738 677	18	0.261 323	9.943 001	5	283	
718	9.681 693	14	9.738 695	18	0.261 305	9.942 997	4	282	
719	9.681 706	13	9.738 713	18	0.261 287	9.942 993	4	281	
.720	9.681 720	14	9.738 731	18	0.261 269	9.942 989	4	.280	
721	9.681 734	14	9.738 749	18	0.261 251	9.942 985	4	279	14
722	9.681 748	14	9.738 767	18	0.261 233	9.942 981	4	278	
723	9.681 762	14	9.738 785	18	0.261 215	9.942 976	5	277	1 1.4
724	9.681 776	14	9.738 803	18	0.261 197	9.942 972	4	276	2 2.8
725	9.681 789	13	9.738 821	18	0.261 179	9.942 968	4	275	3 4.2
726	9.681 803	14	9.738 839	18	0.261 161	9.942 964	4	274	4 5.6
727	9.681 817	14	9.738 857	18	0.261 143	9.942 960	4	273	5 7.0
728	9.681 831	14	9.738 875	18	0.261 125	9.942 956	4	272	6 8.4
729	9.681 845	14	9.738 893	18	0.261 107	9.942 952	4	271	7 9.8
.730	9.681 858	13	9.738 911	18	0.261 089	9.942 947	5	.270	8 11.2
731	9.681 872	14	9.738 929	18	0.261 071	9.942 943	4	269	9 12.6
732	9.681 886	14	9.738 947	18	0.261 053	9.942 939	4	268	
733	9.681 900	14	9.738 965	18	0.261 035	9.942 935	4	267	
734	9.681 914	14	9.738 983	18	0.261 017	9.942 931	4	266	
735	9.681 928	14	9.739 001	18	0.260 999	9.942 927	4	265	
736	9.681 941	13	9.739 019	18	0.260 981	9.942 922	5	264	13
737	9.681 955	14	9.739 037	18	0.260 963	9.942 918	4	263	1 1.3
738	9.681 969	14	9.739 055	18	0.260 945	9.942 914	4	262	2 2.6
739	9.681 983	14	9.739 073	18	0.260 927	9.942 910	4	261	3 3.9
.740	9.681 997	14	9.739 091	18	0.260 909	9.942 906	4	.260	4 5.2
741	9.682 011	14	9.739 109	18	0.260 891	9.942 902	4	259	5 6.5
742	9.682 024	13	9.739 127	18	0.260 873	9.942 898	4	258	6 7.8
743	9.682 038	14	9.739 145	18	0.260 855	9.942 893	5	257	7 9.1
744	9.682 052	14	9.739 163	18	0.260 837	9.942 889	4	256	8 10.4
745	9.682 066	14	9.739 181	18	0.260 819	9.942 885	4	255	9 11.7
746	9.682 080	14	9.739 199	18	0.260 801	9.942 881	4	254	
747	9.682 093	13	9.739 217	18	0.260 783	9.942 877	4	253	
748	9.682 107	14	9.739 235	18	0.260 765	9.942 873	4	252	
749	9.682 121	14	9.739 253	18	0.260 747	9.942 868	5	251	
.750	9.682 135	14	9.739 271	18	0.260 729	9.942 864	4	.250	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.300 — 61°.250

28°.750 — 28°.800

28°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.682 135		9.739 271		0.260 729	9.942 864		.250	
751	9.682 149	14	9.739 289	18	0.260 711	9.942 860	4	249	
752	9.682 163	14	9.739 307	18	0.260 693	9.942 856	4	248	
753	9.682 176	13	9.739 325	18	0.260 675	9.942 852	4	247	
		14		18			4		18
754	9.682 190	14	9.739 343	18	0.260 657	9.942 848	4	246	
755	9.682 204	14	9.739 361	18	0.260 639	9.942 843	5	245	1 1.8
756	9.682 218	14	9.739 379	18	0.260 621	9.942 839	4	244	2 3.6
		14		17			4		3 5.4
757	9.682 232	13	9.739 396	18	0.260 604	9.942 835	4	243	4 7.2
758	9.682 245	14	9.739 414	18	0.260 586	9.942 831	4	242	5 9.0
759	9.682 259	14	9.739 432	18	0.260 568	9.942 827	4	241	6 10.8
		14		18			4		7 12.6
.760	9.682 273	14	9.739 450	18	0.260 550	9.942 823	4	.240	8 14.4
		14		18			4		9 16.2
761	9.682 287	14	9.739 468	18	0.260 532	9.942 819	5	239	
762	9.682 301	13	9.739 486	18	0.260 514	9.942 814	4	238	
763	9.682 314	14	9.739 504	18	0.260 496	9.942 810	4	237	
		14		18			4		17
764	9.682 328	14	9.739 522	18	0.260 478	9.942 806	4	236	
765	9.682 342	14	9.739 540	18	0.260 460	9.942 802	4	235	
766	9.682 356	14	9.739 558	18	0.260 442	9.942 798	4	234	
		14		18			4		1 1.7
767	9.682 370	14	9.739 576	18	0.260 424	9.942 794	5	233	2 3.4
768	9.682 384	13	9.739 594	18	0.260 406	9.942 789	4	232	3 5.1
769	9.682 397	14	9.739 612	18	0.260 388	9.942 785	4	231	4 6.8
		14		18			4		5 8.5
.770	9.682 411	14	9.739 630	18	0.260 370	9.942 781	4	.230	6 10.2
		14		18			4		7 11.9
771	9.682 425	14	9.739 648	18	0.260 352	9.942 777	4	229	8 13.6
772	9.682 439	14	9.739 666	18	0.260 334	9.942 773	4	228	9 15.3
773	9.682 453	13	9.739 684	18	0.260 316	9.942 769	5	227	
774	9.682 466	14	9.739 702	18	0.260 298	9.942 764	4	226	
775	9.682 480	14	9.739 720	18	0.260 280	9.942 760	4	225	
776	9.682 494	14	9.739 738	18	0.260 262	9.942 756	4	224	
		14		18			4		14
777	9.682 508	14	9.739 756	18	0.260 244	9.942 752	4	223	
778	9.682 522	13	9.739 774	18	0.260 226	9.942 748	4	222	
779	9.682 535	14	9.739 792	18	0.260 208	9.942 744	4	221	
		14		18			5		1 1.4
.780	9.682 549	14	9.739 810	18	0.260 190	9.942 739	4	.220	2 2.8
		14		18			4		3 4.2
781	9.682 563	14	9.739 828	18	0.260 172	9.942 735	4	219	4 5.6
782	9.682 577	14	9.739 846	18	0.260 154	9.942 731	4	218	5 7.0
783	9.682 591	13	9.739 864	18	0.260 136	9.942 727	4	217	6 8.4
		14		18			4		7 9.8
784	9.682 604	14	9.739 882	18	0.260 118	9.942 723	4	216	8 11.2
785	9.682 618	14	9.739 900	18	0.260 100	9.942 719	4	215	9 12.6
786	9.682 632	14	9.739 918	18	0.260 082	9.942 714	5	214	
		14		17			4		
787	9.682 646	14	9.739 935	18	0.260 065	9.942 710	4	213	
788	9.682 660	13	9.739 953	18	0.260 047	9.942 706	4	212	
789	9.682 673	14	9.739 971	18	0.260 029	9.942 702	4	211	
		14		18			4		13
.790	9.682 687	14	9.739 989	18	0.260 011	9.942 698	4	.210	1 1.3
		14		18			4		2 2.6
791	9.682 701	14	9.740 007	18	0.259 993	9.942 694	5	209	3 3.9
792	9.682 715	14	9.740 025	18	0.259 975	9.942 689	4	208	4 5.2
793	9.682 729	13	9.740 043	18	0.259 957	9.942 685	4	207	5 6.5
		14		18			4		6 7.8
794	9.682 742	14	9.740 061	18	0.259 939	9.942 681	4	206	7 9.1
795	9.682 756	14	9.740 079	18	0.259 921	9.942 677	4	205	8 10.4
796	9.682 770	14	9.740 097	18	0.259 903	9.942 673	4	204	9 11.7
		14		18			4		
797	9.682 784	13	9.740 115	18	0.259 885	9.942 669	5	203	
798	9.682 797	14	9.740 133	18	0.259 867	9.942 664	4	202	
799	9.682 811	14	9.740 151	18	0.259 849	9.942 660	4	201	
		14		18			4		
.800	9.682 825	14	9.740 169	18	0.259 831	9.942 656	4	.200	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.250 — 61°.200

28°.800 — 28°.850

28°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.682 825		9.740 169		0.259 831	9.942 656		.200	
801	9.682 839	14	9.740 187	18	0.259 813	9.942 652	4	199	
802	9.682 853	14	9.740 205	18	0.259 795	9.942 648	4	198	
803	9.682 866	13	9.740 223	18	0.259 777	9.942 644	4	197	
804	9.682 880	14	9.740 241	18	0.259 759	9.942 639	5	196	18
805	9.682 894	14	9.740 259	18	0.259 741	9.942 635	4	195	1 1.8
806	9.682 908	14	9.740 277	18	0.259 723	9.942 631	4	194	2 3.6
807	9.682 922	14	9.740 295	18	0.259 705	9.942 627	4	193	3 5.4
808	9.682 935	13	9.740 313	18	0.259 687	9.942 623	4	192	4 7.2
809	9.682 949	14	9.740 330	17	0.259 670	9.942 619	4	191	5 9.0
									6 10.8
									7 12.6
.810	9.682 963	14	9.740 348	18	0.259 652	9.942 614	5	.190	8 14.4
									9 16.2
811	9.682 977	14	9.740 366	18	0.259 634	9.942 610	4	189	
812	9.682 990	13	9.740 384	18	0.259 616	9.942 606	4	188	
813	9.683 004	14	9.740 402	18	0.259 598	9.942 602	4	187	
814	9.683 018	14	9.740 420	18	0.259 580	9.942 598	4	186	
815	9.683 032	14	9.740 438	18	0.259 562	9.942 594	4	185	
816	9.683 046	14	9.740 456	18	0.259 544	9.942 589	5	184	17
817	9.683 059	13	9.740 474	18	0.259 526	9.942 585	4	183	1 1.7
818	9.683 073	14	9.740 492	18	0.259 508	9.942 581	4	182	2 3.4
819	9.683 087	14	9.740 510	18	0.259 490	9.942 577	4	181	3 5.1
									4 6.8
									5 8.5
.820	9.683 101	14	9.740 528	18	0.259 472	9.942 573	4	.180	6 10.2
									7 11.9
821	9.683 114	13	9.740 546	18	0.259 454	9.942 569	4	179	8 13.6
822	9.683 128	14	9.740 564	18	0.259 436	9.942 564	5	178	9 15.3
823	9.683 142	14	9.740 582	18	0.259 418	9.942 560	4	177	
824	9.683 156	14	9.740 600	18	0.259 400	9.942 556	4	176	
825	9.683 170	14	9.740 618	18	0.259 382	9.942 552	4	175	
826	9.683 183	13	9.740 636	18	0.259 364	9.942 548	4	174	
827	9.683 197	14	9.740 654	18	0.259 346	9.942 544	4	173	
828	9.683 211	14	9.740 671	17	0.259 329	9.942 539	5	172	14
829	9.683 225	14	9.740 689	18	0.259 311	9.942 535	4	171	1 1.4
									2 2.8
									3 4.2
.830	9.683 238	13	9.740 707	18	0.259 293	9.942 531	4	.170	4 5.6
									5 7.0
831	9.683 252	14	9.740 725	18	0.259 275	9.942 527	4	169	6 8.4
832	9.683 266	14	9.740 743	18	0.259 257	9.942 523	4	168	7 9.8
833	9.683 280	14	9.740 761	18	0.259 239	9.942 519	4	167	8 11.2
834	9.683 293	13	9.740 779	18	0.259 221	9.942 514	5	166	9 12.6
835	9.683 307	14	9.740 797	18	0.259 203	9.942 510	4	165	
836	9.683 321	14	9.740 815	18	0.259 185	9.942 506	4	164	
837	9.683 335	14	9.740 833	18	0.259 167	9.942 502	4	163	
838	9.683 349	14	9.740 851	18	0.259 149	9.942 498	4	162	
839	9.683 362	13	9.740 869	18	0.259 131	9.942 493	5	161	
									13
.840	9.683 376	14	9.740 887	18	0.259 113	9.942 489	4	.160	1 1.3
									2 2.6
841	9.683 390	14	9.740 905	18	0.259 095	9.942 485	4	159	3 3.9
842	9.683 404	14	9.740 923	18	0.259 077	9.942 481	4	158	4 5.2
843	9.683 417	13	9.740 941	18	0.259 059	9.942 477	4	157	5 6.5
844	9.683 431	14	9.740 959	18	0.259 041	9.942 473	4	156	6 7.8
845	9.683 445	14	9.740 976	17	0.259 024	9.942 468	5	155	7 9.1
846	9.683 459	14	9.740 994	18	0.259 006	9.942 464	4	154	8 10.4
847	9.683 472	13	9.741 012	18	0.258 988	9.942 460	4	153	9 11.7
848	9.683 486	14	9.741 030	18	0.258 970	9.942 456	4	152	
849	9.683 500	14	9.741 048	18	0.258 952	9.942 452	4	151	
.850	9.683 514	14	9.741 066	18	0.258 934	9.942 448	4	.150	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.200 — 61°.150

28°.850 — 28°.900

28°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.683 514		9.741 066		0.258 934	9.942 448		.150	
851	9.683 527	13	9.741 084	18	0.258 916	9.942 443	5	149	
852	9.683 541	14	9.741 102	18	0.258 898	9.942 439	4	148	
853	9.683 555	14	9.741 120	18	0.258 880	9.942 435	4	147	
854	9.683 569	14	9.741 138	18	0.258 862	9.942 431	4	146	18
855	9.683 582	13	9.741 156	18	0.258 844	9.942 427	4	145	1 1.8
856	9.683 596	14	9.741 174	18	0.258 826	9.942 422	5	144	2 3.6
857	9.683 610	14	9.741 192	18	0.258 808	9.942 418	4	143	3 5.4
858	9.683 624	14	9.741 210	18	0.258 790	9.942 414	4	142	4 7.2
859	9.683 638	14	9.741 228	18	0.258 772	9.942 410	4	141	5 9.0
.860	9.683 651	13	9.741 245	17	0.258 755	9.942 406	4	.140	6 10.8
		14		18			4		7 12.6
861	9.683 665	14	9.741 263	18	0.258 737	9.942 402	4	139	8 14.4
862	9.683 679	14	9.741 281	18	0.258 719	9.942 397	5	138	9 16.2
863	9.683 693	14	9.741 299	18	0.258 701	9.942 393	4	137	
864	9.683 706	13	9.741 317	18	0.258 683	9.942 389	4	136	
865	9.683 720	14	9.741 335	18	0.258 665	9.942 385	4	135	17
866	9.683 734	14	9.741 353	18	0.258 647	9.942 381	4	134	
867	9.683 748	14	9.741 371	18	0.258 629	9.942 377	4	133	1 1.7
868	9.683 761	13	9.741 389	18	0.258 611	9.942 372	5	132	2 3.4
869	9.683 775	14	9.741 407	18	0.258 593	9.942 368	4	131	3 5.1
.870	9.683 789	14	9.741 425	18	0.258 575	9.942 364	4	.130	4 6.8
		14		18			4		5 8.5
871	9.683 803	13	9.741 443	18	0.258 557	9.942 360	4	129	6 10.2
872	9.683 816	13	9.741 461	18	0.258 539	9.942 356	4	128	7 11.9
873	9.683 830	14	9.741 479	18	0.258 521	9.942 351	5	127	8 13.6
874	9.683 844	14	9.741 496	17	0.258 504	9.942 347	4	126	9 15.3
875	9.683 858	14	9.741 514	18	0.258 486	9.942 343	4	125	
876	9.683 871	13	9.741 532	18	0.258 468	9.942 339	4	124	
877	9.683 885	14	9.741 550	18	0.258 450	9.942 335	4	123	14
878	9.683 899	14	9.741 568	18	0.258 432	9.942 331	4	122	
879	9.683 912	13	9.741 586	18	0.258 414	9.942 326	5	121	1 1.4
.880	9.683 926	14	9.741 604	18	0.258 396	9.942 322	4	.120	2 2.8
		14		18			4		3 4.2
881	9.683 940	14	9.741 622	18	0.258 378	9.942 318	4	119	4 5.6
882	9.683 954	14	9.741 640	18	0.258 360	9.942 314	4	118	5 7.0
883	9.683 967	13	9.741 658	18	0.258 342	9.942 310	4	117	6 8.4
884	9.683 981	14	9.741 676	18	0.258 324	9.942 305	5	116	7 9.8
885	9.683 995	14	9.741 694	18	0.258 306	9.942 301	4	115	8 11.2
886	9.684 009	14	9.741 712	18	0.258 288	9.942 297	4	114	9 12.6
887	9.684 022	13	9.741 729	17	0.258 271	9.942 293	4	113	
888	9.684 036	14	9.741 747	18	0.258 253	9.942 289	4	112	
889	9.684 050	14	9.741 765	18	0.258 235	9.942 285	4	111	13
.890	9.684 064	14	9.741 783	18	0.258 217	9.942 280	5	.110	
		13		18			4		1 1.3
891	9.684 077	13	9.741 801	18	0.258 199	9.942 276	4	109	2 2.6
892	9.684 091	14	9.741 819	18	0.258 181	9.942 272	4	108	3 3.9
893	9.684 105	14	9.741 837	18	0.258 163	9.942 268	4	107	4 5.2
894	9.684 119	14	9.741 855	18	0.258 145	9.942 264	4	106	5 6.5
895	9.684 132	13	9.741 873	18	0.258 127	9.942 259	5	105	6 7.8
896	9.684 146	14	9.741 891	18	0.258 109	9.942 255	4	104	7 9.1
897	9.684 160	14	9.741 909	18	0.258 091	9.942 251	4	103	8 10.4
898	9.684 174	14	9.741 927	18	0.258 073	9.942 247	4	102	9 11.7
899	9.684 187	13	9.741 944	17	0.258 056	9.942 243	4	101	
.900	9.684 201	14	9.741 962	18	0.258 038	9.942 239	4	.100	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.150 — 61°.100

28°.900 — 28°.950

28°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.684 201		9.741 962		0.258 038	9.942 239		.100	
901	9.684 215	14	9.741 980	18	0.258 020	9.942 234	5	099	
902	9.684 228	13	9.741 998	18	0.258 002	9.942 230	4	098	
903	9.684 242	14	9.742 016	18	0.257 984	9.942 226	4	097	
904	9.684 256	14	9.742 034	18	0.257 966	9.942 222	4	096	18
905	9.684 270	14	9.742 052	18	0.257 948	9.942 218	4	095	1 1.8
906	9.684 283	13	9.742 070	18	0.257 930	9.942 213	5	094	2 3.6
907	9.684 297	14	9.742 088	18	0.257 912	9.942 209	4	093	3 5.4
908	9.684 311	14	9.742 106	18	0.257 894	9.942 205	4	092	4 7.2
909	9.684 325	14	9.742 124	18	0.257 876	9.942 201	4	091	5 9.0
.910	9.684 338	13	9.742 142	18	0.257 858	9.942 197	4	.090	6 10.8
911	9.684 352	14	9.742 159	17	0.257 841	9.942 193	4	089	7 12.6
912	9.684 366	14	9.742 177	18	0.257 823	9.942 188	5	088	8 14.4
913	9.684 379	13	9.742 195	18	0.257 805	9.942 184	4	087	9 16.2
914	9.684 393	14	9.742 213	18	0.257 787	9.942 180	4	086	
915	9.684 407	14	9.742 231	18	0.257 769	9.942 176	4	085	
916	9.684 421	14	9.742 249	18	0.257 751	9.942 172	4	084	17
917	9.684 434	13	9.742 267	18	0.257 733	9.942 167	5	083	1 1.7
918	9.684 448	14	9.742 285	18	0.257 715	9.942 163	4	082	2 3.4
919	9.684 462	14	9.742 303	18	0.257 697	9.942 159	4	081	3 5.1
.920	9.684 475	13	9.742 321	18	0.257 679	9.942 155	4	.080	4 6.8
921	9.684 489	14	9.742 339	18	0.257 661	9.942 151	4	079	5 8.5
922	9.684 503	14	9.742 356	17	0.257 644	9.942 146	5	078	6 10.2
923	9.684 517	14	9.742 374	18	0.257 626	9.942 142	4	077	7 11.9
924	9.684 530	13	9.742 392	18	0.257 608	9.942 138	4	076	8 13.6
925	9.684 544	14	9.742 410	18	0.257 590	9.942 134	4	075	9 15.3
926	9.684 558	14	9.742 428	18	0.257 572	9.942 130	4	074	
927	9.684 571	13	9.742 446	18	0.257 554	9.942 126	4	073	
928	9.684 585	14	9.742 464	18	0.257 536	9.942 121	5	072	14
929	9.684 599	14	9.742 482	18	0.257 518	9.942 117	4	071	1 1.4
.930	9.684 613	14	9.742 500	18	0.257 500	9.942 113	4	.070	2 2.8
931	9.684 626	13	9.742 518	18	0.257 482	9.942 109	4	069	3 4.2
932	9.684 640	14	9.742 535	17	0.257 465	9.942 105	4	068	4 5.6
933	9.684 654	14	9.742 553	18	0.257 447	9.942 100	5	067	5 7.0
934	9.684 667	13	9.742 571	18	0.257 429	9.942 096	4	066	6 8.4
935	9.684 681	14	9.742 589	18	0.257 411	9.942 092	4	065	7 9.8
936	9.684 695	14	9.742 607	18	0.257 393	9.942 088	4	064	8 11.2
937	9.684 709	14	9.742 625	18	0.257 375	9.942 084	4	063	9 12.6
938	9.684 722	13	9.742 643	18	0.257 357	9.942 079	5	062	
939	9.684 736	14	9.742 661	18	0.257 339	9.942 075	4	061	
.940	9.684 750	14	9.742 679	18	0.257 321	9.942 071	4	.060	13
941	9.684 763	13	9.742 697	18	0.257 303	9.942 067	4	059	1 1.3
942	9.684 777	14	9.742 715	18	0.257 285	9.942 063	4	058	2 2.6
943	9.684 791	14	9.742 732	17	0.257 268	9.942 058	5	057	3 3.9
944	9.684 805	14	9.742 750	18	0.257 250	9.942 054	4	056	4 5.2
945	9.684 818	13	9.742 768	18	0.257 232	9.942 050	4	055	5 6.5
946	9.684 832	14	9.742 786	18	0.257 214	9.942 046	4	054	6 7.8
947	9.684 846	14	9.742 804	18	0.257 196	9.942 042	4	053	7 9.1
948	9.684 859	13	9.742 822	18	0.257 178	9.942 038	4	052	8 10.4
949	9.684 873	14	9.742 840	18	0.257 160	9.942 033	5	051	9 11.7
.950	9.684 887	14	9.742 858	18	0.257 142	9.942 029	4	.050	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.100 — 61°.050

28°.950 — 29°.000

28°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.684 887		9.742 858		0.257 142	9.942 029		.050	
951	9.684 901	14	9.742 876	18	0.257 124	9.942 025	4	049	
952	9.684 914	13	9.742 893	17	0.257 107	9.942 021	4	048	
953	9.684 928	14	9.742 911	18	0.257 089	9.942 017	4	047	
		14		18			5		18
954	9.684 942	14	9.742 929	18	0.257 071	9.942 012	4	046	
955	9.684 955	13	9.742 947	18	0.257 053	9.942 008	4	045	1 1.8
956	9.684 969	14	9.742 965	18	0.257 035	9.942 004	4	044	2 3.6
		14		18			4		3 5.4
957	9.684 983	14	9.742 983	18	0.257 017	9.942 000	4	043	4 7.2
958	9.684 996	13	9.743 001	18	0.256 999	9.941 996	4	042	5 9.0
959	9.685 010	14	9.743 019	18	0.256 981	9.941 991	5	041	6 10.8
		14		18			4		7 12.6
.960	9.685 024	13	9.743 037	18	0.256 963	9.941 987	4	.040	8 14.4
		13		18			4		9 16.2
961	9.685 037	14	9.743 055	17	0.256 945	9.941 983	4	039	
962	9.685 051	14	9.743 072	18	0.256 928	9.941 979	4	038	
963	9.685 065	14	9.743 090	18	0.256 910	9.941 975	4	037	
		14		18			5		17
964	9.685 079	13	9.743 108	18	0.256 892	9.941 970	4	036	
965	9.685 092	14	9.743 126	18	0.256 874	9.941 966	4	035	
966	9.685 106	14	9.743 144	18	0.256 856	9.941 962	4	034	
		14		18			4		1 1.7
967	9.685 120	13	9.743 162	18	0.256 838	9.941 958	4	033	2 3.4
968	9.685 133	14	9.743 180	18	0.256 820	9.941 954	4	032	3 5.1
969	9.685 147	14	9.743 198	18	0.256 802	9.941 949	5	031	4 6.8
		14		18			4		5 8.5
.970	9.685 161	13	9.743 216	17	0.256 784	9.941 945	4	.030	6 10.2
		13		18			4		7 11.9
971	9.685 174	14	9.743 233	18	0.256 767	9.941 941	4	029	8 13.6
972	9.685 188	14	9.743 251	18	0.256 749	9.941 937	4	028	9 15.3
973	9.685 202	14	9.743 269	18	0.256 731	9.941 933	4	027	
		14		18			5		
974	9.685 216	13	9.743 287	18	0.256 713	9.941 928	4	026	
975	9.685 229	14	9.743 305	18	0.256 695	9.941 924	4	025	
976	9.685 243	14	9.743 323	18	0.256 677	9.941 920	4	024	
		14		18			4		
977	9.685 257	13	9.743 341	18	0.256 659	9.941 916	4	023	14
978	9.685 270	14	9.743 359	18	0.256 641	9.941 912	4	022	
979	9.685 284	14	9.743 376	17	0.256 624	9.941 907	5	021	
		14		18			4		1 1.4
.980	9.685 298	13	9.743 394	18	0.256 606	9.941 903	4	.020	2 2.8
		13		18			4		3 4.2
981	9.685 311	14	9.743 412	18	0.256 588	9.941 899	4	019	4 5.6
982	9.685 325	14	9.743 430	18	0.256 570	9.941 895	4	018	5 7.0
983	9.685 339	14	9.743 448	18	0.256 552	9.941 891	4	017	6 8.4
		13		18			5		7 9.8
984	9.685 352	14	9.743 466	18	0.256 534	9.941 886	4	016	8 11.2
985	9.685 366	14	9.743 484	18	0.256 516	9.941 882	4	015	9 12.6
986	9.685 380	14	9.743 502	18	0.256 498	9.941 878	4	014	
		13		18			4		
987	9.685 393	14	9.743 520	17	0.256 480	9.941 874	4	013	
988	9.685 407	14	9.743 537	18	0.256 463	9.941 870	4	012	
989	9.685 421	14	9.743 555	18	0.256 445	9.941 865	5	011	
		13		18			4		13
.990	9.685 434	14	9.743 573	18	0.256 427	9.941 861	4	.010	1 1.3
		14		18			4		2 2.6
991	9.685 448	14	9.743 591	18	0.256 409	9.941 857	4	009	3 3.9
992	9.685 462	13	9.743 609	18	0.256 391	9.941 853	4	008	4 5.2
993	9.685 475	14	9.743 627	18	0.256 373	9.941 849	4	007	5 6.5
		14		18			5		6 7.8
994	9.685 489	14	9.743 645	18	0.256 355	9.941 844	4	006	7 9.1
995	9.685 503	14	9.743 663	18	0.256 337	9.941 840	4	005	8 10.4
996	9.685 517	14	9.743 680	17	0.256 320	9.941 836	4	004	9 11.7
		13		18			4		
997	9.685 530	14	9.743 698	18	0.256 302	9.941 832	4	003	
998	9.685 544	14	9.743 716	18	0.256 284	9.941 828	4	002	
999	9.685 558	14	9.743 734	18	0.256 266	9.941 823	5	001	
		13		18			4		
*.000	9.685 571	13	9.743 752	18	0.256 248	9.941 819	4	.000	
	cos	d	cotg	d	tang	sin	d	61°	P.P.

61°.050 — 61°.000

29°.000 — 29°.050

29°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.685 571		9.743 752		0.256 248	9.941 819		*.000	
001	9.685 585	14	9.743 770	18	0.256 230	9.941 815	4	999	
002	9.685 599	14	9.743 788	18	0.256 212	9.941 811	4	998	
003	9.685 612	13	9.743 806	18	0.256 194	9.941 807	4	997	
004	9.685 626	14	9.743 823	17	0.256 177	9.941 802	5	996	18
005	9.685 640	14	9.743 841	18	0.256 159	9.941 798	4	995	1 1.8
006	9.685 653	13	9.743 859	18	0.256 141	9.941 794	4	994	2 3.6
007	9.685 667	14	9.743 877	18	0.256 123	9.941 790	4	993	3 5.4
008	9.685 681	14	9.743 895	18	0.256 105	9.941 786	4	992	4 7.2
009	9.685 694	13	9.743 913	18	0.256 087	9.941 781	5	991	5 9.0
.010	9.685 708	14	9.743 931	18	0.256 069	9.941 777	4	.990	6 10.8
		14		18			4		7 12.6
011	9.685 722	13	9.743 949	17	0.256 051	9.941 773	4	989	8 14.4
012	9.685 735	14	9.743 966	18	0.256 034	9.941 769	4	988	9 16.2
013	9.685 749	14	9.743 984	18	0.256 016	9.941 765	4	987	
014	9.685 763	14	9.744 002	18	0.255 998	9.941 760	5	986	
015	9.685 776	13	9.744 020	18	0.255 980	9.941 756	4	985	17
016	9.685 790	14	9.744 038	18	0.255 962	9.941 752	4	984	
017	9.685 804	14	9.744 056	18	0.255 944	9.941 748	4	983	1 1.7
018	9.685 817	13	9.744 074	18	0.255 926	9.941 744	4	982	2 3.4
019	9.685 831	14	9.744 092	18	0.255 908	9.941 739	5	981	3 5.1
.020	9.685 845	14	9.744 109	17	0.255 891	9.941 735	4	.980	4 6.8
		13		18			4		5 8.5
021	9.685 858	14	9.744 127	18	0.255 873	9.941 731	4	979	6 10.2
022	9.685 872	14	9.744 145	18	0.255 855	9.941 727	4	978	7 11.9
023	9.685 886	14	9.744 163	18	0.255 837	9.941 723	4	977	8 13.6
024	9.685 899	13	9.744 181	18	0.255 819	9.941 718	5	976	9 15.3
025	9.685 913	14	9.744 199	18	0.255 801	9.941 714	4	975	
026	9.685 927	14	9.744 217	18	0.255 783	9.941 710	4	974	
027	9.685 940	13	9.744 234	17	0.255 766	9.941 706	4	973	14
028	9.685 954	14	9.744 252	18	0.255 748	9.941 702	4	972	
029	9.685 968	14	9.744 270	18	0.255 730	9.941 697	5	971	1 1.4
.030	9.685 981	13	9.744 288	18	0.255 712	9.941 693	4	.970	2 2.8
		14		18			4		3 4.2
031	9.685 995	14	9.744 306	18	0.255 694	9.941 689	4	969	4 5.6
032	9.686 009	14	9.744 324	18	0.255 676	9.941 685	4	968	5 7.0
033	9.686 022	13	9.744 342	18	0.255 658	9.941 681	4	967	6 8.4
034	9.686 036	14	9.744 360	18	0.255 640	9.941 676	5	966	7 9.8
035	9.686 049	13	9.744 377	17	0.255 623	9.941 672	4	965	8 11.2
036	9.686 063	14	9.744 395	18	0.255 605	9.941 668	4	964	9 12.6
037	9.686 077	14	9.744 413	18	0.255 587	9.941 664	4	963	
038	9.686 090	13	9.744 431	18	0.255 569	9.941 659	5	962	
039	9.686 104	14	9.744 449	18	0.255 551	9.941 655	4	961	
.040	9.686 118	14	9.744 467	18	0.255 533	9.941 651	4	.960	13
		13		18			4		1 1.3
041	9.686 131	14	9.744 485	18	0.255 515	9.941 647	4	959	2 2.6
042	9.686 145	14	9.744 502	17	0.255 498	9.941 643	4	958	3 3.9
043	9.686 159	14	9.744 520	18	0.255 480	9.941 638	5	957	4 5.2
044	9.686 172	13	9.744 538	18	0.255 462	9.941 634	4	956	5 6.5
045	9.686 186	14	9.744 556	18	0.255 444	9.941 630	4	955	6 7.8
046	9.686 200	14	9.744 574	18	0.255 426	9.941 626	4	954	7 9.1
047	9.686 213	13	9.744 592	18	0.255 408	9.941 622	4	953	8 10.4
048	9.686 227	14	9.744 610	18	0.255 390	9.941 617	5	952	9 11.7
049	9.686 241	14	9.744 627	17	0.255 373	9.941 613	4	951	
.050	9.686 254	13	9.744 645	18	0.255 355	9.941 609	4	.950	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

61°.000 — 60°.950

29°.050 — 29°.100

29°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.686 254		9.744 645		0.255 355	9.941 609		.950	
051	9.686 268	14	9.744 663	18	0.255 337	9.941 605	4	949	
052	9.686 282	14	9.744 681	18	0.255 319	9.941 601	4	948	
053	9.686 295	13	9.744 699	18	0.255 301	9.941 596	5	947	
		14		18			4		18
054	9.686 309	13	9.744 717	18	0.255 283	9.941 592	4	946	
055	9.686 322	14	9.744 735	17	0.255 265	9.941 588	4	945	1 1.8
056	9.686 336	14	9.744 752	18	0.255 248	9.941 584	4	944	2 3.6
		14		18			5		3 5.4
057	9.686 350	13	9.744 770	18	0.255 230	9.941 579	4	943	4 7.2
058	9.686 363	14	9.744 788	18	0.255 212	9.941 575	4	942	5 9.0
059	9.686 377	14	9.744 806	18	0.255 194	9.941 571	4	941	6 10.8
		13		18			4		7 12.6
.060	9.686 391		9.744 824		0.255 176	9.941 567		.940	8 14.4
		13		18			4		9 16.2
061	9.686 404	14	9.744 842	18	0.255 158	9.941 563	5	939	
062	9.686 418	14	9.744 860	18	0.255 140	9.941 558	4	938	
063	9.686 432	13	9.744 877	17	0.255 123	9.941 554	4	937	
		13		18			4		17
064	9.686 445	14	9.744 895	18	0.255 105	9.941 550	4	936	
065	9.686 459	14	9.744 913	18	0.255 087	9.941 546	4	935	
066	9.686 473	13	9.744 931	18	0.255 069	9.941 542	5	934	
		14		18			4		1 1.7
067	9.686 486	14	9.744 949	18	0.255 051	9.941 537	4	933	2 3.4
068	9.686 500	13	9.744 967	17	0.255 033	9.941 533	4	932	3 5.1
069	9.686 513	14	9.744 984	18	0.255 016	9.941 529	4	931	4 6.8
		14		18			4		5 8.5
.070	9.686 527		9.745 002		0.254 998	9.941 525		.930	6 10.2
		14		18			4		7 11.9
071	9.686 541	13	9.745 020	18	0.254 980	9.941 521	5	929	8 13.6
072	9.686 554	14	9.745 038	18	0.254 962	9.941 516	4	928	9 15.3
073	9.686 568	14	9.745 056	18	0.254 944	9.941 512	4	927	
		13		18			4		
074	9.686 582	13	9.745 074	18	0.254 926	9.941 508	4	926	
075	9.686 595	14	9.745 092	17	0.254 908	9.941 504	4	925	
076	9.686 609	13	9.745 109	18	0.254 891	9.941 499	5	924	
		14		18			4		14
077	9.686 622	14	9.745 127	18	0.254 873	9.941 495	4	923	
078	9.686 636	14	9.745 145	18	0.254 855	9.941 491	4	922	
079	9.686 650	13	9.745 163	18	0.254 837	9.941 487	4	921	
		13		18			4		1 1.4
.080	9.686 663		9.745 181		0.254 819	9.941 483		.920	2 2.8
		14		18			5		3 4.2
081	9.686 677	14	9.745 199	17	0.254 801	9.941 478	4	919	4 5.6
082	9.686 691	13	9.745 216	18	0.254 784	9.941 474	4	918	5 7.0
083	9.686 704	14	9.745 234	18	0.254 766	9.941 470	4	917	6 8.4
		14		18			4		7 9.8
084	9.686 718	14	9.745 252	18	0.254 748	9.941 466	5	916	8 11.2
085	9.686 732	13	9.745 270	18	0.254 730	9.941 461	4	915	9 12.6
086	9.686 745	14	9.745 288	18	0.254 712	9.941 457	4	914	
		13		18			4		
087	9.686 759	13	9.745 306	18	0.254 694	9.941 453	4	913	
088	9.686 772	14	9.745 324	17	0.254 676	9.941 449	4	912	
089	9.686 786	14	9.745 341	18	0.254 659	9.941 445	5	911	
		13		18			4		13
.090	9.686 800		9.745 359		0.254 641	9.941 440		.910	1 1.3
		13		18			4		2 2.6
091	9.686 813	14	9.745 377	18	0.254 623	9.941 436	4	909	3 3.9
092	9.686 827	14	9.745 395	18	0.254 605	9.941 432	4	908	4 5.2
093	9.686 841	13	9.745 413	18	0.254 587	9.941 428	4	907	5 6.5
		13		18			4		6 7.8
094	9.686 854	14	9.745 431	17	0.254 569	9.941 424	5	906	7 9.1
095	9.686 868	13	9.745 448	18	0.254 552	9.941 419	4	905	8 10.4
096	9.686 881	14	9.745 466	18	0.254 534	9.941 415	4	904	9 11.7
		14		18			4		
097	9.686 895	14	9.745 484	18	0.254 516	9.941 411	4	903	
098	9.686 909	13	9.745 502	18	0.254 498	9.941 407	4	902	
099	9.686 922	14	9.745 520	18	0.254 480	9.941 402	5	901	
		14		18			4		
.100	9.686 936		9.745 538		0.254 462	9.941 398		.900	
								60°	P.P.
	cos	d	cotg	d	tang	sin	d		

60°.950 — 60°.900

29°.100 — 29°.150

29°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.686 936		9.745 538		0.254 462	9.941 398		.900	
101	9.686 949	13	9.745 555	17	0.254 445	9.941 394	4	899	
102	9.686 963	14	9.745 573	18	0.254 427	9.941 390	4	898	
103	9.686 977	14	9.745 591	18	0.254 409	9.941 386	4	897	
104	9.686 990	13	9.745 609	18	0.254 391	9.941 381	5	896	18
105	9.687 004	14	9.745 627	18	0.254 373	9.941 377	4	895	1 1.8
106	9.687 018	14	9.745 645	18	0.254 355	9.941 373	4	894	2 3.6
107	9.687 031	13	9.745 662	17	0.254 338	9.941 369	4	893	3 5.4
108	9.687 045	14	9.745 680	18	0.254 320	9.941 364	5	892	4 7.2
109	9.687 058	13	9.745 698	18	0.254 302	9.941 360	4	891	5 9.0
.110	9.687 072	14	9.745 716	18	0.254 284	9.941 356	4	.890	6 10.8
		14		18			4		7 12.6
111	9.687 086	13	9.745 734	18	0.254 266	9.941 352	4	889	8 14.4
112	9.687 099	14	9.745 752	18	0.254 248	9.941 348	4	888	9 16.2
113	9.687 113	14	9.745 769	17	0.254 231	9.941 343	5	887	
114	9.687 126	13	9.745 787	18	0.254 213	9.941 339	4	886	
115	9.687 140	14	9.745 805	18	0.254 195	9.941 335	4	885	
116	9.687 154	14	9.745 823	18	0.254 177	9.941 331	4	884	17
117	9.687 167	13	9.745 841	18	0.254 159	9.941 326	5	883	1 1.7
118	9.687 181	14	9.745 859	18	0.254 141	9.941 322	4	882	2 3.4
119	9.687 195	14	9.745 876	17	0.254 124	9.941 318	4	881	3 5.1
.120	9.687 208	13	9.745 894	18	0.254 106	9.941 314	4	.880	4 6.8
		14		18			4		5 8.5
121	9.687 222	14	9.745 912	18	0.254 088	9.941 310	4	879	6 10.2
122	9.687 235	13	9.745 930	18	0.254 070	9.941 305	5	878	7 11.9
123	9.687 249	14	9.745 948	18	0.254 052	9.941 301	4	877	8 13.6
124	9.687 263	14	9.745 966	18	0.254 034	9.941 297	4	876	9 15.3
125	9.687 276	13	9.745 983	17	0.254 017	9.941 293	4	875	
126	9.687 290	14	9.746 001	18	0.253 999	9.941 288	5	874	
127	9.687 303	13	9.746 019	18	0.253 981	9.941 284	4	873	
128	9.687 317	14	9.746 037	18	0.253 963	9.941 280	4	872	14
129	9.687 331	14	9.746 055	18	0.253 945	9.941 276	4	871	1 1.4
.130	9.687 344	13	9.746 073	18	0.253 927	9.941 272	4	.870	2 2.8
		14		17			5		3 4.2
131	9.687 358	13	9.746 090	18	0.253 910	9.941 267	4	869	4 5.6
132	9.687 371	13	9.746 108	18	0.253 892	9.941 263	4	868	5 7.0
133	9.687 385	14	9.746 126	18	0.253 874	9.941 259	4	867	6 8.4
134	9.687 399	14	9.746 144	18	0.253 856	9.941 255	4	866	7 9.8
135	9.687 412	13	9.746 162	18	0.253 838	9.941 250	5	865	8 11.2
136	9.687 426	14	9.746 180	18	0.253 820	9.941 246	4	864	9 12.6
137	9.687 439	13	9.746 197	17	0.253 803	9.941 242	4	863	
138	9.687 453	14	9.746 215	18	0.253 785	9.941 238	4	862	
139	9.687 467	14	9.746 233	18	0.253 767	9.941 234	4	861	
.140	9.687 480	13	9.746 251	18	0.253 749	9.941 229	5	.860	13
		14		18			4		1 1.3
141	9.687 494	14	9.746 269	18	0.253 731	9.941 225	4	859	2 2.6
142	9.687 507	13	9.746 286	17	0.253 714	9.941 221	4	858	3 3.9
143	9.687 521	14	9.746 304	18	0.253 696	9.941 217	4	857	4 5.2
144	9.687 535	14	9.746 322	18	0.253 678	9.941 212	5	856	5 6.5
145	9.687 548	13	9.746 340	18	0.253 660	9.941 208	4	855	6 7.8
146	9.687 562	14	9.746 358	18	0.253 642	9.941 204	4	854	7 9.1
147	9.687 575	13	9.746 376	18	0.253 624	9.941 200	4	853	8 10.4
148	9.687 589	14	9.746 393	17	0.253 607	9.941 196	4	852	9 11.7
149	9.687 602	13	9.746 411	18	0.253 589	9.941 191	5	851	
.150	9.687 616	14	9.746 429	18	0.253 571	9.941 187	4	.850	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.900 — 60°.850

29°.150 — 29°.200

29°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.687 616		9.746 429		0.253 571	9.941 187		.850	
151	9.687 630	14	9.746 447	18	0.253 553	9.941 183	4	849	
152	9.687 643	13	9.746 465	18	0.253 535	9.941 179	4	848	
153	9.687 657	14	9.746 482	17	0.253 518	9.941 174	5	847	
154	9.687 670	13	9.746 500	18	0.253 500	9.941 170	4	846	18
155	9.687 684	14	9.746 518	18	0.253 482	9.941 166	4	845	1 1.8
156	9.687 698	14	9.746 536	18	0.253 464	9.941 162	4	844	2 3.6
157	9.687 711	13	9.746 554	18	0.253 446	9.941 157	5	843	3 5.4
158	9.687 725	14	9.746 572	18	0.253 428	9.941 153	4	842	4 7.2
159	9.687 738	13	9.746 589	17	0.253 411	9.941 149	4	841	5 9.0
.160	9.687 752	14	9.746 607	18	0.253 393	9.941 145	4	.840	6 10.8
161	9.687 766	14	9.746 625	18	0.253 375	9.941 141	4	839	7 12.6
162	9.687 779	13	9.746 643	18	0.253 357	9.941 136	5	838	8 14.4
163	9.687 793	14	9.746 661	18	0.253 339	9.941 132	4	837	9 16.2
164	9.687 806	13	9.746 678	17	0.253 322	9.941 128	4	836	
165	9.687 820	14	9.746 696	18	0.253 304	9.941 124	4	835	17
166	9.687 833	13	9.746 714	18	0.253 286	9.941 119	5	834	
167	9.687 847	14	9.746 732	18	0.253 268	9.941 115	4	833	1 1.7
168	9.687 861	14	9.746 750	18	0.253 250	9.941 111	4	832	2 3.4
169	9.687 874	13	9.746 767	17	0.253 233	9.941 107	4	831	3 5.1
.170	9.687 888	14	9.746 785	18	0.253 215	9.941 102	5	.830	4 6.8
171	9.687 901	13	9.746 803	18	0.253 197	9.941 098	4	829	5 8.5
172	9.687 915	14	9.746 821	18	0.253 179	9.941 094	4	828	6 10.2
173	9.687 929	14	9.746 839	18	0.253 161	9.941 090	4	827	7 11.9
174	9.687 942	13	9.746 857	18	0.253 143	9.941 086	4	826	8 13.6
175	9.687 956	14	9.746 874	17	0.253 126	9.941 081	5	825	9 15.3
176	9.687 969	13	9.746 892	18	0.253 108	9.941 077	4	824	
177	9.687 983	14	9.746 910	18	0.253 090	9.941 073	4	823	14
178	9.687 996	13	9.746 928	18	0.253 072	9.941 069	4	822	
179	9.688 010	14	9.746 946	18	0.253 054	9.941 064	5	821	1 1.4
.180	9.688 024	14	9.746 963	17	0.253 037	9.941 060	4	.820	2 2.8
181	9.688 037	13	9.746 981	18	0.253 019	9.941 056	4	819	3 4.2
182	9.688 051	14	9.746 999	18	0.253 001	9.941 052	4	818	4 5.6
183	9.688 064	13	9.747 017	18	0.252 983	9.941 047	5	817	5 7.0
184	9.688 078	14	9.747 035	18	0.252 965	9.941 043	4	816	6 8.4
185	9.688 091	13	9.747 052	17	0.252 948	9.941 039	4	815	7 9.8
186	9.688 105	14	9.747 070	18	0.252 930	9.941 035	4	814	8 11.2
187	9.688 119	14	9.747 088	18	0.252 912	9.941 031	4	813	9 12.6
188	9.688 132	13	9.747 106	18	0.252 894	9.941 026	5	812	
189	9.688 146	14	9.747 124	18	0.252 876	9.941 022	4	811	13
.190	9.688 159	13	9.747 141	17	0.252 859	9.941 018	4	.810	
191	9.688 173	14	9.747 159	18	0.252 841	9.941 014	4	809	1 1.3
192	9.688 186	13	9.747 177	18	0.252 823	9.941 009	5	808	2 2.6
193	9.688 200	14	9.747 195	18	0.252 805	9.941 005	4	807	3 3.9
194	9.688 214	14	9.747 213	18	0.252 787	9.941 001	4	806	4 5.2
195	9.688 227	13	9.747 230	17	0.252 770	9.940 997	4	805	5 6.5
196	9.688 241	14	9.747 248	18	0.252 752	9.940 992	5	804	6 7.8
197	9.688 254	13	9.747 266	18	0.252 734	9.940 988	4	803	7 9.1
198	9.688 268	14	9.747 284	18	0.252 716	9.940 984	4	802	8 10.4
199	9.688 281	13	9.747 302	18	0.252 698	9.940 980	4	801	9 11.7
.200	9.688 295	14	9.747 319	17	0.252 681	9.940 975	5	.800	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.850 — 60°.800

29°.200 — 29°.250

29°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.688 295		9.747 319		0.252 681	9.940 975		.800	
201	9.688 308	13	9.747 337	18	0.252 663	9.940 971	4	799	
202	9.688 322	14	9.747 355	18	0.252 645	9.940 967	4	798	
203	9.688 336	14	9.747 373	18	0.252 627	9.940 963	4	797	
204	9.688 349	13	9.747 391	18	0.252 609	9.940 959	4	796	18
205	9.688 363	14	9.747 408	17	0.252 592	9.940 954	5	795	1 1.8
206	9.688 376	13	9.747 426	18	0.252 574	9.940 950	4	794	2 3.6
207	9.688 390	14	9.747 444	18	0.252 556	9.940 946	4	793	3 5.4
208	9.688 403	13	9.747 462	18	0.252 538	9.940 942	4	792	4 7.2
209	9.688 417	14	9.747 480	18	0.252 520	9.940 937	5	791	5 9.0
.210	9.688 431	14	9.747 497	17	0.252 503	9.940 933	4	.790	6 10.8
211	9.688 444	13	9.747 515	18	0.252 485	9.940 929	4	789	7 12.6
212	9.688 458	14	9.747 533	18	0.252 467	9.940 925	4	788	8 14.4
213	9.688 471	13	9.747 551	18	0.252 449	9.940 920	5	787	9 16.2
214	9.688 485	14	9.747 569	18	0.252 431	9.940 916	4	786	
215	9.688 498	13	9.747 586	17	0.252 414	9.940 912	4	785	17
216	9.688 512	14	9.747 604	18	0.252 396	9.940 908	4	784	
217	9.688 525	13	9.747 622	18	0.252 378	9.940 903	5	783	1 1.7
218	9.688 539	14	9.747 640	18	0.252 360	9.940 899	4	782	2 3.4
219	9.688 552	13	9.747 658	18	0.252 342	9.940 895	4	781	3 5.1
.220	9.688 566	14	9.747 675	17	0.252 325	9.940 891	4	.780	4 6.8
221	9.688 580	14	9.747 693	18	0.252 307	9.940 886	5	779	5 8.5
222	9.688 593	13	9.747 711	18	0.252 289	9.940 882	4	778	6 10.2
223	9.688 607	14	9.747 729	18	0.252 271	9.940 878	4	777	7 11.9
224	9.688 620	13	9.747 746	17	0.252 254	9.940 874	4	776	8 13.6
225	9.688 634	14	9.747 764	18	0.252 236	9.940 870	4	775	9 15.3
226	9.688 647	13	9.747 782	18	0.252 218	9.940 865	5	774	
227	9.688 661	14	9.747 800	18	0.252 200	9.940 861	4	773	14
228	9.688 674	13	9.747 818	18	0.252 182	9.940 857	4	772	
229	9.688 688	14	9.747 835	17	0.252 165	9.940 853	4	771	1 1.4
.230	9.688 702	14	9.747 853	18	0.252 147	9.940 848	5	.770	2 2.8
231	9.688 715	13	9.747 871	18	0.252 129	9.940 844	4	769	3 4.2
232	9.688 729	14	9.747 889	18	0.252 111	9.940 840	4	768	4 5.6
233	9.688 742	13	9.747 907	18	0.252 093	9.940 836	4	767	5 7.0
234	9.688 756	14	9.747 924	17	0.252 076	9.940 831	5	766	6 8.4
235	9.688 769	13	9.747 942	18	0.252 058	9.940 827	4	765	7 9.8
236	9.688 783	14	9.747 960	18	0.252 040	9.940 823	4	764	8 11.2
237	9.688 796	13	9.747 978	18	0.252 022	9.940 819	4	763	9 12.6
238	9.688 810	14	9.747 996	18	0.252 004	9.940 814	5	762	
239	9.688 823	13	9.748 013	17	0.251 987	9.940 810	4	761	
.240	9.688 837	14	9.748 031	18	0.251 969	9.940 806	4	.760	13
241	9.688 851	14	9.748 049	18	0.251 951	9.940 802	4	759	1 1.3
242	9.688 864	13	9.748 067	18	0.251 933	9.940 797	5	758	2 2.6
243	9.688 878	14	9.748 084	17	0.251 916	9.940 793	4	757	3 3.9
244	9.688 891	13	9.748 102	18	0.251 898	9.940 789	4	756	4 5.2
245	9.688 905	14	9.748 120	18	0.251 880	9.940 785	4	755	5 6.5
246	9.688 918	13	9.748 138	18	0.251 862	9.940 780	5	754	6 7.8
247	9.688 932	14	9.748 156	18	0.251 844	9.940 776	4	753	7 9.1
248	9.688 945	13	9.748 173	17	0.251 827	9.940 772	4	752	8 10.4
249	9.688 959	14	9.748 191	18	0.251 809	9.940 768	4	751	9 11.7
.250	9.688 972	13	9.748 209	18	0.251 791	9.940 763	5	.750	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.800 — 60°.750

29°.250 — 29°.300

29°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.688 972		9.748 209		0.251 791	9.940 763		.750	
251	9.688 986	14	9.748 227	18	0.251 773	9.940 759	4	749	
252	9.688 999	13	9.748 244	17	0.251 756	9.940 755	4	748	
253	9.689 013	14	9.748 262	18	0.251 738	9.940 751	4	747	
254	9.689 026	13	9.748 280	18	0.251 720	9.940 746	5	746	18
255	9.689 040	14	9.748 298	18	0.251 702	9.940 742	4	745	1 1.8
256	9.689 054	14	9.748 316	18	0.251 684	9.940 738	4	744	2 3.6
257	9.689 067	13	9.748 333	17	0.251 667	9.940 734	4	743	3 5.4
258	9.689 081	14	9.748 351	18	0.251 649	9.940 729	5	742	4 7.2
259	9.689 094	13	9.748 369	18	0.251 631	9.940 725	4	741	5 9.0
.260	9.689 108	14	9.748 387	18	0.251 613	9.940 721	4	.740	6 10.8
261	9.689 121	13	9.748 404	17	0.251 596	9.940 717	4	739	7 12.6
262	9.689 135	14	9.748 422	18	0.251 578	9.940 712	5	738	8 14.4
263	9.689 148	13	9.748 440	18	0.251 560	9.940 708	4	737	9 16.2
264	9.689 162	14	9.748 458	18	0.251 542	9.940 704	4	736	
265	9.689 175	13	9.748 476	18	0.251 524	9.940 700	4	735	17
266	9.689 189	14	9.748 493	17	0.251 507	9.940 696	4	734	
267	9.689 202	13	9.748 511	18	0.251 489	9.940 691	5	733	1 1.7
268	9.689 216	14	9.748 529	18	0.251 471	9.940 687	4	732	2 3.4
269	9.689 229	13	9.748 547	18	0.251 453	9.940 683	4	731	3 5.1
.270	9.689 243	14	9.748 564	17	0.251 436	9.940 679	4	.730	4 6.8
271	9.689 256	13	9.748 582	18	0.251 418	9.940 674	5	729	5 8.5
272	9.689 270	14	9.748 600	18	0.251 400	9.940 670	4	728	6 10.2
273	9.689 283	13	9.748 618	18	0.251 382	9.940 666	4	727	7 11.9
274	9.689 297	14	9.748 635	17	0.251 365	9.940 662	4	726	8 13.6
275	9.689 311	14	9.748 653	18	0.251 347	9.940 657	5	725	9 15.3
276	9.689 324	13	9.748 671	18	0.251 329	9.940 653	4	724	
277	9.689 338	14	9.748 689	18	0.251 311	9.940 649	4	723	14
278	9.689 351	13	9.748 707	18	0.251 293	9.940 645	4	722	
279	9.689 365	14	9.748 724	17	0.251 276	9.940 640	5	721	1 1.4
.280	9.689 378	13	9.748 742	18	0.251 258	9.940 636	4	.720	2 2.8
281	9.689 392	14	9.748 760	18	0.251 240	9.940 632	4	719	3 4.2
282	9.689 405	13	9.748 778	18	0.251 222	9.940 628	4	718	4 5.6
283	9.689 419	14	9.748 795	17	0.251 205	9.940 623	5	717	5 7.0
284	9.689 432	13	9.748 813	18	0.251 187	9.940 619	4	716	6 8.4
285	9.689 446	14	9.748 831	18	0.251 169	9.940 615	4	715	7 9.8
286	9.689 459	13	9.748 849	18	0.251 151	9.940 611	4	714	8 11.2
287	9.689 473	14	9.748 866	17	0.251 134	9.940 606	5	713	9 12.6
288	9.689 486	13	9.748 884	18	0.251 116	9.940 602	4	712	
289	9.689 500	14	9.748 902	18	0.251 098	9.940 598	4	711	13
.290	9.689 513	13	9.748 920	18	0.251 080	9.940 594	4	.710	
291	9.689 527	14	9.748 938	18	0.251 062	9.940 589	5	709	1 1.3
292	9.689 540	13	9.748 955	17	0.251 045	9.940 585	4	708	2 2.6
293	9.689 554	14	9.748 973	18	0.251 027	9.940 581	4	707	3 3.9
294	9.689 567	13	9.748 991	18	0.251 009	9.940 577	4	706	4 5.2
295	9.689 581	14	9.749 009	18	0.250 991	9.940 572	5	705	5 6.5
296	9.689 594	13	9.749 026	17	0.250 974	9.940 568	4	704	6 7.8
297	9.689 608	14	9.749 044	18	0.250 956	9.940 564	4	703	7 9.1
298	9.689 621	13	9.749 062	18	0.250 938	9.940 559	5	702	8 10.4
299	9.689 635	14	9.749 080	18	0.250 920	9.940 555	4	701	9 11.7
.300	9.689 648	13	9.749 097	17	0.250 903	9.940 551	4	.700	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.750 — 60°.700

29°.300 — 29°.350

29°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.689 648		9.749 097		0.250 903	9.940 551		.700	
301	9.689 662	14	9.749 115	18	0.250 885	9.940 547	4	699	
302	9.689 675	13	9.749 133	18	0.250 867	9.940 542	5	698	
303	9.689 689	14	9.749 151	18	0.250 849	9.940 538	4	697	
304	9.689 702	13	9.749 168	17	0.250 832	9.940 534	4	696	18
305	9.689 716	14	9.749 186	18	0.250 814	9.940 530	4	695	1 1.8
306	9.689 729	13	9.749 204	18	0.250 796	9.940 525	5	694	2 3.6
307	9.689 743	14	9.749 222	18	0.250 778	9.940 521	4	693	3 5.4
308	9.689 756	13	9.749 239	17	0.250 761	9.940 517	4	692	4 7.2
309	9.689 770	14	9.749 257	18	0.250 743	9.940 513	4	691	5 9.0
.310	9.689 783	13	9.749 275	18	0.250 725	9.940 508	5	.690	6 10.8
		14		18			4		7 12.6
311	9.689 797	13	9.749 293	18	0.250 707	9.940 504	4	689	8 14.4
312	9.689 810	14	9.749 311	18	0.250 689	9.940 500	4	688	9 16.2
313	9.689 824	13	9.749 328	17	0.250 672	9.940 496	4	687	
314	9.689 837	14	9.749 346	18	0.250 654	9.940 491	5	686	
315	9.689 851	13	9.749 364	18	0.250 636	9.940 487	4	685	
316	9.689 864	14	9.749 382	18	0.250 618	9.940 483	4	684	17
317	9.689 878	13	9.749 399	17	0.250 601	9.940 479	4	683	1 1.7
318	9.689 891	14	9.749 417	18	0.250 583	9.940 474	5	682	2 3.4
319	9.689 905	13	9.749 435	18	0.250 565	9.940 470	4	681	3 5.1
.320	9.689 918	14	9.749 453	18	0.250 547	9.940 466	4	.680	4 6.8
		13		17			4		5 8.5
321	9.689 932	14	9.749 470	18	0.250 530	9.940 462	5	679	6 10.2
322	9.689 945	13	9.749 488	18	0.250 512	9.940 457	4	678	7 11.9
323	9.689 959	14	9.749 506	18	0.250 494	9.940 453	4	677	8 13.6
324	9.689 972	13	9.749 524	18	0.250 476	9.940 449	4	676	9 15.3
325	9.689 986	14	9.749 541	17	0.250 459	9.940 445	4	675	
326	9.689 999	13	9.749 559	18	0.250 441	9.940 440	5	674	
327	9.690 013	14	9.749 577	18	0.250 423	9.940 436	4	673	
328	9.690 026	13	9.749 595	18	0.250 405	9.940 432	4	672	14
329	9.690 040	14	9.749 612	17	0.250 388	9.940 428	4	671	1 1.4
.330	9.690 053	13	9.749 630	18	0.250 370	9.940 423	5	.670	2 2.8
		14		18			4		3 4.2
331	9.690 067	13	9.749 648	18	0.250 352	9.940 419	4	669	4 5.6
332	9.690 080	14	9.749 666	17	0.250 334	9.940 415	4	668	5 7.0
333	9.690 094	13	9.749 683	18	0.250 317	9.940 411	4	667	6 8.4
334	9.690 107	14	9.749 701	18	0.250 299	9.940 406	5	666	7 9.8
335	9.690 121	13	9.749 719	18	0.250 281	9.940 402	4	665	8 11.2
336	9.690 134	14	9.749 737	17	0.250 263	9.940 398	4	664	9 12.6
337	9.690 148	13	9.749 754	18	0.250 246	9.940 393	5	663	
338	9.690 161	14	9.749 772	18	0.250 228	9.940 389	4	662	
339	9.690 175	13	9.749 790	18	0.250 210	9.940 385	4	661	
.340	9.690 188	14	9.749 808	17	0.250 192	9.940 381	5	.660	13
		13		18			4		1 1.3
341	9.690 202	14	9.749 825	17	0.250 175	9.940 376	5	659	2 2.6
342	9.690 215	13	9.749 843	18	0.250 157	9.940 372	4	658	3 3.9
343	9.690 229	14	9.749 861	18	0.250 139	9.940 368	4	657	4 5.2
344	9.690 242	13	9.749 879	18	0.250 121	9.940 364	4	656	5 6.5
345	9.690 256	14	9.749 896	17	0.250 104	9.940 359	5	655	6 7.8
346	9.690 269	13	9.749 914	18	0.250 086	9.940 355	4	654	7 9.1
347	9.690 283	14	9.749 932	18	0.250 068	9.940 351	4	653	8 10.4
348	9.690 296	13	9.749 949	17	0.250 051	9.940 347	4	652	9 11.7
349	9.690 310	14	9.749 967	18	0.250 033	9.940 342	5	651	
.350	9.690 323	13	9.749 985	18	0.250 015	9.940 338	4	.650	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.700 — 60°.650

29°.350 — 29°.400

29°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.690 323		9.749 985		0.250 015	9.940 338		.650	
351	9.690 337	14	9.750 003	18	0.249 997	9.940 334	4	649	
352	9.690 350	13	9.750 020	17	0.249 980	9.940 330	4	648	
353	9.690 363	13	9.750 038	18	0.249 962	9.940 325	5	647	
		14		18			4		18
354	9.690 377	13	9.750 056	18	0.249 944	9.940 321	4	646	1
355	9.690 390	14	9.750 074	17	0.249 926	9.940 317	4	645	2
356	9.690 404	13	9.750 091	18	0.249 909	9.940 313	4	644	3
		14		18			5		4
357	9.690 417	13	9.750 109	18	0.249 891	9.940 308	4	643	5
358	9.690 431	14	9.750 127	18	0.249 873	9.940 304	4	642	6
359	9.690 444	13	9.750 145	18	0.249 855	9.940 300	4	641	7
		14		17			5		8
.360	9.690 458	13	9.750 162	18	0.249 838	9.940 295	4	.640	9
361	9.690 471	14	9.750 180	18	0.249 820	9.940 291	4	639	
362	9.690 485	13	9.750 198	18	0.249 802	9.940 287	4	638	
363	9.690 498	14	9.750 216	17	0.249 784	9.940 283	5	637	
		13		18			4		17
364	9.690 512	13	9.750 233	18	0.249 767	9.940 278	4	636	1
365	9.690 525	14	9.750 251	18	0.249 749	9.940 274	4	635	2
366	9.690 539	13	9.750 269	18	0.249 731	9.940 270	4	634	3
		14		18			5		4
367	9.690 552	13	9.750 287	17	0.249 713	9.940 266	4	633	5
368	9.690 566	14	9.750 304	18	0.249 696	9.940 261	4	632	6
369	9.690 579	13	9.750 322	18	0.249 678	9.940 257	4	631	7
		14		18			4		8
.370	9.690 593	13	9.750 340	17	0.249 660	9.940 253	4	.630	9
371	9.690 606	13	9.750 357	18	0.249 643	9.940 249	5	629	
372	9.690 619	14	9.750 375	18	0.249 625	9.940 244	4	628	
373	9.690 633	13	9.750 393	18	0.249 607	9.940 240	4	627	
		14		18			5		
374	9.690 646	13	9.750 411	17	0.249 589	9.940 236	4	626	
375	9.690 660	14	9.750 428	18	0.249 572	9.940 231	4	625	
376	9.690 673	13	9.750 446	18	0.249 554	9.940 227	4	624	
		14		18			4		
377	9.690 687	13	9.750 464	18	0.249 536	9.940 223	4	623	14
378	9.690 700	14	9.750 482	17	0.249 518	9.940 219	4	622	1
379	9.690 714	13	9.750 499	18	0.249 501	9.940 214	5	621	2
		14		18			4		3
.380	9.690 727	13	9.750 517	18	0.249 483	9.940 210	4	.620	4
381	9.690 741	13	9.750 535	18	0.249 465	9.940 206	4	619	5
382	9.690 754	14	9.750 553	17	0.249 447	9.940 202	5	618	6
383	9.690 768	13	9.750 570	18	0.249 430	9.940 197	4	617	7
		14		18			4		8
384	9.690 781	13	9.750 588	18	0.249 412	9.940 193	4	616	9
385	9.690 795	14	9.750 606	17	0.249 394	9.940 189	4	615	
386	9.690 808	13	9.750 623	18	0.249 377	9.940 185	4	614	
		14		18			5		
387	9.690 821	13	9.750 641	18	0.249 359	9.940 180	4	613	
388	9.690 835	14	9.750 659	18	0.249 341	9.940 176	4	612	
389	9.690 848	13	9.750 677	18	0.249 323	9.940 172	4	611	
		14		17			5		13
.390	9.690 862	13	9.750 694	18	0.249 306	9.940 167	4	.610	1
391	9.690 875	14	9.750 712	18	0.249 288	9.940 163	4	609	2
392	9.690 889	13	9.750 730	18	0.249 270	9.940 159	4	608	3
393	9.690 902	14	9.750 748	17	0.249 252	9.940 155	5	607	4
		13		18			4		5
394	9.690 916	13	9.750 765	18	0.249 235	9.940 150	4	606	6
395	9.690 929	14	9.750 783	18	0.249 217	9.940 146	4	605	7
396	9.690 943	13	9.750 801	17	0.249 199	9.940 142	4	604	8
		14		18			4		9
397	9.690 956	13	9.750 818	18	0.249 182	9.940 138	4	603	
398	9.690 969	14	9.750 836	18	0.249 164	9.940 133	5	602	
399	9.690 983	13	9.750 854	18	0.249 146	9.940 129	4	601	
		14		18			4		
.400	9.690 996	13	9.750 872	18	0.249 128	9.940 125	4	.600	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.650 — 60°.600

29°.400 — 29°.450

29°	sin	d	tang	d	cotg	cos	d		P.P.
•400	9.690 996		9.750 872		0.249 128	9.940 125		•600	
401	9.691 010	14	9.750 889	17	0.249 111	9.940 120	5	599	
402	9.691 023	13	9.750 907	18	0.249 093	9.940 116	4	598	
403	9.691 037	14	9.750 925	18	0.249 075	9.940 112	4	597	
404	9.691 050	13	9.750 942	17	0.249 058	9.940 108	4	596	18
405	9.691 064	14	9.750 960	18	0.249 040	9.940 103	5	595	1 1.8
406	9.691 077	13	9.750 978	18	0.249 022	9.940 099	4	594	2 3.6
407	9.691 091	14	9.750 996	18	0.249 004	9.940 095	4	593	3 5.4
408	9.691 104	13	9.751 013	17	0.248 987	9.940 091	4	592	4 7.2
409	9.691 117	13	9.751 031	18	0.248 969	9.940 086	5	591	5 9.0
•410	9.691 131	14	9.751 049	18	0.248 951	9.940 082	4	•590	6 10.8
		13		18			4		7 12.6
411	9.691 144	14	9.751 067	17	0.248 933	9.940 078	5	589	8 14.4
412	9.691 158	13	9.751 084	18	0.248 916	9.940 073	4	588	9 16.2
413	9.691 171	13	9.751 102	18	0.248 898	9.940 069	4	587	
414	9.691 185	14	9.751 120	18	0.248 880	9.940 065	4	586	
415	9.691 198	13	9.751 137	17	0.248 863	9.940 061	4	585	
416	9.691 212	14	9.751 155	18	0.248 845	9.940 056	5	584	17
417	9.691 225	13	9.751 173	18	0.248 827	9.940 052	4	583	1 1.7
418	9.691 238	13	9.751 191	18	0.248 809	9.940 048	4	582	2 3.4
419	9.691 252	14	9.751 208	17	0.248 792	9.940 044	4	581	3 5.1
•420	9.691 265	13	9.751 226	18	0.248 774	9.940 039	5	•580	4 6.8
		14		18			4		5 8.5
421	9.691 279	13	9.751 244	17	0.248 756	9.940 035	4	579	6 10.2
422	9.691 292	14	9.751 261	18	0.248 739	9.940 031	4	578	7 11.9
423	9.691 306	13	9.751 279	18	0.248 721	9.940 026	5	577	8 13.6
424	9.691 319	13	9.751 297	18	0.248 703	9.940 022	4	576	9 15.3
425	9.691 332	13	9.751 315	18	0.248 685	9.940 018	4	575	
426	9.691 346	14	9.751 332	17	0.248 668	9.940 014	4	574	
427	9.691 359	13	9.751 350	18	0.248 650	9.940 009	5	573	
428	9.691 373	14	9.751 368	18	0.248 632	9.940 005	4	572	14
429	9.691 386	13	9.751 385	17	0.248 615	9.940 001	4	571	1 1.4
•430	9.691 400	14	9.751 403	18	0.248 597	9.939 997	4	•570	2 2.8
		13		18			5		3 4.2
431	9.691 413	14	9.751 421	18	0.248 579	9.939 992	4	569	4 5.6
432	9.691 427	13	9.751 439	17	0.248 561	9.939 988	4	568	5 7.0
433	9.691 440	13	9.751 456	18	0.248 544	9.939 984	4	567	6 8.4
434	9.691 453	13	9.751 474	18	0.248 526	9.939 979	5	566	7 9.8
435	9.691 467	14	9.751 492	18	0.248 508	9.939 975	4	565	8 11.2
436	9.691 480	13	9.751 509	17	0.248 491	9.939 971	4	564	9 12.6
437	9.691 494	14	9.751 527	18	0.248 473	9.939 967	4	563	
438	9.691 507	13	9.751 545	18	0.248 455	9.939 962	5	562	
439	9.691 521	14	9.751 563	18	0.248 437	9.939 958	4	561	
•440	9.691 534	13	9.751 580	17	0.248 420	9.939 954	4	•560	13
		13		18			5		1 1.3
441	9.691 547	14	9.751 598	18	0.248 402	9.939 949	4	559	2 2.6
442	9.691 561	13	9.751 616	18	0.248 384	9.939 945	4	558	3 3.9
443	9.691 574	13	9.751 633	17	0.248 367	9.939 941	4	557	4 5.2
444	9.691 588	14	9.751 651	18	0.248 349	9.939 937	4	556	5 6.5
445	9.691 601	13	9.751 669	18	0.248 331	9.939 932	5	555	6 7.8
446	9.691 615	14	9.751 686	17	0.248 314	9.939 928	4	554	7 9.1
447	9.691 628	13	9.751 704	18	0.248 296	9.939 924	4	553	8 10.4
448	9.691 641	13	9.751 722	18	0.248 278	9.939 920	4	552	9 11.7
449	9.691 655	14	9.751 740	18	0.248 260	9.939 915	5	551	
•450	9.691 668	13	9.751 757	17	0.248 243	9.939 911	4	•550	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.600 — 60°.550

29°.450 — 29°.500

29°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.691 668		9.751 757		0.248 243	9.939 911		.550	
451	9.691 682	14	9.751 775	18	0.248 225	9.939 907	4	549	
452	9.691 695	13	9.751 793	18	0.248 207	9.939 902	5	548	
453	9.691 709	14	9.751 810	17	0.248 190	9.939 898	4	547	
		13		18			4		18
454	9.691 722	13	9.751 828	18	0.248 172	9.939 894	4	546	
455	9.691 735	13	9.751 846	18	0.248 154	9.939 890	4	545	1 1.8
456	9.691 749	14	9.751 864	18	0.248 136	9.939 885	5	544	2 3.6
		13		17			4		3 5.4
457	9.691 762	14	9.751 881	18	0.248 119	9.939 881	4	543	4 7.2
458	9.691 776	14	9.751 899	18	0.248 101	9.939 877	4	542	5 9.0
459	9.691 789	13	9.751 917	18	0.248 083	9.939 872	5	541	6 10.8
		13		17			4		7 12.6
.460	9.691 802	14	9.751 934	18	0.248 066	9.939 868		.540	8 14.4
461	9.691 816	13	9.751 952	18	0.248 048	9.939 864	4	539	9 16.2
462	9.691 829	13	9.751 970	18	0.248 030	9.939 860	4	538	
463	9.691 843	14	9.751 987	17	0.248 013	9.939 855	5	537	
		13		18			4		
464	9.691 856	14	9.752 005	18	0.247 995	9.939 851	4	536	
465	9.691 870	13	9.752 023	18	0.247 977	9.939 847	4	535	
466	9.691 883	13	9.752 041	18	0.247 959	9.939 842	5	534	17
		13		17			4		
467	9.691 896	14	9.752 058	18	0.247 942	9.939 838	4	533	1 1.7
468	9.691 910	14	9.752 076	18	0.247 924	9.939 834	4	532	2 3.4
469	9.691 923	13	9.752 094	18	0.247 906	9.939 830	4	531	3 5.1
		14		17			5		4 6.8
.470	9.691 937	13	9.752 111	18	0.247 889	9.939 825		.530	5 8.5
471	9.691 950	13	9.752 129	18	0.247 871	9.939 821	4	529	6 10.2
472	9.691 963	14	9.752 147	17	0.247 853	9.939 817	4	528	7 11.9
473	9.691 977	13	9.752 164	18	0.247 836	9.939 813	4	527	8 13.6
		14		18			5		9 15.3
474	9.691 990	14	9.752 182	18	0.247 818	9.939 808	4	526	
475	9.692 004	13	9.752 200	17	0.247 800	9.939 804	4	525	
476	9.692 017	14	9.752 217	18	0.247 783	9.939 800	4	524	
		13		18			5		
477	9.692 031	13	9.752 235	18	0.247 765	9.939 795	4	523	14
478	9.692 044	13	9.752 253	18	0.247 747	9.939 791	4	522	
479	9.692 057	14	9.752 271	17	0.247 729	9.939 787	4	521	1 1.4
		13		18			4		2 2.8
.480	9.692 071	13	9.752 288	18	0.247 712	9.939 783		.520	3 4.2
481	9.692 084	14	9.752 306	18	0.247 694	9.939 778	5	519	4 5.6
482	9.692 098	13	9.752 324	17	0.247 676	9.939 774	4	518	5 7.0
483	9.692 111	13	9.752 341	18	0.247 659	9.939 770	4	517	6 8.4
		13		18			5		7 9.8
484	9.692 124	14	9.752 359	18	0.247 641	9.939 765	4	516	8 11.2
485	9.692 138	13	9.752 377	17	0.247 623	9.939 761	4	515	9 12.6
486	9.692 151	14	9.752 394	18	0.247 606	9.939 757	4	514	
		13		18			4		
487	9.692 165	13	9.752 412	18	0.247 588	9.939 753	5	513	
488	9.692 178	13	9.752 430	17	0.247 570	9.939 748	4	512	
489	9.692 191	14	9.752 447	18	0.247 553	9.939 744	4	511	
		13		18			4		13
.490	9.692 205	13	9.752 465	18	0.247 535	9.939 740		.510	1 1.3
491	9.692 218	14	9.752 483	18	0.247 517	9.939 735	5	509	2 2.6
492	9.692 232	13	9.752 501	17	0.247 499	9.939 731	4	508	3 3.9
493	9.692 245	13	9.752 518	18	0.247 482	9.939 727	4	507	4 5.2
		13		18			4		5 6.5
494	9.692 258	14	9.752 536	18	0.247 464	9.939 723	4	506	6 7.8
495	9.692 272	13	9.752 554	17	0.247 446	9.939 718	5	505	7 9.1
496	9.692 285	14	9.752 571	18	0.247 429	9.939 714	4	504	8 10.4
		13		18			4		9 11.7
497	9.692 299	13	9.752 589	18	0.247 411	9.939 710	4	503	
498	9.692 312	13	9.752 607	17	0.247 393	9.939 705	5	502	
499	9.692 325	14	9.752 624	18	0.247 376	9.939 701	4	501	
		13		18			4		
.500	9.692 339	14	9.752 642	18	0.247 358	9.939 697		.500	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.550 — 60°.500

29°.500 — 29°.550

29°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.692 339		9.752 642		0.247 358	9.939 697		.500	
501	9.692 352	13	9.752 660	18	0.247 340	9.939 692	5	499	
502	9.692 366	14	9.752 677	17	0.247 323	9.939 688	4	498	
503	9.692 379	13	9.752 695	18	0.247 305	9.939 684	4	497	
504	9.692 392	13	9.752 713	18	0.247 287	9.939 680	4	496	18
505	9.692 406	14	9.752 730	17	0.247 270	9.939 675	5	495	1 1.8
506	9.692 419	13	9.752 748	18	0.247 252	9.939 671	4	494	2 3.6
507	9.692 433	14	9.752 766	18	0.247 234	9.939 667	4	493	3 5.4
508	9.692 446	13	9.752 784	18	0.247 216	9.939 662	5	492	4 7.2
509	9.692 459	13	9.752 801	17	0.247 199	9.939 658	4	491	5 9.0
		14		18			4		6 10.8
.510	9.692 473	13	9.752 819	18	0.247 181	9.939 654	4	.490	7 12.6
511	9.692 486	14	9.752 837	17	0.247 163	9.939 650	4	489	8 14.4
512	9.692 500	13	9.752 854	18	0.247 146	9.939 645	5	488	9 16.2
513	9.692 513	13	9.752 872	18	0.247 128	9.939 641	4	487	
514	9.692 526	13	9.752 890	18	0.247 110	9.939 637	4	486	
515	9.692 540	14	9.752 907	17	0.247 093	9.939 632	5	485	17
516	9.692 553	13	9.752 925	18	0.247 075	9.939 628	4	484	
517	9.692 567	14	9.752 943	18	0.247 057	9.939 624	4	483	1 1.7
518	9.692 580	13	9.752 960	17	0.247 040	9.939 620	4	482	2 3.4
519	9.692 593	13	9.752 978	18	0.247 022	9.939 615	5	481	3 5.1
		14		18			4		4 6.8
.520	9.692 607	13	9.752 996	17	0.247 004	9.939 611	4	.480	5 8.5
521	9.692 620	13	9.753 013	18	0.246 987	9.939 607	4	479	6 10.2
522	9.692 633	13	9.753 031	18	0.246 969	9.939 602	5	478	7 11.9
523	9.692 647	14	9.753 049	18	0.246 951	9.939 598	4	477	8 13.6
524	9.692 660	13	9.753 066	17	0.246 934	9.939 594	4	476	9 15.3
525	9.692 674	14	9.753 084	18	0.246 916	9.939 590	4	475	
526	9.692 687	13	9.753 102	18	0.246 898	9.939 585	5	474	
527	9.692 700	13	9.753 119	17	0.246 881	9.939 581	4	473	14
528	9.692 714	14	9.753 137	18	0.246 863	9.939 577	4	472	
529	9.692 727	13	9.753 155	18	0.246 845	9.939 572	5	471	1 1.4
		13		17			4		2 2.8
.530	9.692 740	14	9.753 172	18	0.246 828	9.939 568	4	.470	3 4.2
531	9.692 754	13	9.753 190	18	0.246 810	9.939 564	4	469	4 5.6
532	9.692 767	13	9.753 208	17	0.246 792	9.939 559	5	468	5 7.0
533	9.692 781	14	9.753 225	18	0.246 775	9.939 555	4	467	6 8.4
534	9.692 794	13	9.753 243	18	0.246 757	9.939 551	4	466	7 9.8
535	9.692 807	13	9.753 261	18	0.246 739	9.939 547	4	465	8 11.2
536	9.692 821	14	9.753 278	17	0.246 722	9.939 542	5	464	9 12.6
537	9.692 834	13	9.753 296	18	0.246 704	9.939 538	4	463	
538	9.692 848	14	9.753 314	18	0.246 686	9.939 534	4	462	
539	9.692 861	13	9.753 332	18	0.246 668	9.939 529	5	461	13
		13		17			4		
.540	9.692 874	14	9.753 349	18	0.246 651	9.939 525	4	.460	1 1.3
541	9.692 888	13	9.753 367	18	0.246 633	9.939 521	4	459	2 2.6
542	9.692 901	13	9.753 385	18	0.246 615	9.939 517	4	458	3 3.9
543	9.692 914	13	9.753 402	17	0.246 598	9.939 512	5	457	4 5.2
544	9.692 928	14	9.753 420	18	0.246 580	9.939 508	4	456	5 6.5
545	9.692 941	13	9.753 438	18	0.246 562	9.939 504	4	455	6 7.8
546	9.692 955	14	9.753 455	17	0.246 545	9.939 499	5	454	7 9.1
547	9.692 968	13	9.753 473	18	0.246 527	9.939 495	4	453	8 10.4
548	9.692 981	13	9.753 491	18	0.246 509	9.939 491	4	452	9 11.7
549	9.692 995	14	9.753 508	17	0.246 492	9.939 486	5	451	
		13		18			4		
.550	9.693 008		9.753 526		0.246 474	9.939 482		.450	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.500 — 60°.450

29°.550 — 29°.600

29°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.693 008		9.753 526		0.246 474	9.939 482		.450	
551	9.693 021	13	9.753 544	18	0.246 456	9.939 478	4	449	
552	9.693 035	14	9.753 561	17	0.246 439	9.939 474	4	448	
553	9.693 048	13	9.753 579	18	0.246 421	9.939 469	5	447	
		13		18			4		18
554	9.693 061	13	9.753 597	18	0.246 403	9.939 465	4	446	
555	9.693 075	14	9.753 614	17	0.246 386	9.939 461	4	445	1 1.8
556	9.693 088	13	9.753 632	18	0.246 368	9.939 456	5	444	2 3.6
		14		18			4		3 5.4
557	9.693 102	13	9.753 650	17	0.246 350	9.939 452	4	443	4 7.2
558	9.693 115	13	9.753 667	17	0.246 333	9.939 448	4	442	5 9.0
559	9.693 128	13	9.753 685	18	0.246 315	9.939 443	5	441	6 10.8
		14		18			4		7 12.6
.560	9.693 142	13	9.753 703	17	0.246 297	9.939 439	4	.440	8 14.4
		13		17			4		9 16.2
561	9.693 155	13	9.753 720	18	0.246 280	9.939 435	4	439	
562	9.693 168	13	9.753 738	18	0.246 262	9.939 431	4	438	
563	9.693 182	14	9.753 756	18	0.246 244	9.939 426	5	437	
		13		17			4		
564	9.693 195	14	9.753 773	18	0.246 227	9.939 422	4	436	
565	9.693 209	13	9.753 791	18	0.246 209	9.939 418	4	435	
566	9.693 222	13	9.753 809	18	0.246 191	9.939 413	5	434	17
		13		17			4		
567	9.693 235	14	9.753 826	18	0.246 174	9.939 409	4	433	1 1.7
568	9.693 249	13	9.753 844	17	0.246 156	9.939 405	4	432	2 3.4
569	9.693 262	13	9.753 861	17	0.246 139	9.939 400	5	431	3 5.1
		13		18			4		4 6.8
.570	9.693 275	14	9.753 879	18	0.246 121	9.939 396	4	.430	5 8.5
		13		18			4		6 10.2
571	9.693 289	13	9.753 897	17	0.246 103	9.939 392	4	429	7 11.9
572	9.693 302	13	9.753 914	18	0.246 086	9.939 388	4	428	8 13.6
573	9.693 315	14	9.753 932	18	0.246 068	9.939 383	5	427	9 15.3
		13		18			4		
574	9.693 329	13	9.753 950	17	0.246 050	9.939 379	4	426	
575	9.693 342	13	9.753 967	18	0.246 033	9.939 375	4	425	
576	9.693 355	13	9.753 985	18	0.246 015	9.939 370	5	424	
		14		18			4		
577	9.693 369	13	9.754 003	17	0.245 997	9.939 366	4	423	14
578	9.693 382	14	9.754 020	18	0.245 980	9.939 362	4	422	
579	9.693 396	13	9.754 038	18	0.245 962	9.939 357	5	421	
		13		18			4		
.580	9.693 409	13	9.754 056	17	0.245 944	9.939 353	4	.420	
		13		18			4		
581	9.693 422	14	9.754 073	18	0.245 927	9.939 349	4	419	
582	9.693 436	13	9.754 091	18	0.245 909	9.939 345	4	418	
583	9.693 449	13	9.754 109	17	0.245 891	9.939 340	5	417	
		13		18			4		
584	9.693 462	14	9.754 126	18	0.245 874	9.939 336	4	416	
585	9.693 476	13	9.754 144	18	0.245 856	9.939 332	4	415	
586	9.693 489	13	9.754 162	17	0.245 838	9.939 327	5	414	
		13		17			4		
587	9.693 502	14	9.754 179	18	0.245 821	9.939 323	4	413	
588	9.693 516	13	9.754 197	18	0.245 803	9.939 319	4	412	
589	9.693 529	13	9.754 215	17	0.245 785	9.939 314	5	411	
		13		17			4		
.590	9.693 542	14	9.754 232	18	0.245 768	9.939 310	4	.410	13
		13		18			4		
591	9.693 556	13	9.754 250	18	0.245 750	9.939 306	4	409	1 1.3
592	9.693 569	13	9.754 268	17	0.245 732	9.939 301	5	408	2 2.6
593	9.693 582	14	9.754 285	18	0.245 715	9.939 297	4	407	3 3.9
		13		18			4		4 5.2
594	9.693 596	13	9.754 303	18	0.245 697	9.939 293	4	406	5 6.5
595	9.693 609	13	9.754 321	17	0.245 679	9.939 289	4	405	6 7.8
596	9.693 622	13	9.754 338	18	0.245 662	9.939 284	5	404	7 9.1
		14		18			4		8 10.4
597	9.693 636	13	9.754 356	17	0.245 644	9.939 280	4	403	9 11.7
598	9.693 649	13	9.754 373	18	0.245 627	9.939 276	4	402	
599	9.693 662	13	9.754 391	18	0.245 609	9.939 271	5	401	
		14		18			4		
.600	9.693 676		9.754 409		0.245 591	9.939 267		.400	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.450 — 60°.400

29°.600 — 29°.650

29°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.693 676		9.754 409		0.245 591	9.939 267		.400	
601	9.693 689	13	9.754 426	17	0.245 574	9.939 263	4	399	
602	9.693 703	14	9.754 444	18	0.245 556	9.939 258	5	398	
603	9.693 716	13	9.754 462	18	0.245 538	9.939 254	4	397	
604	9.693 729	13	9.754 479	17	0.245 521	9.939 250	4	396	18
605	9.693 743	14	9.754 497	18	0.245 503	9.939 246	4	395	1 1.8
606	9.693 756	13	9.754 515	18	0.245 485	9.939 241	5	394	2 3.6
607	9.693 769	13	9.754 532	17	0.245 468	9.939 237	4	393	3 5.4
608	9.693 783	14	9.754 550	18	0.245 450	9.939 233	4	392	4 7.2
609	9.693 796	13	9.754 568	18	0.245 432	9.939 228	5	391	5 9.0
.610	9.693 809	13	9.754 585	17	0.245 415	9.939 224	4	.390	6 10.8
		14		18			4		7 12.6
611	9.693 823	13	9.754 603	18	0.245 397	9.939 220	4	389	8 14.4
612	9.693 836	13	9.754 621	18	0.245 379	9.939 215	5	388	9 16.2
613	9.693 849	13	9.754 638	17	0.245 362	9.939 211	4	387	
614	9.693 863	14	9.754 656	18	0.245 344	9.939 207	4	386	
615	9.693 876	13	9.754 673	17	0.245 327	9.939 202	5	385	17
616	9.693 889	13	9.754 691	18	0.245 309	9.939 198	4	384	
617	9.693 903	14	9.754 709	18	0.245 291	9.939 194	4	383	1 1.7
618	9.693 916	13	9.754 726	17	0.245 274	9.939 190	4	382	2 3.4
619	9.693 929	13	9.754 744	18	0.245 256	9.939 185	5	381	3 5.1
.620	9.693 943	14	9.754 762	18	0.245 238	9.939 181	4	.380	4 6.8
		13		17			4		5 8.5
621	9.693 956	13	9.754 779	18	0.245 221	9.939 177	4	379	6 10.2
622	9.693 969	13	9.754 797	18	0.245 203	9.939 172	5	378	7 11.9
623	9.693 983	14	9.754 815	18	0.245 185	9.939 168	4	377	8 13.6
624	9.693 996	13	9.754 832	17	0.245 168	9.939 164	4	376	9 15.3
625	9.694 009	13	9.754 850	18	0.245 150	9.939 159	5	375	
626	9.694 023	14	9.754 868	18	0.245 132	9.939 155	4	374	
627	9.694 036	13	9.754 885	17	0.245 115	9.939 151	4	373	14
628	9.694 049	13	9.754 903	18	0.245 097	9.939 146	5	372	
629	9.694 063	14	9.754 920	17	0.245 080	9.939 142	4	371	1 1.4
.630	9.694 076	13	9.754 938	18	0.245 062	9.939 138	4	.370	2 2.8
		13		18			5		3 4.2
631	9.694 089	13	9.754 956	17	0.245 044	9.939 133	4	369	4 5.6
632	9.694 103	14	9.754 973	18	0.245 027	9.939 129	4	368	5 7.0
633	9.694 116	13	9.754 991	18	0.245 009	9.939 125	4	367	6 8.4
634	9.694 129	13	9.755 009	18	0.244 991	9.939 121	4	366	7 9.8
635	9.694 143	14	9.755 026	17	0.244 974	9.939 116	5	365	8 11.2
636	9.694 156	13	9.755 044	18	0.244 956	9.939 112	4	364	9 12.6
637	9.694 169	13	9.755 062	18	0.244 938	9.939 108	4	363	
638	9.694 182	13	9.755 079	17	0.244 921	9.939 103	5	362	
639	9.694 196	14	9.755 097	18	0.244 903	9.939 099	4	361	13
.640	9.694 209	13	9.755 114	17	0.244 886	9.939 095	4	.360	
		13		18			5		1 1.3
641	9.694 222	13	9.755 132	18	0.244 868	9.939 090	4	359	2 2.6
642	9.694 236	14	9.755 150	18	0.244 850	9.939 086	4	358	3 3.9
643	9.694 249	13	9.755 167	17	0.244 833	9.939 082	4	357	4 5.2
644	9.694 262	13	9.755 185	18	0.244 815	9.939 077	5	356	5 6.5
645	9.694 276	14	9.755 203	18	0.244 797	9.939 073	4	355	6 7.8
646	9.694 289	13	9.755 220	17	0.244 780	9.939 069	4	354	7 9.1
647	9.694 302	13	9.755 238	18	0.244 762	9.939 064	5	353	8 10.4
648	9.694 316	14	9.755 256	18	0.244 744	9.939 060	4	352	9 11.7
649	9.694 329	13	9.755 273	17	0.244 727	9.939 056	4	351	
.650	9.694 342	13	9.755 291	18	0.244 709	9.939 052	4	.350	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.400 — 60°.350

29°.650 — 29°.700

29°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.694 342		9.755 291		0.244 709	9.939 052		.350	
651	9.694 356	14	9.755 308	17	0.244 692	9.939 047	5	349	
652	9.694 369	13	9.755 326	18	0.244 674	9.939 043	4	348	
653	9.694 382	13	9.755 344	18	0.244 656	9.939 039	4	347	
		14		17			5		18
654	9.694 396	13	9.755 361	18	0.244 639	9.939 034	4	346	1
655	9.694 409	13	9.755 379	18	0.244 621	9.939 030	4	345	2
656	9.694 422	13	9.755 397	18	0.244 603	9.939 026	4	344	3
		14		17			5		4
657	9.694 436	13	9.755 414	18	0.244 586	9.939 021	4	343	5
658	9.694 449	13	9.755 432	17	0.244 568	9.939 017	4	342	6
659	9.694 462	13	9.755 449	18	0.244 551	9.939 013	4	341	7
		14		18			5		8
.660	9.694 475	14	9.755 467	18	0.244 533	9.939 008	4	.340	9
661	9.694 489	13	9.755 485	17	0.244 515	9.939 004	4	339	
662	9.694 502	13	9.755 502	18	0.244 498	9.939 000	4	338	
663	9.694 515	13	9.755 520	18	0.244 480	9.938 995	5	337	
		14		18			4		
664	9.694 529	13	9.755 538	17	0.244 462	9.938 991	4	336	
665	9.694 542	13	9.755 555	18	0.244 445	9.938 987	4	335	
666	9.694 555	13	9.755 573	18	0.244 427	9.938 982	5	334	17
		14		17			4		1
667	9.694 569	13	9.755 590	18	0.244 410	9.938 978	4	333	2
668	9.694 582	13	9.755 608	18	0.244 392	9.938 974	4	332	3
669	9.694 595	13	9.755 626	18	0.244 374	9.938 970	4	331	4
		14		17			5		5
.670	9.694 609	13	9.755 643	18	0.244 357	9.938 965	4	.330	6
671	9.694 622	13	9.755 661	18	0.244 339	9.938 961	4	329	7
672	9.694 635	13	9.755 679	17	0.244 321	9.938 957	5	328	8
673	9.694 648	13	9.755 696	18	0.244 304	9.938 952	4	327	9
		14		18			4		
674	9.694 662	13	9.755 714	17	0.244 286	9.938 948	4	326	
675	9.694 675	13	9.755 731	18	0.244 269	9.938 944	5	325	
676	9.694 688	13	9.755 749	18	0.244 251	9.938 939	4	324	
		14		18			4		
677	9.694 702	13	9.755 767	17	0.244 233	9.938 935	4	323	14
678	9.694 715	13	9.755 784	18	0.244 216	9.938 931	5	322	1
679	9.694 728	13	9.755 802	18	0.244 198	9.938 926	4	321	2
		14		18			4		3
.680	9.694 742	13	9.755 820	17	0.244 180	9.938 922	4	.320	4
681	9.694 755	13	9.755 837	18	0.244 163	9.938 918	5	319	5
682	9.694 768	13	9.755 855	17	0.244 145	9.938 913	4	318	6
683	9.694 781	13	9.755 872	18	0.244 128	9.938 909	4	317	7
		14		18			4		8
684	9.694 795	13	9.755 890	18	0.244 110	9.938 905	5	316	9
685	9.694 808	13	9.755 908	17	0.244 092	9.938 900	4	315	
686	9.694 821	13	9.755 925	18	0.244 075	9.938 896	4	314	
		14		18			4		
687	9.694 835	13	9.755 943	17	0.244 057	9.938 892	5	313	
688	9.694 848	13	9.755 960	18	0.244 040	9.938 887	4	312	
689	9.694 861	13	9.755 978	18	0.244 022	9.938 883	4	311	
		14		18			4		13
.690	9.694 875	13	9.755 996	17	0.244 004	9.938 879	5	.310	1
691	9.694 888	13	9.756 013	18	0.243 987	9.938 874	4	309	2
692	9.694 901	13	9.756 031	18	0.243 969	9.938 870	4	308	3
693	9.694 914	13	9.756 049	18	0.243 951	9.938 866	4	307	4
		14		17			4		5
694	9.694 928	13	9.756 066	18	0.243 934	9.938 862	5	306	6
695	9.694 941	13	9.756 084	17	0.243 916	9.938 857	4	305	7
696	9.694 954	13	9.756 101	18	0.243 899	9.938 853	4	304	8
		14		18			4		9
697	9.694 968	13	9.756 119	18	0.243 881	9.938 849	5	303	
698	9.694 981	13	9.756 137	17	0.243 863	9.938 844	4	302	
699	9.694 994	13	9.756 154	18	0.243 846	9.938 840	4	301	
		14		18			4		
.700	9.695 007	13	9.756 172	17	0.243 828	9.938 836	5	.300	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.350 — 60°.300

29°.700 — 29°.750

29°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.695 007		9.756 172		0.243 828	9.938 836		.300	
701	9.695 021	14	9.756 189	17	0.243 811	9.938 831	5	299	
702	9.695 034	13	9.756 207	18	0.243 793	9.938 827	4	298	
703	9.695 047	13	9.756 225	18	0.243 775	9.938 823	4	297	
704	9.695 061	14	9.756 242	17	0.243 758	9.938 818	5	296	18
705	9.695 074	13	9.756 260	18	0.243 740	9.938 814	4	295	1 1.8
706	9.695 087	13	9.756 278	18	0.243 722	9.938 810	4	294	2 3.6
707	9.695 100	13	9.756 295	17	0.243 705	9.938 805	5	293	3 5.4
708	9.695 114	14	9.756 313	18	0.243 687	9.938 801	4	292	4 7.2
709	9.695 127	13	9.756 330	17	0.243 670	9.938 797	4	291	5 9.0
.710	9.695 140	13	9.756 348	18	0.243 652	9.938 792	5	.290	6 10.8
		14		18			4		7 12.6
711	9.695 154	13	9.756 366	17	0.243 634	9.938 788	4	289	8 14.4
712	9.695 167	13	9.756 383	18	0.243 617	9.938 784	4	288	9 16.2
713	9.695 180	13	9.756 401	18	0.243 599	9.938 779	5	287	
714	9.695 193	13	9.756 418	17	0.243 582	9.938 775	4	286	
715	9.695 207	14	9.756 436	18	0.243 564	9.938 771	4	285	
716	9.695 220	13	9.756 454	18	0.243 546	9.938 766	5	284	17
717	9.695 233	13	9.756 471	17	0.243 529	9.938 762	4	283	1 1.7
718	9.695 247	14	9.756 489	18	0.243 511	9.938 758	4	282	2 3.4
719	9.695 260	13	9.756 506	17	0.243 494	9.938 753	5	281	3 5.1
.720	9.695 273	13	9.756 524	18	0.243 476	9.938 749	4	.280	4 6.8
		13		18			4		5 8.5
721	9.695 286	13	9.756 542	18	0.243 458	9.938 745	4	279	6 10.2
722	9.695 300	14	9.756 559	17	0.243 441	9.938 740	5	278	7 11.9
723	9.695 313	13	9.756 577	18	0.243 423	9.938 736	4	277	8 13.6
724	9.695 326	13	9.756 594	17	0.243 406	9.938 732	4	276	9 15.3
725	9.695 339	13	9.756 612	18	0.243 388	9.938 727	5	275	
726	9.695 353	14	9.756 630	18	0.243 370	9.938 723	4	274	
727	9.695 366	13	9.756 647	17	0.243 353	9.938 719	4	273	
728	9.695 379	13	9.756 665	18	0.243 335	9.938 714	5	272	14
729	9.695 393	14	9.756 682	17	0.243 318	9.938 710	4	271	1 1.4
.730	9.695 406	13	9.756 700	18	0.243 300	9.938 706	4	.270	2 2.8
		13		18			5		3 4.2
731	9.695 419	13	9.756 718	17	0.243 282	9.938 701	4	269	4 5.6
732	9.695 432	13	9.756 735	18	0.243 265	9.938 697	4	268	5 7.0
733	9.695 446	14	9.756 753	18	0.243 247	9.938 693	4	267	6 8.4
734	9.695 459	13	9.756 770	17	0.243 230	9.938 688	5	266	7 9.8
735	9.695 472	13	9.756 788	18	0.243 212	9.938 684	4	265	8 11.2
736	9.695 485	13	9.756 806	18	0.243 194	9.938 680	4	264	9 12.6
737	9.695 499	14	9.756 823	17	0.243 177	9.938 675	5	263	
738	9.695 512	13	9.756 841	18	0.243 159	9.938 671	4	262	
739	9.695 525	13	9.756 858	17	0.243 142	9.938 667	4	261	
.740	9.695 539	14	9.756 876	18	0.243 124	9.938 663	4	.260	13
		13		18			5		1 1.3
741	9.695 552	13	9.756 894	18	0.243 106	9.938 658	4	259	2 2.6
742	9.695 565	13	9.756 911	17	0.243 089	9.938 654	4	258	3 3.9
743	9.695 578	13	9.756 929	18	0.243 071	9.938 650	4	257	4 5.2
744	9.695 592	14	9.756 946	17	0.243 054	9.938 645	5	256	5 6.5
745	9.695 605	13	9.756 964	18	0.243 036	9.938 641	4	255	6 7.8
746	9.695 618	13	9.756 982	18	0.243 018	9.938 637	4	254	7 9.1
747	9.695 631	13	9.756 999	17	0.243 001	9.938 632	5	253	8 10.4
748	9.695 645	14	9.757 017	18	0.242 983	9.938 628	4	252	9 11.7
749	9.695 658	13	9.757 034	17	0.242 966	9.938 624	4	251	
.750	9.695 671	13	9.757 052	18	0.242 948	9.938 619	5	.250	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.300 — 60°.250

29°.750 — 29°.800

29°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.695 671		9.757 052		0.242 948	9.938 619		.250	
751	9.695 684	13	9.757 070	18	0.242 930	9.938 615	4	249	
752	9.695 698	14	9.757 087	17	0.242 913	9.938 611	4	248	
753	9.695 711	13	9.757 105	18	0.242 895	9.938 606	5	247	
		13		17			4		18
754	9.695 724	13	9.757 122	17	0.242 878	9.938 602	4	246	
755	9.695 738	14	9.757 140	18	0.242 860	9.938 598	4	245	1 1.8
756	9.695 751	13	9.757 158	18	0.242 842	9.938 593	5	244	2 3.6
		13		17			4		3 5.4
757	9.695 764	13	9.757 175	17	0.242 825	9.938 589	4	243	4 7.2
758	9.695 777	13	9.757 193	18	0.242 807	9.938 585	4	242	5 9.0
759	9.695 791	14	9.757 210	17	0.242 790	9.938 580	5	241	6 10.8
		13		18			4		7 12.6
.760	9.695 804	13	9.757 228	18	0.242 772	9.938 576		.240	8 14.4
		13		18			4		9 16.2
761	9.695 817	13	9.757 246	17	0.242 754	9.938 572	4	239	
762	9.695 830	13	9.757 263	17	0.242 737	9.938 567	5	238	
763	9.695 844	14	9.757 281	18	0.242 719	9.938 563	4	237	
		13		17			4		
764	9.695 857	13	9.757 298	17	0.242 702	9.938 559	4	236	
765	9.695 870	13	9.757 316	18	0.242 684	9.938 554	5	235	
766	9.695 883	13	9.757 333	17	0.242 667	9.938 550	4	234	17
		14		18			4		1 1.7
767	9.695 897	13	9.757 351	18	0.242 649	9.938 546	5	233	2 3.4
768	9.695 910	13	9.757 369	18	0.242 631	9.938 541	4	232	3 5.1
769	9.695 923	13	9.757 386	17	0.242 614	9.938 537	4	231	4 6.8
		13		18			4		5 8.5
.770	9.695 936	14	9.757 404	17	0.242 596	9.938 533		.230	6 10.2
		13		18			5		7 11.9
771	9.695 950	13	9.757 421	18	0.242 579	9.938 528	4	229	8 13.6
772	9.695 963	13	9.757 439	18	0.242 561	9.938 524	4	228	9 15.3
773	9.695 976	13	9.757 457	17	0.242 543	9.938 520	5	227	
		14		18			4		
774	9.695 989	13	9.757 474	17	0.242 526	9.938 515	5	226	
775	9.696 003	14	9.757 492	18	0.242 508	9.938 511	4	225	
776	9.696 016	13	9.757 509	17	0.242 491	9.938 506	5	224	
		13		18			4		
777	9.696 029	13	9.757 527	18	0.242 473	9.938 502	4	223	14
778	9.696 042	13	9.757 545	18	0.242 455	9.938 498	4	222	
779	9.696 056	14	9.757 562	17	0.242 438	9.938 493	5	221	1 1.4
		13		18			4		2 2.8
.780	9.696 069	13	9.757 580	17	0.242 420	9.938 489		.220	3 4.2
		13		18			4		4 5.6
781	9.696 082	13	9.757 597	18	0.242 403	9.938 485	4	219	5 7.0
782	9.696 095	13	9.757 615	17	0.242 385	9.938 480	5	218	6 8.4
783	9.696 109	14	9.757 632	17	0.242 368	9.938 476	4	217	7 9.8
		13		18			4		8 11.2
784	9.696 122	13	9.757 650	18	0.242 350	9.938 472	5	216	9 12.6
785	9.696 135	13	9.757 668	17	0.242 332	9.938 467	4	215	
786	9.696 148	13	9.757 685	17	0.242 315	9.938 463	4	214	
		14		18			4		
787	9.696 162	13	9.757 703	17	0.242 297	9.938 459	5	213	
788	9.696 175	13	9.757 720	18	0.242 280	9.938 454	4	212	
789	9.696 188	13	9.757 738	18	0.242 262	9.938 450	4	211	
		13		17			4		13
.790	9.696 201	13	9.757 755	18	0.242 245	9.938 446		.210	1 1.3
		13		18			5		2 2.6
791	9.696 214	14	9.757 773	18	0.242 227	9.938 441	4	209	3 3.9
792	9.696 228	13	9.757 791	17	0.242 209	9.938 437	4	208	4 5.2
793	9.696 241	13	9.757 808	17	0.242 192	9.938 433	4	207	5 6.5
		13		18			5		6 7.8
794	9.696 254	13	9.757 826	17	0.242 174	9.938 428	4	206	7 9.1
795	9.696 267	13	9.757 843	18	0.242 157	9.938 424	4	205	8 10.4
796	9.696 281	14	9.757 861	18	0.242 139	9.938 420	4	204	9 11.7
		13		18			5		
797	9.696 294	13	9.757 879	17	0.242 121	9.938 415	4	203	
798	9.696 307	13	9.757 896	17	0.242 104	9.938 411	4	202	
799	9.696 320	13	9.757 914	18	0.242 086	9.938 407	4	201	
		14		17			5		
.800	9.696 334		9.757 931		0.242 069	9.938 402		.200	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.250 — 60°.200

29°.800 — 29°.850

29°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.696 334		9.757 931		0.242 069	9.938 402		.200	
801	9.696 347	13	9.757 949	18	0.242 051	9.938 398	4	199	
802	9.696 360	13	9.757 966	17	0.242 034	9.938 394	4	198	
803	9.696 373	13	9.757 984	18	0.242 016	9.938 389	5	197	
804	9.696 387	14	9.758 002	18	0.241 998	9.938 385	4	196	18
805	9.696 400	13	9.758 019	17	0.241 981	9.938 381	4	195	1 1.8
806	9.696 413	13	9.758 037	18	0.241 963	9.938 376	5	194	2 3.6
807	9.696 426	13	9.758 054	17	0.241 946	9.938 372	4	193	3 5.4
808	9.696 439	13	9.758 072	18	0.241 928	9.938 368	4	192	4 7.2
809	9.696 453	14	9.758 089	17	0.241 911	9.938 363	5	191	5 9.0
.810	9.696 466	13	9.758 107	18	0.241 893	9.938 359	4	.190	6 10.8
		13		18			4		7 12.6
811	9.696 479	13	9.758 125	18	0.241 875	9.938 355	4	189	8 14.4
812	9.696 492	13	9.758 142	17	0.241 858	9.938 350	5	188	9 16.2
813	9.696 506	14	9.758 160	18	0.241 840	9.938 346	4	187	
814	9.696 519	13	9.758 177	17	0.241 823	9.938 342	4	186	
815	9.696 532	13	9.758 195	18	0.241 805	9.938 337	5	185	
816	9.696 545	13	9.758 212	17	0.241 788	9.938 333	4	184	17
817	9.696 559	14	9.758 230	18	0.241 770	9.938 329	4	183	1 1.7
818	9.696 572	13	9.758 248	18	0.241 752	9.938 324	5	182	2 3.4
819	9.696 585	13	9.758 265	17	0.241 735	9.938 320	4	181	3 5.1
.820	9.696 598	13	9.758 283	18	0.241 717	9.938 316	4	.180	4 6.8
		13		18			4		5 8.5
821	9.696 611	13	9.758 300	17	0.241 700	9.938 311	5	179	6 10.2
822	9.696 625	14	9.758 318	18	0.241 682	9.938 307	4	178	7 11.9
823	9.696 638	13	9.758 335	17	0.241 665	9.938 302	5	177	8 13.6
824	9.696 651	13	9.758 353	18	0.241 647	9.938 298	4	176	9 15.3
825	9.696 664	13	9.758 371	18	0.241 629	9.938 294	4	175	
826	9.696 678	14	9.758 388	17	0.241 612	9.938 289	5	174	
827	9.696 691	13	9.758 406	18	0.241 594	9.938 285	4	173	
828	9.696 704	13	9.758 423	17	0.241 577	9.938 281	4	172	14
829	9.696 717	13	9.758 441	18	0.241 559	9.938 276	5	171	1 1.4
.830	9.696 730	13	9.758 458	17	0.241 542	9.938 272	4	.170	2 2.8
		14		18			4		3 4.2
831	9.696 744	13	9.758 476	18	0.241 524	9.938 268	4	169	4 5.6
832	9.696 757	13	9.758 494	18	0.241 506	9.938 263	5	168	5 7.0
833	9.696 770	13	9.758 511	17	0.241 489	9.938 259	4	167	6 8.4
834	9.696 783	13	9.758 529	18	0.241 471	9.938 255	4	166	7 9.8
835	9.696 797	14	9.758 546	17	0.241 454	9.938 250	5	165	8 11.2
836	9.696 810	13	9.758 564	18	0.241 436	9.938 246	4	164	9 12.6
837	9.696 823	13	9.758 581	17	0.241 419	9.938 242	4	163	
838	9.696 836	13	9.758 599	18	0.241 401	9.938 237	5	162	
839	9.696 849	13	9.758 616	17	0.241 384	9.938 233	4	161	
.840	9.696 863	14	9.758 634	18	0.241 366	9.938 229	4	.160	13
		13		18			5		1 1.3
841	9.696 876	13	9.758 652	18	0.241 348	9.938 224	4	159	2 2.6
842	9.696 889	13	9.758 669	17	0.241 331	9.938 220	4	158	3 3.9
843	9.696 902	13	9.758 687	18	0.241 313	9.938 216	4	157	4 5.2
844	9.696 915	13	9.758 704	17	0.241 296	9.938 211	5	156	5 6.5
845	9.696 929	14	9.758 722	18	0.241 278	9.938 207	4	155	6 7.8
846	9.696 942	13	9.758 739	17	0.241 261	9.938 202	5	154	7 9.1
847	9.696 955	13	9.758 757	18	0.241 243	9.938 198	4	153	8 10.4
848	9.696 968	13	9.758 775	18	0.241 225	9.938 194	4	152	9 11.7
849	9.696 982	14	9.758 792	17	0.241 208	9.938 189	5	151	
.850	9.696 995	13	9.758 810	18	0.241 190	9.938 185	4	.150	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.200 — 60°.150

29°.850 — 29°.900

29°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.696 995		9.758 810		0.241 190	9.938 185		.150	
851	9.697 008	13	9.758 827	17	0.241 173	9.938 181	4	149	
852	9.697 021	13	9.758 845	18	0.241 155	9.938 176	5	148	
853	9.697 034	13	9.758 862	17	0.241 138	9.938 172	4	147	
		14		18			4		18
854	9.697 048	13	9.758 880	17	0.241 120	9.938 168	5	146	1
855	9.697 061	13	9.758 897	18	0.241 103	9.938 163	4	145	2
856	9.697 074	13	9.758 915	18	0.241 085	9.938 159	4	144	3
		13		18			4		4
857	9.697 087	13	9.758 933	17	0.241 067	9.938 155	5	143	5
858	9.697 100	13	9.758 950	18	0.241 050	9.938 150	4	142	6
859	9.697 114	14	9.758 968	17	0.241 032	9.938 146	4	141	7
		13		17			4		8
.860	9.697 127	13	9.758 985	18	0.241 015	9.938 142	5	.140	9
861	9.697 140	13	9.759 003	17	0.240 997	9.938 137	4	139	
862	9.697 153	13	9.759 020	18	0.240 980	9.938 133	4	138	
863	9.697 166	13	9.759 038	18	0.240 962	9.938 129	4	137	
		14		17			5		
864	9.697 180	13	9.759 055	18	0.240 945	9.938 124	4	136	
865	9.697 193	13	9.759 073	18	0.240 927	9.938 120	5	135	
866	9.697 206	13	9.759 091	17	0.240 909	9.938 115	4	134	17
		13		18			4		1
867	9.697 219	13	9.759 108	18	0.240 892	9.938 111	4	133	2
868	9.697 232	13	9.759 126	17	0.240 874	9.938 107	5	132	3
869	9.697 246	14	9.759 143	17	0.240 857	9.938 102	4	131	4
		13		18			4		5
.870	9.697 259	13	9.759 161	17	0.240 839	9.938 098	4	.130	6
871	9.697 272	13	9.759 178	18	0.240 822	9.938 094	5	129	7
872	9.697 285	13	9.759 196	17	0.240 804	9.938 089	4	128	8
873	9.697 298	13	9.759 213	18	0.240 787	9.938 085	4	127	9
		14		18			4		
874	9.697 312	13	9.759 231	17	0.240 769	9.938 081	5	126	
875	9.697 325	13	9.759 248	18	0.240 752	9.938 076	4	125	
876	9.697 338	13	9.759 266	18	0.240 734	9.938 072	4	124	
		13		18			4		
877	9.697 351	13	9.759 284	17	0.240 716	9.938 068	5	123	14
878	9.697 364	13	9.759 301	18	0.240 699	9.938 063	4	122	1
879	9.697 378	14	9.759 319	17	0.240 681	9.938 059	4	121	2
		13		17			4		3
.880	9.697 391	13	9.759 336	18	0.240 664	9.938 055	5	.120	4
881	9.697 404	13	9.759 354	17	0.240 646	9.938 050	4	119	5
882	9.697 417	13	9.759 371	18	0.240 629	9.938 046	5	118	6
883	9.697 430	13	9.759 389	17	0.240 611	9.938 041	4	117	7
		14		18			4		8
884	9.697 444	13	9.759 406	18	0.240 594	9.938 037	4	116	9
885	9.697 457	13	9.759 424	18	0.240 576	9.938 033	5	115	
886	9.697 470	13	9.759 442	17	0.240 558	9.938 028	4	114	
		13		18			4		
887	9.697 483	13	9.759 459	18	0.240 541	9.938 024	5	113	
888	9.697 496	13	9.759 477	17	0.240 523	9.938 020	4	112	
889	9.697 509	13	9.759 494	17	0.240 506	9.938 015	5	111	
		14		18			4		13
.890	9.697 523	13	9.759 512	17	0.240 488	9.938 011	4	.110	1
891	9.697 536	13	9.759 529	18	0.240 471	9.938 007	5	109	2
892	9.697 549	13	9.759 547	17	0.240 453	9.938 002	4	108	3
893	9.697 562	13	9.759 564	18	0.240 436	9.937 998	4	107	4
		13		18			4		5
894	9.697 575	14	9.759 582	17	0.240 418	9.937 994	5	106	6
895	9.697 589	13	9.759 599	18	0.240 401	9.937 989	4	105	7
896	9.697 602	13	9.759 617	17	0.240 383	9.937 985	5	104	8
		13		18			4		9
897	9.697 615	13	9.759 634	17	0.240 366	9.937 980	5	103	
898	9.697 628	13	9.759 652	18	0.240 348	9.937 976	4	102	
899	9.697 641	13	9.759 670	17	0.240 330	9.937 972	5	101	
		13		17			4		
.900	9.697 654	13	9.759 687	17	0.240 313	9.937 967	5	.100	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.150 — 60°.100

29°.900 — 29°.950

29°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.697 654		9.759 687		0.240 313	9.937 967		.100	
901	9.697 668	14	9.759 705	18	0.240 295	9.937 963	4	099	
902	9.697 681	13	9.759 722	17	0.240 278	9.937 959	4	098	
903	9.697 694	13	9.759 740	18	0.240 260	9.937 954	5	097	
		13		17			4		18
904	9.697 707	13	9.759 757	18	0.240 243	9.937 950	4	096	
905	9.697 720	13	9.759 775	18	0.240 225	9.937 946	4	095	1 1.8
906	9.697 734	14	9.759 792	17	0.240 208	9.937 941	5	094	2 3.6
		13		18			4		3 5.4
907	9.697 747	13	9.759 810	17	0.240 190	9.937 937	4	093	4 7.2
908	9.697 760	13	9.759 827	17	0.240 173	9.937 932	5	092	5 9.0
909	9.697 773	13	9.759 845	18	0.240 155	9.937 928	4	091	6 10.8
		13		17			4		7 12.6
.910	9.697 786	13	9.759 862	18	0.240 138	9.937 924	5	.090	8 14.4
		13		18			5	089	9 16.2
911	9.697 799	14	9.759 880	18	0.240 120	9.937 919	4	088	
912	9.697 813	13	9.759 898	17	0.240 102	9.937 915	4	087	
913	9.697 826	13	9.759 915	18	0.240 085	9.937 911	5	086	
		13		17			4		17
914	9.697 839	13	9.759 933	18	0.240 067	9.937 906	5	085	
915	9.697 852	13	9.759 950	17	0.240 050	9.937 902	4	084	
916	9.697 865	13	9.759 968	18	0.240 032	9.937 898	5	083	1 1.7
		13		17			4		2 3.4
917	9.697 878	14	9.759 985	18	0.240 015	9.937 893	5	082	3 5.1
918	9.697 892	13	9.760 003	17	0.239 997	9.937 889	4	081	4 6.8
919	9.697 905	13	9.760 020	18	0.239 980	9.937 885	5		5 8.5
		13		17			4		6 10.2
.920	9.697 918	13	9.760 038	18	0.239 962	9.937 880	5	.080	7 11.9
		13		17			4	079	8 13.6
921	9.697 931	13	9.760 055	18	0.239 945	9.937 876	5	078	9 15.3
922	9.697 944	14	9.760 073	17	0.239 927	9.937 871	4	077	
923	9.697 958	13	9.760 090	18	0.239 910	9.937 867	4	076	
		13		18			5		
924	9.697 971	13	9.760 108	18	0.239 892	9.937 863	4	075	
925	9.697 984	13	9.760 126	17	0.239 874	9.937 858	4	074	
926	9.697 997	13	9.760 143	18	0.239 857	9.937 854	4	073	
		13		17			5		14
927	9.698 010	13	9.760 161	18	0.239 839	9.937 850	4	072	
928	9.698 023	14	9.760 178	17	0.239 822	9.937 845	4	071	1 1.4
929	9.698 037	13	9.760 196	18	0.239 804	9.937 841	4		2 2.8
		13		17			5		3 4.2
.930	9.698 050	13	9.760 213	18	0.239 787	9.937 837	4	.070	4 5.6
		13		17			5	069	5 7.0
931	9.698 063	13	9.760 231	18	0.239 769	9.937 832	4	068	6 8.4
932	9.698 076	13	9.760 248	17	0.239 752	9.937 828	5	067	7 9.8
933	9.698 089	13	9.760 266	18	0.239 734	9.937 823	4	066	8 11.2
		13		17			5		9 12.6
934	9.698 102	14	9.760 283	18	0.239 717	9.937 819	4	065	
935	9.698 116	13	9.760 301	17	0.239 699	9.937 815	4	064	
936	9.698 129	13	9.760 318	18	0.239 682	9.937 810	4	063	
		13		17			5		
937	9.698 142	13	9.760 336	18	0.239 664	9.937 806	4	062	
938	9.698 155	13	9.760 353	17	0.239 647	9.937 802	4	061	
939	9.698 168	13	9.760 371	18	0.239 629	9.937 797	5		13
		13		17			4		
.940	9.698 181	13	9.760 388	18	0.239 612	9.937 793	4	.060	1 1.3
		13		17			5	059	2 2.6
941	9.698 194	14	9.760 406	18	0.239 594	9.937 789	4	058	3 3.9
942	9.698 208	13	9.760 423	17	0.239 577	9.937 784	5	057	4 5.2
943	9.698 221	13	9.760 441	18	0.239 559	9.937 780	4	056	5 6.5
		13		17			5		6 7.8
944	9.698 234	13	9.760 459	18	0.239 541	9.937 775	4	055	7 9.1
945	9.698 247	13	9.760 476	17	0.239 524	9.937 771	4	054	8 10.4
946	9.698 260	13	9.760 494	18	0.239 506	9.937 767	5		9 11.7
		13		17			4		
947	9.698 273	14	9.760 511	18	0.239 489	9.937 762	4	053	
948	9.698 287	13	9.760 529	17	0.239 471	9.937 758	4	052	
949	9.698 300	13	9.760 546	18	0.239 454	9.937 754	5	051	
		13		17			4		
.950	9.698 313	13	9.760 564	18	0.239 436	9.937 749	5	.050	
	cos	d	cotg	d	tang	sin	d	60°	P.P.

60°.100 — 60°.050

29°.950 — 30°.000

29°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.698 313		9.760 564		0.239 436	9.937 749		.050	
951	9.698 326	13	9.760 581	17	0.239 419	9.937 745	4	049	
952	9.698 339	13	9.760 599	18	0.239 401	9.937 740	5	048	
953	9.698 352	13	9.760 616	17	0.239 384	9.937 736	4	047	
		14		18			4		18
954	9.698 366		9.760 634		0.239 366	9.937 732	4	046	
955	9.698 379	13	9.760 651	17	0.239 349	9.937 727	5	045	1 1.8
956	9.698 392	13	9.760 669	18	0.239 331	9.937 723	4	044	2 3.6
		13		17			4		3 5.4
957	9.698 405		9.760 686		0.239 314	9.937 719	4	043	4 7.2
958	9.698 418	13	9.760 704	18	0.239 296	9.937 714	5	042	5 9.0
959	9.698 431	13	9.760 721	17	0.239 279	9.937 710	4	041	6 10.8
		13		18			4		7 12.6
.960	9.698 444		9.760 739		0.239 261	9.937 706		.040	8 14.4
		14		17			5		9 16.2
961	9.698 458		9.760 756		0.239 244	9.937 701		039	
962	9.698 471	13	9.760 774	18	0.239 226	9.937 697	4	038	
963	9.698 484	13	9.760 791	17	0.239 209	9.937 692	5	037	
		13		18			4		
964	9.698 497		9.760 809		0.239 191	9.937 688		036	
965	9.698 510	13	9.760 826	17	0.239 174	9.937 684	4	035	
966	9.698 523	13	9.760 844	18	0.239 156	9.937 679	5	034	17
		13		18			4		1 1.7
967	9.698 536		9.760 862		0.239 138	9.937 675		033	2 3.4
968	9.698 550	14	9.760 879	17	0.239 121	9.937 671	4	032	3 5.1
969	9.698 563	13	9.760 897	18	0.239 103	9.937 666	5	031	4 6.8
		13		17			4		5 8.5
.970	9.698 576		9.760 914		0.239 086	9.937 662		.030	6 10.2
		13		18			5		7 11.9
971	9.698 589		9.760 932		0.239 068	9.937 657		029	8 13.6
972	9.698 602	13	9.760 949	17	0.239 051	9.937 653	4	028	9 15.3
973	9.698 615	13	9.760 967	18	0.239 033	9.937 649	4	027	
		13		17			5		
974	9.698 628		9.760 984		0.239 016	9.937 644		026	
975	9.698 642	14	9.761 002	18	0.238 998	9.937 640	4	025	
976	9.698 655	13	9.761 019	17	0.238 981	9.937 636	4	024	
		13		18			5		
977	9.698 668		9.761 037		0.238 963	9.937 631		023	14
978	9.698 681	13	9.761 054	17	0.238 946	9.937 627	4	022	1 1.4
979	9.698 694	13	9.761 072	18	0.238 928	9.937 622	5	021	2 2.8
		13		17			4		3 4.2
.980	9.698 707		9.761 089		0.238 911	9.937 618		.020	4 5.6
		13		18			4		5 7.0
981	9.698 720		9.761 107		0.238 893	9.937 614		019	6 8.4
982	9.698 734	14	9.761 124	17	0.238 876	9.937 609	5	018	7 9.8
983	9.698 747	13	9.761 142	18	0.238 858	9.937 605	4	017	8 11.2
		13		17			4		9 12.6
984	9.698 760		9.761 159		0.238 841	9.937 601		016	
985	9.698 773	13	9.761 177	18	0.238 823	9.937 596	5	015	
986	9.698 786	13	9.761 194	17	0.238 806	9.937 592	4	014	
		13		18			4		
987	9.698 799		9.761 212		0.238 788	9.937 588		013	
988	9.698 812	13	9.761 229	17	0.238 771	9.937 583	5	012	
989	9.698 826	14	9.761 247	18	0.238 753	9.937 579	4	011	
		13		17			5		13
.990	9.698 839		9.761 264		0.238 736	9.937 574		.010	1 1.3
		13		18			4		2 2.6
991	9.698 852		9.761 282		0.238 718	9.937 570		009	3 3.9
992	9.698 865	13	9.761 299	17	0.238 701	9.937 566	4	008	4 5.2
993	9.698 878	13	9.761 317	18	0.238 683	9.937 561	5	007	5 6.5
		13		17			4		6 7.8
994	9.698 891		9.761 334		0.238 666	9.937 557		006	7 9.1
995	9.698 904	13	9.761 352	18	0.238 648	9.937 553	4	005	8 10.4
996	9.698 917	13	9.761 369	17	0.238 631	9.937 548	5	004	9 11.7
		14		18			4		
997	9.698 931		9.761 387		0.238 613	9.937 544		003	
998	9.698 944	13	9.761 404	17	0.238 596	9.937 539	5	002	
999	9.698 957	13	9.761 422	18	0.238 578	9.937 535	4	001	
		13		17			4		
*.000	9.698 970		9.761 439		0.238 561	9.937 531		.000	
								60°	
	cos	d	cotg	d	tang	sin	d		P.P.

60°.050 — 60°.000

30°.000 — 30°.050

30°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.698 970		9.761 439		0.238 561	9.937 531		*.000	
001	9.698 983	13	9.761 457	18	0.238 543	9.937 526	5	999	
002	9.698 996	13	9.761 474	17	0.238 526	9.937 522	4	998	
003	9.699 009	13	9.761 492	18	0.238 508	9.937 518	4	997	
004	9.699 023	14	9.761 509	17	0.238 491	9.937 513	5	996	18
005	9.699 036	13	9.761 527	18	0.238 473	9.937 509	4	995	1 1.8
006	9.699 049	13	9.761 544	17	0.238 456	9.937 504	5	994	2 3.6
007	9.699 062	13	9.761 562	18	0.238 438	9.937 500	4	993	3 5.4
008	9.699 075	13	9.761 579	17	0.238 421	9.937 496	4	992	4 7.2
009	9.699 088	13	9.761 597	18	0.238 403	9.937 491	5	991	5 9.0
.010	9.699 101	13	9.761 614	17	0.238 386	9.937 487	4	.990	6 10.8
		13		18			5		7 12.6
011	9.699 114	14	9.761 632	17	0.238 368	9.937 482	4	989	8 14.4
012	9.699 128	13	9.761 649	18	0.238 351	9.937 478	4	988	9 16.2
013	9.699 141	13	9.761 667	18	0.238 333	9.937 474	4	987	
014	9.699 154	13	9.761 684	17	0.238 316	9.937 469	5	986	
015	9.699 167	13	9.761 702	18	0.238 298	9.937 465	4	985	
016	9.699 180	13	9.761 719	17	0.238 281	9.937 461	4	984	17
017	9.699 193	13	9.761 737	18	0.238 263	9.937 456	5	983	1 1.7
018	9.699 206	13	9.761 754	17	0.238 246	9.937 452	4	982	2 3.4
019	9.699 219	13	9.761 772	18	0.238 228	9.937 447	5	981	3 5.1
.020	9.699 232	13	9.761 789	17	0.238 211	9.937 443	4	.980	4 6.8
		14		18			4		5 8.5
021	9.699 246	13	9.761 807	17	0.238 193	9.937 439	5	979	6 10.2
022	9.699 259	13	9.761 824	18	0.238 176	9.937 434	4	978	7 11.9
023	9.699 272	13	9.761 842	18	0.238 158	9.937 430	4	977	8 13.6
024	9.699 285	13	9.761 859	17	0.238 141	9.937 426	4	976	9 15.3
025	9.699 298	13	9.761 877	18	0.238 123	9.937 421	5	975	
026	9.699 311	13	9.761 894	17	0.238 106	9.937 417	4	974	
027	9.699 324	13	9.761 912	18	0.238 088	9.937 412	5	973	
028	9.699 337	13	9.761 929	17	0.238 071	9.937 408	4	972	14
029	9.699 351	14	9.761 947	18	0.238 053	9.937 404	4	971	1 1.4
.030	9.699 364	13	9.761 964	17	0.238 036	9.937 399	5	.970	2 2.8
		13		18			4		3 4.2
031	9.699 377	13	9.761 982	17	0.238 018	9.937 395	4	969	4 5.6
032	9.699 390	13	9.761 999	18	0.238 001	9.937 391	4	968	5 7.0
033	9.699 403	13	9.762 017	18	0.237 983	9.937 386	5	967	6 8.4
034	9.699 416	13	9.762 034	17	0.237 966	9.937 382	4	966	7 9.8
035	9.699 429	13	9.762 052	18	0.237 948	9.937 377	5	965	8 11.2
036	9.699 442	13	9.762 069	17	0.237 931	9.937 373	4	964	9 12.6
037	9.699 455	13	9.762 087	18	0.237 913	9.937 369	4	963	
038	9.699 469	14	9.762 104	17	0.237 896	9.937 364	5	962	
039	9.699 482	13	9.762 122	18	0.237 878	9.937 360	4	961	
.040	9.699 495	13	9.762 139	17	0.237 861	9.937 355	5	.960	13
		13		18			4		1 1.3
041	9.699 508	13	9.762 157	17	0.237 843	9.937 351	4	959	2 2.6
042	9.699 521	13	9.762 174	18	0.237 826	9.937 347	4	958	3 3.9
043	9.699 534	13	9.762 192	18	0.237 808	9.937 342	5	957	4 5.2
044	9.699 547	13	9.762 209	17	0.237 791	9.937 338	4	956	5 6.5
045	9.699 560	13	9.762 227	18	0.237 773	9.937 334	4	955	6 7.8
046	9.699 573	13	9.762 244	17	0.237 756	9.937 329	5	954	7 9.1
047	9.699 586	13	9.762 262	18	0.237 738	9.937 325	4	953	8 10.4
048	9.699 600	14	9.762 279	17	0.237 721	9.937 320	5	952	9 11.7
049	9.699 613	13	9.762 297	18	0.237 703	9.937 316	4	951	
.050	9.699 626	13	9.762 314	17	0.237 686	9.937 312	4	.950	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

30°.050 — 30°.100

30°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.699 626		9.762 314		0.237 686	9.937 312		.950	
051	9.699 639	13	9.762 332	18	0.237 668	9.937 307	5	949	
052	9.699 652	13	9.762 349	17	0.237 651	9.937 303	4	948	
053	9.699 665	13	9.762 367	18	0.237 633	9.937 298	5	947	
		13		17			4		18
054	9.699 678	13	9.762 384	17	0.237 616	9.937 294	4	946	
055	9.699 691	13	9.762 402	18	0.237 598	9.937 290	4	945	1 1.8
056	9.699 704	13	9.762 419	17	0.237 581	9.937 285	5	944	2 3.6
		13		18			4		3 5.4
057	9.699 717	13	9.762 437	17	0.237 563	9.937 281	4	943	4 7.2
058	9.699 731	14	9.762 454	17	0.237 546	9.937 277	4	942	5 9.0
059	9.699 744	13	9.762 472	18	0.237 528	9.937 272	5	941	6 10.8
		13		17			4		7 12.6
.060	9.699 757	13	9.762 489	18	0.237 511	9.937 268	5	.940	8 14.4
		13		17			4		9 16.2
061	9.699 770	13	9.762 507	17	0.237 493	9.937 263	5	939	
062	9.699 783	13	9.762 524	17	0.237 476	9.937 259	4	938	
063	9.699 796	13	9.762 541	17	0.237 459	9.937 255	4	937	
		13		18			5		17
064	9.699 809	13	9.762 559	17	0.237 441	9.937 250	4	936	
065	9.699 822	13	9.762 576	17	0.237 424	9.937 246	4	935	
066	9.699 835	13	9.762 594	18	0.237 406	9.937 241	5	934	
		13		17			4		1 1.7
067	9.699 848	13	9.762 611	17	0.237 389	9.937 237	4	933	2 3.4
068	9.699 862	14	9.762 629	18	0.237 371	9.937 233	4	932	3 5.1
069	9.699 875	13	9.762 646	17	0.237 354	9.937 228	5	931	4 6.8
		13		18			4		5 8.5
.070	9.699 888	13	9.762 664	17	0.237 336	9.937 224	5	.930	6 10.2
		13		17			4		7 11.9
071	9.699 901	13	9.762 681	18	0.237 319	9.937 219	4	929	8 13.6
072	9.699 914	13	9.762 699	17	0.237 301	9.937 215	4	928	9 15.3
073	9.699 927	13	9.762 716	17	0.237 284	9.937 211	5	927	
		13		18			4		
074	9.699 940	13	9.762 734	17	0.237 266	9.937 206	5	926	
075	9.699 953	13	9.762 751	17	0.237 249	9.937 202	4	925	
076	9.699 966	13	9.762 769	18	0.237 231	9.937 198	4	924	
		13		17			5		
077	9.699 979	13	9.762 786	18	0.237 214	9.937 193	4	923	14
078	9.699 992	13	9.762 804	17	0.237 196	9.937 189	4	922	
079	9.700 006	14	9.762 821	17	0.237 179	9.937 184	5	921	
		13		18			4		1 1.4
.080	9.700 019	13	9.762 839	17	0.237 161	9.937 180	5	.920	2 2.8
		13		17			4		3 4.2
081	9.700 032	13	9.762 856	18	0.237 144	9.937 176	5	919	4 5.6
082	9.700 045	13	9.762 874	17	0.237 126	9.937 171	4	918	5 7.0
083	9.700 058	13	9.762 891	17	0.237 109	9.937 167	4	917	6 8.4
		13		18			5		7 9.8
084	9.700 071	13	9.762 909	17	0.237 091	9.937 162	4	916	8 11.2
085	9.700 084	13	9.762 926	17	0.237 074	9.937 158	4	915	9 12.6
086	9.700 097	13	9.762 943	17	0.237 057	9.937 154	4	914	
		13		18			5		
087	9.700 110	13	9.762 961	17	0.237 039	9.937 149	4	913	
088	9.700 123	13	9.762 978	17	0.237 022	9.937 145	4	912	
089	9.700 136	13	9.762 996	18	0.237 004	9.937 140	5	911	
		13		17			4		13
.090	9.700 149	14	9.763 013	18	0.236 987	9.937 136	5	.910	1 1.3
		13		17			4		2 2.6
091	9.700 163	13	9.763 031	17	0.236 969	9.937 132	5	909	3 3.9
092	9.700 176	13	9.763 048	18	0.236 952	9.937 127	4	908	4 5.2
093	9.700 189	13	9.763 066	17	0.236 934	9.937 123	5	907	5 6.5
		13		17			4		6 7.8
094	9.700 202	13	9.763 083	18	0.236 917	9.937 118	5	906	7 9.1
095	9.700 215	13	9.763 101	17	0.236 899	9.937 114	4	905	8 10.4
096	9.700 228	13	9.763 118	17	0.236 882	9.937 110	4	904	9 11.7
		13		18			5		
097	9.700 241	13	9.763 136	17	0.236 864	9.937 105	4	903	
098	9.700 254	13	9.763 153	17	0.236 847	9.937 101	4	902	
099	9.700 267	13	9.763 171	18	0.236 829	9.937 097	4	901	
		13		17			5		
.100	9.700 280	13	9.763 188	17	0.236 812	9.937 092	5	.900	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.950 — 59°.900

30°.100 — 30°.150

30°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.700 280		9.763 188		0.236 812	9.937 092		.900	
101	9.700 293	13	9.763 206	18	0.236 794	9.937 088	4	899	
102	9.700 306	13	9.763 223	17	0.236 777	9.937 083	5	898	
103	9.700 319	13	9.763 241	18	0.236 759	9.937 079	4	897	
		14		17			4		18
104	9.700 333	13	9.763 258	17	0.236 742	9.937 075	5	896	1
105	9.700 346	13	9.763 275	18	0.236 725	9.937 070	4	895	2
106	9.700 359	13	9.763 293	17	0.236 707	9.937 066	5	894	3
		13		18			4		4
107	9.700 372	13	9.763 310	17	0.236 690	9.937 061	5	893	5
108	9.700 385	13	9.763 328	17	0.236 672	9.937 057	4	892	6
109	9.700 398	13	9.763 345	18	0.236 655	9.937 053	5	891	7
		13		17			4		8
.110	9.700 411	13	9.763 363	18	0.236 637	9.937 048	5	.890	9
		13		17			4		
111	9.700 424	13	9.763 380	18	0.236 620	9.937 044	5	889	
112	9.700 437	13	9.763 398	17	0.236 602	9.937 039	4	888	
113	9.700 450	13	9.763 415	18	0.236 585	9.937 035	4	887	
		13		17			4		
114	9.700 463	13	9.763 433	17	0.236 567	9.937 031	5	886	
115	9.700 476	13	9.763 450	18	0.236 550	9.937 026	4	885	
116	9.700 489	13	9.763 468	17	0.236 532	9.937 022	5	884	17
		13		18			4		
117	9.700 502	14	9.763 485	17	0.236 515	9.937 017	5	883	1
118	9.700 516	13	9.763 503	18	0.236 497	9.937 013	4	882	2
119	9.700 529	13	9.763 520	17	0.236 480	9.937 009	4	881	3
		13		17			5		4
.120	9.700 542	13	9.763 537	18	0.236 463	9.937 004	4	.880	5
		13		17			5		6
121	9.700 555	13	9.763 555	17	0.236 445	9.937 000	4	879	7
122	9.700 568	13	9.763 572	18	0.236 428	9.936 995	5	878	8
123	9.700 581	13	9.763 590	17	0.236 410	9.936 991	4	877	9
		13		18			4		
124	9.700 594	13	9.763 607	17	0.236 393	9.936 987	5	876	
125	9.700 607	13	9.763 625	18	0.236 375	9.936 982	4	875	
126	9.700 620	13	9.763 642	17	0.236 358	9.936 978	5	874	
		13		18			4		
127	9.700 633	13	9.763 660	17	0.236 340	9.936 973	5	873	
128	9.700 646	13	9.763 677	18	0.236 323	9.936 969	4	872	14
129	9.700 659	13	9.763 695	17	0.236 305	9.936 965	5	871	1
		13		18			4		2
.130	9.700 672	13	9.763 712	17	0.236 288	9.936 960	5	.870	3
		13		18			4		4
131	9.700 685	13	9.763 730	17	0.236 270	9.936 956	5	869	5
132	9.700 698	13	9.763 747	17	0.236 253	9.936 951	4	868	6
133	9.700 711	14	9.763 764	18	0.236 236	9.936 947	4	867	7
		13		17			5		8
134	9.700 725	13	9.763 782	18	0.236 218	9.936 943	4	866	9
135	9.700 738	13	9.763 799	17	0.236 201	9.936 938	5	865	
136	9.700 751	13	9.763 817	18	0.236 183	9.936 934	4	864	
		13		17			5		
137	9.700 764	13	9.763 834	18	0.236 166	9.936 929	4	863	
138	9.700 777	13	9.763 852	17	0.236 148	9.936 925	5	862	
139	9.700 790	13	9.763 869	18	0.236 131	9.936 921	4	861	
		13		17			5		13
.140	9.700 803	13	9.763 887	18	0.236 113	9.936 916	4	.860	1
		13		17			5		2
141	9.700 816	13	9.763 904	18	0.236 096	9.936 912	4	859	3
142	9.700 829	13	9.763 922	17	0.236 078	9.936 907	5	858	4
143	9.700 842	13	9.763 939	18	0.236 061	9.936 903	4	857	5
		13		17			5		6
144	9.700 855	13	9.763 956	18	0.236 044	9.936 899	4	856	7
145	9.700 868	13	9.763 974	17	0.236 026	9.936 894	5	855	8
146	9.700 881	13	9.763 991	18	0.236 009	9.936 890	4	854	9
		13		17			5		
147	9.700 894	13	9.764 009	18	0.235 991	9.936 885	4	853	
148	9.700 907	13	9.764 026	17	0.235 974	9.936 881	5	852	
149	9.700 920	13	9.764 044	18	0.235 956	9.936 877	4	851	
		13		17			5		
.150	9.700 933	13	9.764 061	18	0.235 939	9.936 872	4	.850	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.900 — 59°.850

30°.150 — 30°.200

30°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.700 933		9.764 061		0.235 939	9.936 872		.850	
151	9.700 946	13	9.764 079	18	0.235 921	9.936 868	4	849	
152	9.700 959	13	9.764 096	17	0.235 904	9.936 863	5	848	
153	9.700 973	14	9.764 114	18	0.235 886	9.936 859	4	847	
154	9.700 986	13	9.764 131	17	0.235 869	9.936 855	4	846	18
155	9.700 999	13	9.764 148	17	0.235 852	9.936 850	5	845	1 1.8
156	9.701 012	13	9.764 166	18	0.235 834	9.936 846	4	844	2 3.6
157	9.701 025	13	9.764 183	17	0.235 817	9.936 841	5	843	3 5.4
158	9.701 038	13	9.764 201	18	0.235 799	9.936 837	4	842	4 7.2
159	9.701 051	13	9.764 218	17	0.235 782	9.936 833	4	841	5 9.0
.160	9.701 064	13	9.764 236	18	0.235 764	9.936 828	5	.840	6 10.8
		13		17			4		7 12.6
161	9.701 077	13	9.764 253	18	0.235 747	9.936 824	5	839	8 14.4
162	9.701 090	13	9.764 271	17	0.235 729	9.936 819	4	838	9 16.2
163	9.701 103	13	9.764 288	17	0.235 712	9.936 815	4	837	
164	9.701 116	13	9.764 305	17	0.235 695	9.936 811	4	836	
165	9.701 129	13	9.764 323	18	0.235 677	9.936 806	5	835	
166	9.701 142	13	9.764 340	17	0.235 660	9.936 802	4	834	17
167	9.701 155	13	9.764 358	18	0.235 642	9.936 797	5	833	1 1.7
168	9.701 168	13	9.764 375	17	0.235 625	9.936 793	4	832	2 3.4
169	9.701 181	13	9.764 393	18	0.235 607	9.936 789	4	831	3 5.1
.170	9.701 194	13	9.764 410	17	0.235 590	9.936 784	5	.830	4 6.8
		13		18			4		5 8.5
171	9.701 207	13	9.764 428	17	0.235 572	9.936 780	5	829	6 10.2
172	9.701 220	13	9.764 445	17	0.235 555	9.936 775	4	828	7 11.9
173	9.701 233	13	9.764 462	17	0.235 538	9.936 771	4	827	8 13.6
174	9.701 246	13	9.764 480	18	0.235 520	9.936 766	5	826	9 15.3
175	9.701 259	13	9.764 497	17	0.235 503	9.936 762	4	825	
176	9.701 272	13	9.764 515	18	0.235 485	9.936 758	4	824	
177	9.701 286	14	9.764 532	17	0.235 468	9.936 753	5	823	
178	9.701 299	13	9.764 550	18	0.235 450	9.936 749	4	822	14
179	9.701 312	13	9.764 567	17	0.235 433	9.936 744	5	821	1 1.4
.180	9.701 325	13	9.764 585	18	0.235 415	9.936 740	4	.820	2 2.8
		13		17			4		3 4.2
181	9.701 338	13	9.764 602	17	0.235 398	9.936 736	4	819	4 5.6
182	9.701 351	13	9.764 619	17	0.235 381	9.936 731	5	818	5 7.0
183	9.701 364	13	9.764 637	18	0.235 363	9.936 727	4	817	6 8.4
184	9.701 377	13	9.764 654	17	0.235 346	9.936 722	5	816	7 9.8
185	9.701 390	13	9.764 672	18	0.235 328	9.936 718	4	815	8 11.2
186	9.701 403	13	9.764 689	17	0.235 311	9.936 714	4	814	9 12.6
187	9.701 416	13	9.764 707	18	0.235 293	9.936 709	5	813	
188	9.701 429	13	9.764 724	17	0.235 276	9.936 705	4	812	
189	9.701 442	13	9.764 742	18	0.235 258	9.936 700	5	811	
.190	9.701 455	13	9.764 759	17	0.235 241	9.936 696	4	.810	13
		13		17			4		1 1.3
191	9.701 468	13	9.764 776	17	0.235 224	9.936 692	4	809	2 2.6
192	9.701 481	13	9.764 794	18	0.235 206	9.936 687	5	808	3 3.9
193	9.701 494	13	9.764 811	17	0.235 189	9.936 683	4	807	4 5.2
194	9.701 507	13	9.764 829	18	0.235 171	9.936 678	5	806	5 6.5
195	9.701 520	13	9.764 846	17	0.235 154	9.936 674	4	805	6 7.8
196	9.701 533	13	9.764 864	18	0.235 136	9.936 669	5	804	7 9.1
197	9.701 546	13	9.764 881	17	0.235 119	9.936 665	4	803	8 10.4
198	9.701 559	13	9.764 898	17	0.235 102	9.936 661	4	802	9 11.7
199	9.701 572	13	9.764 916	18	0.235 084	9.936 656	5	801	
.200	9.701 585	13	9.764 933	17	0.235 067	9.936 652	4	.800	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.850 — 59°.800

30°.200 — 30°.250

30°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.701 585		9.764 933		0.235 067	9.936 652		.800	
201	9.701 598	13	9.764 951	18	0.235 049	9.936 647	5	799	
202	9.701 611	13	9.764 968	17	0.235 032	9.936 643	4	798	
203	9.701 624	13	9.764 986	18	0.235 014	9.936 639	4	797	
204	9.701 637	13	9.765 003	17	0.234 997	9.936 634	5	796	18
205	9.701 650	13	9.765 021	18	0.234 979	9.936 630	4	795	1 1.8
206	9.701 663	13	9.765 038	17	0.234 962	9.936 625	5	794	2 3.6
207	9.701 676	13	9.765 055	17	0.234 945	9.936 621	4	793	3 5.4
208	9.701 689	13	9.765 073	18	0.234 927	9.936 617	4	792	4 7.2
209	9.701 702	13	9.765 090	17	0.234 910	9.936 612	5	791	5 9.0
.210	9.701 715	13	9.765 108	18	0.234 892	9.936 608	4	.790	6 10.8
211	9.701 728	13	9.765 125	17	0.234 875	9.936 603	5	789	7 12.6
212	9.701 741	13	9.765 143	18	0.234 857	9.936 599	4	788	8 14.4
213	9.701 754	13	9.765 160	17	0.234 840	9.936 594	5	787	9 16.2
214	9.701 767	13	9.765 177	17	0.234 823	9.936 590	4	786	
215	9.701 781	14	9.765 195	18	0.234 805	9.936 586	4	785	17
216	9.701 794	13	9.765 212	17	0.234 788	9.936 581	5	784	1 1.7
217	9.701 807	13	9.765 230	18	0.234 770	9.936 577	4	783	2 3.4
218	9.701 820	13	9.765 247	17	0.234 753	9.936 572	5	782	3 5.1
219	9.701 833	13	9.765 265	18	0.234 735	9.936 568	4	781	4 6.8
.220	9.701 846	13	9.765 282	17	0.234 718	9.936 564	4	.780	5 8.5
221	9.701 859	13	9.765 299	17	0.234 701	9.936 559	5	779	6 10.2
222	9.701 872	13	9.765 317	18	0.234 683	9.936 555	4	778	7 11.9
223	9.701 885	13	9.765 334	17	0.234 666	9.936 550	5	777	8 13.6
224	9.701 898	13	9.765 352	18	0.234 648	9.936 546	4	776	9 15.3
225	9.701 911	13	9.765 369	17	0.234 631	9.936 542	4	775	
226	9.701 924	13	9.765 387	18	0.234 613	9.936 537	5	774	
227	9.701 937	13	9.765 404	17	0.234 596	9.936 533	4	773	14
228	9.701 950	13	9.765 421	17	0.234 579	9.936 528	5	772	1 1.4
229	9.701 963	13	9.765 439	18	0.234 561	9.936 524	4	771	2 2.8
.230	9.701 976	13	9.765 456	17	0.234 544	9.936 519	5	.770	3 4.2
231	9.701 989	13	9.765 474	18	0.234 526	9.936 515	4	769	4 5.6
232	9.702 002	13	9.765 491	17	0.234 509	9.936 511	4	768	5 7.0
233	9.702 015	13	9.765 509	18	0.234 491	9.936 506	5	767	6 8.4
234	9.702 028	13	9.765 526	17	0.234 474	9.936 502	4	766	7 9.8
235	9.702 041	13	9.765 543	17	0.234 457	9.936 497	5	765	8 11.2
236	9.702 054	13	9.765 561	18	0.234 439	9.936 493	4	764	9 12.6
237	9.702 067	13	9.765 578	17	0.234 422	9.936 489	4	763	
238	9.702 080	13	9.765 596	18	0.234 404	9.936 484	5	762	
239	9.702 093	13	9.765 613	17	0.234 387	9.936 480	4	761	13
.240	9.702 106	13	9.765 630	17	0.234 370	9.936 475	5	.760	1 1.3
241	9.702 119	13	9.765 648	18	0.234 352	9.936 471	4	759	2 2.6
242	9.702 132	13	9.765 665	17	0.234 335	9.936 466	5	758	3 3.9
243	9.702 145	13	9.765 683	18	0.234 317	9.936 462	4	757	4 5.2
244	9.702 158	13	9.765 700	17	0.234 300	9.936 458	4	756	5 6.5
245	9.702 171	13	9.765 718	18	0.234 282	9.936 453	5	755	6 7.8
246	9.702 184	13	9.765 735	17	0.234 265	9.936 449	4	754	7 9.1
247	9.702 197	13	9.765 752	17	0.234 248	9.936 444	5	753	8 10.4
248	9.702 210	13	9.765 770	18	0.234 230	9.936 440	4	752	9 11.7
249	9.702 223	13	9.765 787	17	0.234 213	9.936 435	5	751	
.250	9.702 236	13	9.765 805	18	0.234 195	9.936 431	4	.750	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

30°.250 — 30°.300

30°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.702 236		9.765 805		0.234 195	9.936 431		.750	
251	9.702 249	13	9.765 822	17	0.234 178	9.936 427	4	749	
252	9.702 262	13	9.765 840	18	0.234 160	9.936 422	5	748	
253	9.702 275	13	9.765 857	17	0.234 143	9.936 418	4	747	
254	9.702 288	13	9.765 874	17	0.234 126	9.936 413	5	746	
255	9.702 301	13	9.765 892	18	0.234 108	9.936 409	4	745	
256	9.702 314	13	9.765 909	17	0.234 091	9.936 405	4	744	
257	9.702 327	13	9.765 927	18	0.234 073	9.936 400	5	743	
258	9.702 340	13	9.765 944	17	0.234 056	9.936 396	4	742	
259	9.702 353	13	9.765 961	17	0.234 039	9.936 391	5	741	
.260	9.702 366	13	9.765 979	18	0.234 021	9.936 387	4	.740	
261	9.702 379	13	9.765 996	17	0.234 004	9.936 382	5	739	
262	9.702 392	13	9.766 014	18	0.233 986	9.936 378	4	738	
263	9.702 405	13	9.766 031	17	0.233 969	9.936 374	4	737	
264	9.702 418	13	9.766 048	17	0.233 952	9.936 369	5	736	
265	9.702 431	13	9.766 066	18	0.233 934	9.936 365	4	735	
266	9.702 444	13	9.766 083	17	0.233 917	9.936 360	5	734	
267	9.702 457	13	9.766 101	18	0.233 899	9.936 356	4	733	
268	9.702 470	13	9.766 118	17	0.233 882	9.936 351	5	732	
269	9.702 483	13	9.766 136	18	0.233 864	9.936 347	4	731	
.270	9.702 496	13	9.766 153	17	0.233 847	9.936 343	4	.730	
271	9.702 509	13	9.766 170	17	0.233 830	9.936 338	5	729	
272	9.702 522	13	9.766 188	18	0.233 812	9.936 334	4	728	
273	9.702 535	13	9.766 205	17	0.233 795	9.936 329	5	727	
274	9.702 548	13	9.766 223	18	0.233 777	9.936 325	4	726	
275	9.702 561	13	9.766 240	17	0.233 760	9.936 320	5	725	
276	9.702 573	12	9.766 257	17	0.233 743	9.936 316	4	724	
277	9.702 586	13	9.766 275	18	0.233 725	9.936 312	4	723	
278	9.702 599	13	9.766 292	17	0.233 708	9.936 307	5	722	
279	9.702 612	13	9.766 310	18	0.233 690	9.936 303	4	721	
.280	9.702 625	13	9.766 327	17	0.233 673	9.936 298	5	.720	
281	9.702 638	13	9.766 344	17	0.233 656	9.936 294	4	719	
282	9.702 651	13	9.766 362	18	0.233 638	9.936 290	4	718	
283	9.702 664	13	9.766 379	17	0.233 621	9.936 285	5	717	
284	9.702 677	13	9.766 397	18	0.233 603	9.936 281	4	716	
285	9.702 690	13	9.766 414	17	0.233 586	9.936 276	5	715	
286	9.702 703	13	9.766 431	17	0.233 569	9.936 272	4	714	
287	9.702 716	13	9.766 449	18	0.233 551	9.936 267	5	713	
288	9.702 729	13	9.766 466	17	0.233 534	9.936 263	4	712	
289	9.702 742	13	9.766 484	18	0.233 516	9.936 259	4	711	
.290	9.702 755	13	9.766 501	17	0.233 499	9.936 254	5	.710	
291	9.702 768	13	9.766 519	18	0.233 481	9.936 250	4	709	
292	9.702 781	13	9.766 536	17	0.233 464	9.936 245	5	708	
293	9.702 794	13	9.766 553	17	0.233 447	9.936 241	4	707	
294	9.702 807	13	9.766 571	18	0.233 429	9.936 236	5	706	
295	9.702 820	13	9.766 588	17	0.233 412	9.936 232	4	705	
296	9.702 833	13	9.766 606	18	0.233 394	9.936 228	4	704	
297	9.702 846	13	9.766 623	17	0.233 377	9.936 223	5	703	
298	9.702 859	13	9.766 640	17	0.233 360	9.936 219	4	702	
299	9.702 872	13	9.766 658	18	0.233 342	9.936 214	5	701	
.300	9.702 885	13	9.766 675	17	0.233 325	9.936 210	4	.700	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.750 — 59°.700

30°.300 — 30°.350

30°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.702 885		9.766 675		0.233 325	9.936 210		.700	
301	9.702 898	13	9.766 693	18	0.233 307	9.936 205	5	699	
302	9.702 911	13	9.766 710	17	0.233 290	9.936 201	4	698	
303	9.702 924	13	9.766 727	17	0.233 273	9.936 197	4	697	
		13		18			5		18
304	9.702 937	13	9.766 745	17	0.233 255	9.936 192	4	696	1
305	9.702 950	13	9.766 762	18	0.233 238	9.936 188	5	695	2
306	9.702 963	13	9.766 780	17	0.233 220	9.936 183	4	694	3
		13		18			5		4
307	9.702 976	13	9.766 797	17	0.233 203	9.936 179	4	693	5
308	9.702 989	13	9.766 814	18	0.233 186	9.936 174	5	692	6
309	9.703 002	13	9.766 832	17	0.233 168	9.936 170	4	691	7
		13		18			5		8
.310	9.703 015		9.766 849		0.233 151	9.936 166		.690	9
		13		18			4		12.6
311	9.703 028	13	9.766 867	17	0.233 133	9.936 161	5	689	14.4
312	9.703 041	13	9.766 884	17	0.233 116	9.936 157	4	688	16.2
313	9.703 054	13	9.766 901	17	0.233 099	9.936 152	5	687	
		12		18			4		17
314	9.703 066	13	9.766 919	17	0.233 081	9.936 148	5	686	1
315	9.703 079	13	9.766 936	18	0.233 064	9.936 143	4	685	2
316	9.703 092	13	9.766 954	17	0.233 046	9.936 139	5	684	3
		13		18			4		4
317	9.703 105	13	9.766 971	17	0.233 029	9.936 134	5	683	5
318	9.703 118	13	9.766 988	17	0.233 012	9.936 130	4	682	6
319	9.703 131	13	9.767 006	18	0.232 994	9.936 126	5	681	7
		13		17			4		8
.320	9.703 144		9.767 023		0.232 977	9.936 121		.680	9
		13		17			5		8.5
321	9.703 157	13	9.767 040	18	0.232 960	9.936 117	4	679	10.2
322	9.703 170	13	9.767 058	17	0.232 942	9.936 112	5	678	11.9
323	9.703 183	13	9.767 075	18	0.232 925	9.936 108	4	677	13.6
		13		18			5		15.3
324	9.703 196	13	9.767 093	17	0.232 907	9.936 103	4	676	
325	9.703 209	13	9.767 110	17	0.232 890	9.936 099	5	675	13
326	9.703 222	13	9.767 127	18	0.232 873	9.936 095	4	674	1
		13		17			5		2
327	9.703 235	13	9.767 145	17	0.232 855	9.936 090	4	673	3
328	9.703 248	13	9.767 162	18	0.232 838	9.936 086	5	672	4
329	9.703 261	13	9.767 180	17	0.232 820	9.936 081	4	671	5
		13		17			5		6
.330	9.703 274		9.767 197		0.232 803	9.936 077		.670	7
		13		17			4		3.9
331	9.703 287	13	9.767 214	18	0.232 786	9.936 072	5	669	5.2
332	9.703 300	13	9.767 232	17	0.232 768	9.936 068	4	668	6.5
333	9.703 313	13	9.767 249	18	0.232 751	9.936 064	5	667	7.8
		13		18			4		9.1
334	9.703 326	13	9.767 267	17	0.232 733	9.936 059	5	666	10.4
335	9.703 339	13	9.767 284	17	0.232 716	9.936 055	4	665	11.7
336	9.703 352	13	9.767 301	18	0.232 699	9.936 050	5	664	
		13		18			4		
337	9.703 365	12	9.767 319	17	0.232 681	9.936 046	5	663	
338	9.703 377	13	9.767 336	18	0.232 664	9.936 041	4	662	
339	9.703 390	13	9.767 354	17	0.232 646	9.936 037	5	661	
		13		17			4		12
.340	9.703 403		9.767 371		0.232 629	9.936 032		.660	1
		13		17			5		1.2
341	9.703 416	13	9.767 388	18	0.232 612	9.936 028	4	659	2.4
342	9.703 429	13	9.767 406	17	0.232 594	9.936 024	5	658	3.6
343	9.703 442	13	9.767 423	17	0.232 577	9.936 019	4	657	4.8
		13		17			5		6.0
344	9.703 455	13	9.767 440	18	0.232 560	9.936 015	4	656	7.2
345	9.703 468	13	9.767 458	17	0.232 542	9.936 010	5	655	8.4
346	9.703 481	13	9.767 475	18	0.232 525	9.936 006	4	654	9.6
		13		18			5		10.8
347	9.703 494	13	9.767 493	17	0.232 507	9.936 001	4	653	
348	9.703 507	13	9.767 510	17	0.232 490	9.935 997	5	652	
349	9.703 520	13	9.767 527	18	0.232 473	9.935 993	4	651	
		13		18			5		
.350	9.703 533		9.767 545		0.232 455	9.935 988		.650	
		13							
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.700 — 59°.650

30°.350 — 30°.400

30°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.703 533		9.767 545		0.232 455	9.935 988		.650	
351	9.703 546	13	9.767 562	17	0.232 438	9.935 984	4	649	
352	9.703 559	13	9.767 580	18	0.232 420	9.935 979	5	648	
353	9.703 572	13	9.767 597	17	0.232 403	9.935 975	4	647	
		13		17			5		18
354	9.703 585	13	9.767 614	17	0.232 386	9.935 970	4	646	
355	9.703 598	13	9.767 632	18	0.232 368	9.935 966	4	645	1 1.8
356	9.703 611	13	9.767 649	17	0.232 351	9.935 961	5	644	2 3.6
		12		17			4		3 5.4
357	9.703 623	13	9.767 666	18	0.232 334	9.935 957	4	643	4 7.2
358	9.703 636	13	9.767 684	17	0.232 316	9.935 953	4	642	5 9.0
359	9.703 649	13	9.767 701	17	0.232 299	9.935 948	5	641	6 10.8
		13		18			4		7 12.6
.360	9.703 662	13	9.767 719	17	0.232 281	9.935 944	5	.640	8 14.4
		13		17			4	639	9 16.2
361	9.703 675	13	9.767 736	17	0.232 264	9.935 939	4	638	
362	9.703 688	13	9.767 753	17	0.232 247	9.935 935	5	637	
363	9.703 701	13	9.767 771	18	0.232 229	9.935 930	4	636	
		13		17			4		17
364	9.703 714	13	9.767 788	17	0.232 212	9.935 926	4	635	
365	9.703 727	13	9.767 805	17	0.232 195	9.935 922	4	634	
366	9.703 740	13	9.767 823	18	0.232 177	9.935 917	5		
		13		17			4	633	1 1.7
367	9.703 753	13	9.767 840	18	0.232 160	9.935 913	5	632	2 3.4
368	9.703 766	13	9.767 858	17	0.232 142	9.935 908	4	631	3 5.1
369	9.703 779	13	9.767 875	17	0.232 125	9.935 904	5		4 6.8
		13		17			4		5 8.5
.370	9.703 792	13	9.767 892	18	0.232 108	9.935 899	5	.630	6 10.2
		13		17			4	629	7 11.9
371	9.703 805	13	9.767 910	17	0.232 090	9.935 895	5	628	8 13.6
372	9.703 818	13	9.767 927	17	0.232 073	9.935 890	4	627	9 15.3
373	9.703 830	12	9.767 944	17	0.232 056	9.935 886	4		
		13		18			4	626	
374	9.703 843	13	9.767 962	17	0.232 038	9.935 882	5	625	
375	9.703 856	13	9.767 979	18	0.232 021	9.935 877	4	624	
376	9.703 869	13	9.767 997	18	0.232 003	9.935 873	5		
		13		17			4	623	13
377	9.703 882	13	9.768 014	17	0.231 986	9.935 868	4	622	
378	9.703 895	13	9.768 031	17	0.231 969	9.935 864	5	621	
379	9.703 908	13	9.768 049	18	0.231 951	9.935 859	4		1 1.3
		13		17			5		2 2.6
.380	9.703 921	13	9.768 066	17	0.231 934	9.935 855	5	.620	3 3.9
		13		17			4	619	4 5.2
381	9.703 934	13	9.768 083	18	0.231 917	9.935 850	5	618	5 6.5
382	9.703 947	13	9.768 101	17	0.231 899	9.935 846	4	617	6 7.8
383	9.703 960	13	9.768 118	17	0.231 882	9.935 842	5		7 9.1
		13		18			4	616	8 10.4
384	9.703 973	13	9.768 136	17	0.231 864	9.935 837	5	615	9 11.7
385	9.703 986	13	9.768 153	17	0.231 847	9.935 833	4	614	
386	9.703 999	13	9.768 170	17	0.231 830	9.935 828	5		
		12		18			4	613	
387	9.704 011	13	9.768 188	17	0.231 812	9.935 824	5	612	
388	9.704 024	13	9.768 205	17	0.231 795	9.935 819	4	611	
389	9.704 037	13	9.768 222	17	0.231 778	9.935 815	5		12
		13		18			4		
.390	9.704 050	13	9.768 240	17	0.231 760	9.935 810	5	.610	1 1.2
		13		17			4	609	2 2.4
391	9.704 063	13	9.768 257	18	0.231 743	9.935 806	4	608	3 3.6
392	9.704 076	13	9.768 275	17	0.231 725	9.935 802	5	607	4 4.8
393	9.704 089	13	9.768 292	17	0.231 708	9.935 797	4		5 6.0
		13		17			5	606	6 7.2
394	9.704 102	13	9.768 309	18	0.231 691	9.935 793	4	605	7 8.4
395	9.704 115	13	9.768 327	17	0.231 673	9.935 788	5	604	8 9.6
396	9.704 128	13	9.768 344	17	0.231 656	9.935 784	4		9 10.8
		13		17			5	603	
397	9.704 141	13	9.768 361	18	0.231 639	9.935 779	4	602	
398	9.704 154	13	9.768 379	17	0.231 621	9.935 775	5	601	
399	9.704 167	13	9.768 396	17	0.231 604	9.935 770	4		
		12		18			4		
.400	9.704 179	13	9.768 414	17	0.231 586	9.935 766	5	.600	
		13		17			4		
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.650 — 59°.600

30°.400 — 30°.450

30°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.704 179		9.768 414		0.231 586	9.935 766		.600	
401	9.704 192	13	9.768 431	17	0.231 569	9.935 762	4	599	
402	9.704 205	13	9.768 448	17	0.231 552	9.935 757	5	598	
403	9.704 218	13	9.768 466	18	0.231 534	9.935 753	4	597	
		13		17			5		18
404	9.704 231	13	9.768 483	17	0.231 517	9.935 748	4	596	1
405	9.704 244	13	9.768 500	17	0.231 500	9.935 744	5	595	2
406	9.704 257	13	9.768 518	18	0.231 482	9.935 739	4	594	3
		13		17			5		4
407	9.704 270	13	9.768 535	17	0.231 465	9.935 735	4	593	5
408	9.704 283	13	9.768 552	17	0.231 448	9.935 730	5	592	6
409	9.704 296	13	9.768 570	18	0.231 430	9.935 726	4	591	7
		13		17			5		8
.410	9.704 309		9.768 587		0.231 413	9.935 722		.590	9
		13		18			4		16.2
411	9.704 322	12	9.768 605	17	0.231 395	9.935 717	5	589	
412	9.704 334	13	9.768 622	17	0.231 378	9.935 713	4	588	
413	9.704 347	13	9.768 639	17	0.231 361	9.935 708	5	587	
		13		18			4		17
414	9.704 360	13	9.768 657	17	0.231 343	9.935 704	5	586	1
415	9.704 373	13	9.768 674	17	0.231 326	9.935 699	4	585	2
416	9.704 386	13	9.768 691	17	0.231 309	9.935 695	5	584	3
		13		18			4		4
417	9.704 399	13	9.768 709	17	0.231 291	9.935 690	5	583	5
418	9.704 412	13	9.768 726	17	0.231 274	9.935 686	4	582	6
419	9.704 425	13	9.768 743	17	0.231 257	9.935 681	5	581	7
		13		18			4		8
.420	9.704 438		9.768 761		0.231 239	9.935 677		.580	9
		13		17			5		15.3
421	9.704 451	13	9.768 778	17	0.231 222	9.935 673	4	579	
422	9.704 464	13	9.768 795	17	0.231 205	9.935 668	5	578	
423	9.704 477	13	9.768 813	18	0.231 187	9.935 664	4	577	
		12		17			5		
424	9.704 489	13	9.768 830	18	0.231 170	9.935 659	4	576	
425	9.704 502	13	9.768 848	17	0.231 152	9.935 655	5	575	
426	9.704 515	13	9.768 865	17	0.231 135	9.935 650	4	574	
		13		17			5		
427	9.704 528	13	9.768 882	17	0.231 118	9.935 646	4	573	13
428	9.704 541	13	9.768 900	18	0.231 100	9.935 641	5	572	1
429	9.704 554	13	9.768 917	17	0.231 083	9.935 637	4	571	2
		13		17			5		3
.430	9.704 567		9.768 934		0.231 066	9.935 632		.570	4
		13		18			4		5.2
431	9.704 580	13	9.768 952	17	0.231 048	9.935 628	5	569	6.5
432	9.704 593	13	9.768 969	17	0.231 031	9.935 624	4	568	7.8
433	9.704 606	13	9.768 986	17	0.231 014	9.935 619	5	567	9.1
		12		18			4		10.4
434	9.704 618	13	9.769 004	17	0.230 996	9.935 615	5	566	11.7
435	9.704 631	13	9.769 021	17	0.230 979	9.935 610	4	565	
436	9.704 644	13	9.769 038	17	0.230 962	9.935 606	5	564	
		13		18			4		
437	9.704 657	13	9.769 056	17	0.230 944	9.935 601	5	563	
438	9.704 670	13	9.769 073	17	0.230 927	9.935 597	4	562	
439	9.704 683	13	9.769 091	18	0.230 909	9.935 592	5	561	
		13		17			4		12
.440	9.704 696		9.769 108		0.230 892	9.935 588		.560	
		13		17			4		1.2
441	9.704 709	13	9.769 125	18	0.230 875	9.935 584	5	559	2.4
442	9.704 722	13	9.769 143	17	0.230 857	9.935 579	4	558	3.6
443	9.704 735	13	9.769 160	17	0.230 840	9.935 575	5	557	4.8
		12		17			4		6.0
444	9.704 747	13	9.769 177	18	0.230 823	9.935 570	5	556	7.2
445	9.704 760	13	9.769 195	17	0.230 805	9.935 566	4	555	8.4
446	9.704 773	13	9.769 212	17	0.230 788	9.935 561	5	554	9.6
		13		17			4		10.8
447	9.704 786	13	9.769 229	18	0.230 771	9.935 557	5	553	
448	9.704 799	13	9.769 247	17	0.230 753	9.935 552	4	552	
449	9.704 812	13	9.769 264	17	0.230 736	9.935 548	5	551	
		13		17			4		
.450	9.704 825		9.769 281		0.230 719	9.935 543		.550	
		13		17			5		
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.600 — 59°.550

30°.450 — 30°.500

30°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.704 825		9.769 281		0.230 719	9.935 543		.550	
451	9.704 838	13	9.769 299	18	0.230 701	9.935 539	4	549	
452	9.704 851	13	9.769 316	17	0.230 684	9.935 534	5	548	
453	9.704 864	13	9.769 333	17	0.230 667	9.935 530	4	547	
		12		18			4		18
454	9.704 876		9.769 351		0.230 649	9.935 526	4	546	
455	9.704 889	13	9.769 368	17	0.230 632	9.935 521	5	545	1 1.8
456	9.704 902	13	9.769 386	18	0.230 614	9.935 517	4	544	2 3.6
		13		17			5		3 5.4
457	9.704 915		9.769 403		0.230 597	9.935 512	5	543	4 7.2
458	9.704 928	13	9.769 420	17	0.230 580	9.935 508	4	542	5 9.0
459	9.704 941	13	9.769 438	18	0.230 562	9.935 503	5	541	6 10.8
		13		17			4		7 12.6
.460	9.704 954		9.769 455		0.230 545	9.935 499		.540	8 14.4
		13		17			5		9 16.2
461	9.704 967		9.769 472		0.230 528	9.935 494	5	539	
462	9.704 980	13	9.769 490	18	0.230 510	9.935 490	4	538	
463	9.704 992	12	9.769 507	17	0.230 493	9.935 485	5	537	
		13		17			4		
464	9.705 005		9.769 524		0.230 476	9.935 481	4	536	
465	9.705 018	13	9.769 542	18	0.230 458	9.935 477	4	535	
466	9.705 031	13	9.769 559	17	0.230 441	9.935 472	5	534	17
		13		17			4		1 1.7
467	9.705 044		9.769 576		0.230 424	9.935 468	5	533	2 3.4
468	9.705 057	13	9.769 594	18	0.230 406	9.935 463	4	532	3 5.1
469	9.705 070	13	9.769 611	17	0.230 389	9.935 459	4	531	4 6.8
		13		17			5		5 8.5
.470	9.705 083		9.769 628		0.230 372	9.935 454		.530	6 10.2
		12		18			4		7 11.9
471	9.705 095		9.769 646		0.230 354	9.935 450	5	529	8 13.6
472	9.705 108	13	9.769 663	17	0.230 337	9.935 445	5	528	9 15.3
473	9.705 121	13	9.769 680	17	0.230 320	9.935 441	4	527	
		13		18			5		
474	9.705 134		9.769 698		0.230 302	9.935 436	4	526	
475	9.705 147	13	9.769 715	17	0.230 285	9.935 432	4	525	
476	9.705 160	13	9.769 732	17	0.230 268	9.935 427	5	524	
		13		18			4		
477	9.705 173		9.769 750		0.230 250	9.935 423	4	523	13
478	9.705 186	13	9.769 767	17	0.230 233	9.935 419	4	522	
479	9.705 199	13	9.769 784	17	0.230 216	9.935 414	5	521	1 1.3
		12		18			4		2 2.6
.480	9.705 211		9.769 802		0.230 198	9.935 410		.520	3 3.9
		13		17			5		4 5.2
481	9.705 224		9.769 819		0.230 181	9.935 405	5	519	5 6.5
482	9.705 237	13	9.769 836	17	0.230 164	9.935 401	4	518	6 7.8
483	9.705 250	13	9.769 854	18	0.230 146	9.935 396	5	517	7 9.1
		13		17			4		8 10.4
484	9.705 263		9.769 871		0.230 129	9.935 392	5	516	9 11.7
485	9.705 276	13	9.769 888	17	0.230 112	9.935 387	5	515	
486	9.705 289	13	9.769 906	18	0.230 094	9.935 383	4	514	
		13		17			5		
487	9.705 302		9.769 923		0.230 077	9.935 378	4	513	
488	9.705 314	12	9.769 940	17	0.230 060	9.935 374	4	512	
489	9.705 327	13	9.769 958	18	0.230 042	9.935 369	5	511	
		13		17			4		12
.490	9.705 340		9.769 975		0.230 025	9.935 365		.510	1 1.2
		13		17			4		2 2.4
491	9.705 353		9.769 992		0.230 008	9.935 361	4	509	3 3.6
492	9.705 366	13	9.770 010	18	0.229 990	9.935 356	5	508	4 4.8
493	9.705 379	13	9.770 027	17	0.229 973	9.935 352	4	507	5 6.0
		13		17			5		6 7.2
494	9.705 392		9.770 044		0.229 956	9.935 347	5	506	7 8.4
495	9.705 405	13	9.770 062	18	0.229 938	9.935 343	4	505	8 9.6
496	9.705 417	12	9.770 079	17	0.229 921	9.935 338	5	504	9 10.8
		13		17			4		
497	9.705 430		9.770 096		0.229 904	9.935 334	5	503	
498	9.705 443	13	9.770 114	18	0.229 886	9.935 329	4	502	
499	9.705 456	13	9.770 131	17	0.229 869	9.935 325	4	501	
		13		17			5		
.500	9.705 469		9.770 148		0.229 852	9.935 320		.500	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

30°.500 — 30°.550

30°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.705 469		9.770 148		0.229 852	9.935 320		.500	
501	9.705 482	13	9.770 166	18	0.229 834	9.935 316	4	499	
502	9.705 495	13	9.770 183	17	0.229 817	9.935 311	5	498	
503	9.705 507	12	9.770 200	17	0.229 800	9.935 307	4	497	
504	9.705 520	13	9.770 218	18	0.229 782	9.935 303	4	496	18
505	9.705 533	13	9.770 235	17	0.229 765	9.935 298	5	495	1 1.8
506	9.705 546	13	9.770 252	17	0.229 748	9.935 294	4	494	2 3.6
507	9.705 559	13	9.770 270	18	0.229 730	9.935 289	5	493	3 5.4
508	9.705 572	13	9.770 287	17	0.229 713	9.935 285	4	492	4 7.2
509	9.705 585	13	9.770 304	17	0.229 696	9.935 280	5	491	5 9.0
.510	9.705 598	13	9.770 322	18	0.229 678	9.935 276	4	.490	6 10.8
		12		17			5		7 12.6
511	9.705 610	13	9.770 339	17	0.229 661	9.935 271	4	489	8 14.4
512	9.705 623	13	9.770 356	17	0.229 644	9.935 267	5	488	9 16.2
513	9.705 636	13	9.770 374	18	0.229 626	9.935 262	4	487	
514	9.705 649	13	9.770 391	17	0.229 609	9.935 258	5	486	
515	9.705 662	13	9.770 408	17	0.229 592	9.935 253	4	485	17
516	9.705 675	13	9.770 426	18	0.229 574	9.935 249	5	484	
517	9.705 688	13	9.770 443	17	0.229 557	9.935 244	4	483	1 1.7
518	9.705 700	12	9.770 460	17	0.229 540	9.935 240	5	482	2 3.4
519	9.705 713	13	9.770 478	18	0.229 522	9.935 236	4	481	3 5.1
.520	9.705 726	13	9.770 495	17	0.229 505	9.935 231	5	.480	4 6.8
		13		17			4		5 8.5
521	9.705 739	13	9.770 512	17	0.229 488	9.935 227	5	479	6 10.2
522	9.705 752	13	9.770 530	18	0.229 470	9.935 222	4	478	7 11.9
523	9.705 765	13	9.770 547	17	0.229 453	9.935 218	5	477	8 13.6
524	9.705 778	13	9.770 564	17	0.229 436	9.935 213	4	476	9 15.3
525	9.705 790	12	9.770 582	18	0.229 418	9.935 209	5	475	
526	9.705 803	13	9.770 599	17	0.229 401	9.935 204	4	474	
527	9.705 816	13	9.770 616	17	0.229 384	9.935 200	5	473	13
528	9.705 829	13	9.770 634	18	0.229 366	9.935 195	4	472	
529	9.705 842	13	9.770 651	17	0.229 349	9.935 191	5	471	1 1.3
.530	9.705 855	13	9.770 668	17	0.229 332	9.935 186	4	.470	2 2.6
		13		18			5		3 3.9
531	9.705 868	12	9.770 686	17	0.229 314	9.935 182	4	469	4 5.2
532	9.705 880	13	9.770 703	17	0.229 297	9.935 177	5	468	5 6.5
533	9.705 893	13	9.770 720	17	0.229 280	9.935 173	4	467	6 7.8
534	9.705 906	13	9.770 738	18	0.229 262	9.935 168	5	466	7 9.1
535	9.705 919	13	9.770 755	17	0.229 245	9.935 164	4	465	8 10.4
536	9.705 932	13	9.770 772	17	0.229 228	9.935 160	5	464	9 11.7
537	9.705 945	13	9.770 790	18	0.229 210	9.935 155	4	463	
538	9.705 957	12	9.770 807	17	0.229 193	9.935 151	5	462	
539	9.705 970	13	9.770 824	17	0.229 176	9.935 146	4	461	12
.540	9.705 983	13	9.770 842	18	0.229 158	9.935 142	5	.460	
		13		17			4		1 1.2
541	9.705 996	13	9.770 859	17	0.229 141	9.935 137	5	459	2 2.4
542	9.706 009	13	9.770 876	17	0.229 124	9.935 133	4	458	3 3.6
543	9.706 022	13	9.770 893	17	0.229 107	9.935 128	5	457	4 4.8
544	9.706 035	13	9.770 911	18	0.229 089	9.935 124	4	456	5 6.0
545	9.706 047	12	9.770 928	17	0.229 072	9.935 119	5	455	6 7.2
546	9.706 060	13	9.770 945	17	0.229 055	9.935 115	4	454	7 8.4
547	9.706 073	13	9.770 963	18	0.229 037	9.935 110	5	453	8 9.6
548	9.706 086	13	9.770 980	17	0.229 020	9.935 106	4	452	9 10.8
549	9.706 099	13	9.770 997	17	0.229 003	9.935 101	5	451	
.550	9.706 112	13	9.771 015	18	0.228 985	9.935 097	4	.450	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.500 — 59°.450

30°.550 — 30°.600

30°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.706 112		9.771 015		0.228 985	9.935 097		.450	
551	9.706 124	12	9.771 032	17	0.228 968	9.935 092	5	449	
552	9.706 137	13	9.771 049	17	0.228 951	9.935 088	4	448	
553	9.706 150	13	9.771 067	18	0.228 933	9.935 083	5	447	
		13		17			4		18
554	9.706 163	13	9.771 084	17	0.228 916	9.935 079	4	446	
555	9.706 176	13	9.771 101	17	0.228 899	9.935 075	4	445	1 1.8
556	9.706 189	13	9.771 119	18	0.228 881	9.935 070	5	444	2 3.6
		13		17			4		3 5.4
557	9.706 202	13	9.771 136	17	0.228 864	9.935 066	4	443	4 7.2
558	9.706 214	12	9.771 153	17	0.228 847	9.935 061	5	442	5 9.0
559	9.706 227	13	9.771 171	18	0.228 829	9.935 057	4	441	6 10.8
		13		17			5		7 12.6
.560	9.706 240	13	9.771 188	17	0.228 812	9.935 052	4	.440	8 14.4
		13		17			5		9 16.2
561	9.706 253	13	9.771 205	17	0.228 795	9.935 048	4	439	
562	9.706 266	13	9.771 222	17	0.228 778	9.935 043	5	438	
563	9.706 279	13	9.771 240	18	0.228 760	9.935 039	4	437	
		12		17			5		17
564	9.706 291	13	9.771 257	17	0.228 743	9.935 034	4	436	
565	9.706 304	13	9.771 274	17	0.228 726	9.935 030	5	435	
566	9.706 317	13	9.771 292	18	0.228 708	9.935 025	4	434	
		13		17			5		
567	9.706 330	13	9.771 309	17	0.228 691	9.935 021	4	433	1 1.7
568	9.706 343	13	9.771 326	17	0.228 674	9.935 016	5	432	2 3.4
569	9.706 356	13	9.771 344	18	0.228 656	9.935 012	4	431	3 5.1
		12		17			5		4 6.8
.570	9.706 368	13	9.771 361	17	0.228 639	9.935 007	4	.430	5 8.5
		13		17			5		6 10.2
571	9.706 381	13	9.771 378	18	0.228 622	9.935 003	4	429	7 11.9
572	9.706 394	13	9.771 396	17	0.228 604	9.934 998	5	428	8 13.6
573	9.706 407	13	9.771 413	17	0.228 587	9.934 994	4	427	9 15.3
		13		17			5		
574	9.706 420	13	9.771 430	18	0.228 570	9.934 989	4	426	
575	9.706 433	13	9.771 448	17	0.228 552	9.934 985	5	425	
576	9.706 445	12	9.771 465	17	0.228 535	9.934 981	4	424	
		13		17			5		
577	9.706 458	13	9.771 482	17	0.228 518	9.934 976	4	423	13
578	9.706 471	13	9.771 499	17	0.228 501	9.934 972	5	422	
579	9.706 484	13	9.771 517	18	0.228 483	9.934 967	4	421	
		13		17			5		
.580	9.706 497	13	9.771 534	17	0.228 466	9.934 963	4	.420	1 1.3
		13		17			5		2 2.6
581	9.706 510	12	9.771 551	18	0.228 449	9.934 958	4	419	3 3.9
582	9.706 522	13	9.771 569	17	0.228 431	9.934 954	5	418	4 5.2
583	9.706 535	13	9.771 586	17	0.228 414	9.934 949	4	417	5 6.5
		13		17			5		6 7.8
584	9.706 548	13	9.771 603	18	0.228 397	9.934 945	4	416	7 9.1
585	9.706 561	13	9.771 621	17	0.228 379	9.934 940	5	415	8 10.4
586	9.706 574	13	9.771 638	17	0.228 362	9.934 936	4	414	9 11.7
		12		17			5		
587	9.706 586	13	9.771 655	17	0.228 345	9.934 931	4	413	
588	9.706 599	13	9.771 672	18	0.228 328	9.934 927	5	412	
589	9.706 612	13	9.771 690	17	0.228 310	9.934 922	4	411	
		13		17			5		12
.590	9.706 625	13	9.771 707	17	0.228 293	9.934 918	4	.410	1 1.2
		13		17			5		2 2.4
591	9.706 638	13	9.771 724	18	0.228 276	9.934 913	4	409	3 3.6
592	9.706 651	12	9.771 742	17	0.228 258	9.934 909	5	408	4 4.8
593	9.706 663	13	9.771 759	17	0.228 241	9.934 904	4	407	5 6.0
		13		17			5		6 7.2
594	9.706 676	13	9.771 776	18	0.228 224	9.934 900	4	406	7 8.4
595	9.706 689	13	9.771 794	17	0.228 206	9.934 895	5	405	8 9.6
596	9.706 702	13	9.771 811	17	0.228 189	9.934 891	4	404	9 10.8
		13		17			5		
597	9.706 715	12	9.771 828	18	0.228 172	9.934 886	4	403	
598	9.706 727	13	9.771 846	17	0.228 154	9.934 882	5	402	
599	9.706 740	13	9.771 863	17	0.228 137	9.934 877	4	401	
		13		17			5		
.600	9.706 753	13	9.771 880	17	0.228 120	9.934 873	4	.400	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

30°.600 — 30°.650

30°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.706 753		9.771 880		0.228 120	9.934 873		.400	
601	9.706 766	13	9.771 897	17	0.228 103	9.934 869	4	399	
602	9.706 779	13	9.771 915	18	0.228 085	9.934 864	5	398	
603	9.706 792	13	9.771 932	17	0.228 068	9.934 860	4	397	
604	9.706 804	12	9.771 949	17	0.228 051	9.934 855	5	396	18
605	9.706 817	13	9.771 967	18	0.228 033	9.934 851	4	395	1 1.8
606	9.706 830	13	9.771 984	17	0.228 016	9.934 846	5	394	2 3.6
607	9.706 843	13	9.772 001	17	0.227 999	9.934 842	4	393	3 5.4
608	9.706 856	13	9.772 018	17	0.227 982	9.934 837	5	392	4 7.2
609	9.706 868	12	9.772 036	18	0.227 964	9.934 833	4	391	5 9.0
.610	9.706 881	13	9.772 053	17	0.227 947	9.934 828	5	.390	6 10.8
611	9.706 894	13	9.772 070	17	0.227 930	9.934 824	4	389	7 12.6
612	9.706 907	13	9.772 088	18	0.227 912	9.934 819	5	388	8 14.4
613	9.706 920	13	9.772 105	17	0.227 895	9.934 815	4	387	9 16.2
614	9.706 933	13	9.772 122	17	0.227 878	9.934 810	5	386	
615	9.706 945	12	9.772 140	18	0.227 860	9.934 806	4	385	17
616	9.706 958	13	9.772 157	17	0.227 843	9.934 801	5	384	
617	9.706 971	13	9.772 174	17	0.227 826	9.934 797	4	383	1 1.7
618	9.706 984	13	9.772 191	17	0.227 809	9.934 792	5	382	2 3.4
619	9.706 997	13	9.772 209	18	0.227 791	9.934 788	4	381	3 5.1
.620	9.707 009	12	9.772 226	17	0.227 774	9.934 783	5	.380	4 6.8
621	9.707 022	13	9.772 243	17	0.227 757	9.934 779	4	379	5 8.5
622	9.707 035	13	9.772 261	18	0.227 739	9.934 774	5	378	6 10.2
623	9.707 048	13	9.772 278	17	0.227 722	9.934 770	4	377	7 11.9
624	9.707 061	13	9.772 295	17	0.227 705	9.934 765	5	376	8 13.6
625	9.707 073	12	9.772 312	17	0.227 688	9.934 761	4	375	9 15.3
626	9.707 086	13	9.772 330	18	0.227 670	9.934 756	5	374	
627	9.707 099	13	9.772 347	17	0.227 653	9.934 752	4	373	13
628	9.707 112	13	9.772 364	17	0.227 636	9.934 747	5	372	
629	9.707 125	13	9.772 382	18	0.227 618	9.934 743	4	371	1 1.3
.630	9.707 137	12	9.772 399	17	0.227 601	9.934 738	5	.370	2 2.6
631	9.707 150	13	9.772 416	17	0.227 584	9.934 734	4	369	3 3.9
632	9.707 163	13	9.772 434	18	0.227 566	9.934 729	5	368	4 5.2
633	9.707 176	13	9.772 451	17	0.227 549	9.934 725	4	367	5 6.5
634	9.707 189	13	9.772 468	17	0.227 532	9.934 720	5	366	6 7.8
635	9.707 201	12	9.772 485	17	0.227 515	9.934 716	4	365	7 9.1
636	9.707 214	13	9.772 503	18	0.227 497	9.934 712	5	364	8 10.4
637	9.707 227	13	9.772 520	17	0.227 480	9.934 707	4	363	9 11.7
638	9.707 240	13	9.772 537	17	0.227 463	9.934 703	5	362	
639	9.707 253	13	9.772 555	18	0.227 445	9.934 698	4	361	12
.640	9.707 265	12	9.772 572	17	0.227 428	9.934 694	5	.360	
641	9.707 278	13	9.772 589	17	0.227 411	9.934 689	4	359	1 1.2
642	9.707 291	13	9.772 606	17	0.227 394	9.934 685	5	358	2 2.4
643	9.707 304	13	9.772 624	18	0.227 376	9.934 680	4	357	3 3.6
644	9.707 317	13	9.772 641	17	0.227 359	9.934 676	5	356	4 4.8
645	9.707 329	12	9.772 658	17	0.227 342	9.934 671	4	355	5 6.0
646	9.707 342	13	9.772 676	18	0.227 324	9.934 667	5	354	6 7.2
647	9.707 355	13	9.772 693	17	0.227 307	9.934 662	4	353	7 8.4
648	9.707 368	13	9.772 710	17	0.227 290	9.934 658	5	352	8 9.6
649	9.707 381	13	9.772 727	17	0.227 273	9.934 653	4	351	9 10.8
.650	9.707 393	12	9.772 745	18	0.227 255	9.934 649	5	.350	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.400 — 59°.350

30°.650 — 30°.700

30°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.707 393		9.772 745		0.227 255	9.934 649		.350	
651	9.707 406	13	9.772 762	17	0.227 238	9.934 644	5	349	
652	9.707 419	13	9.772 779	17	0.227 221	9.934 640	4	348	
653	9.707 432	13	9.772 797	18	0.227 203	9.934 635	5	347	
		12		17			4		18
654	9.707 444		9.772 814		0.227 186	9.934 631		346	
655	9.707 457	13	9.772 831	17	0.227 169	9.934 626	5	345	1 1.8
656	9.707 470	13	9.772 848	17	0.227 152	9.934 622	4	344	2 3.6
		13		18			5		3 5.4
657	9.707 483		9.772 866		0.227 134	9.934 617		343	4 7.2
658	9.707 496	13	9.772 883	17	0.227 117	9.934 613	4	342	5 9.0
659	9.707 508	12	9.772 900	17	0.227 100	9.934 608	5	341	6 10.8
		13		17			4		7 12.6
.660	9.707 521		9.772 917		0.227 083	9.934 604		.340	8 14.4
		13		18			5		9 16.2
661	9.707 534		9.772 935		0.227 065	9.934 599		339	
662	9.707 547	13	9.772 952	17	0.227 048	9.934 595	4	338	
663	9.707 560	13	9.772 969	17	0.227 031	9.934 590	5	337	
		12		18			4		
664	9.707 572		9.772 987		0.227 013	9.934 586		336	
665	9.707 585	13	9.773 004	17	0.226 996	9.934 581	5	335	
666	9.707 598	13	9.773 021	17	0.226 979	9.934 577	4	334	17
		13		17			5		1 1.7
667	9.707 611		9.773 038		0.226 962	9.934 572		333	2 3.4
668	9.707 623	12	9.773 056	18	0.226 944	9.934 568	4	332	3 5.1
669	9.707 636	13	9.773 073	17	0.226 927	9.934 563	5	331	4 6.8
		13		17			4		5 8.5
.670	9.707 649		9.773 090		0.226 910	9.934 559		.330	6 10.2
		13		18			5		7 11.9
671	9.707 662		9.773 108		0.226 892	9.934 554		329	8 13.6
672	9.707 675	13	9.773 125	17	0.226 875	9.934 550	4	328	9 15.3
673	9.707 687	12	9.773 142	17	0.226 858	9.934 545	5	327	
		13		17			4		
674	9.707 700		9.773 159		0.226 841	9.934 541		326	
675	9.707 713	13	9.773 177	18	0.226 823	9.934 536	5	325	
676	9.707 726	13	9.773 194	17	0.226 806	9.934 532	4	324	
		13		17			5		
677	9.707 739		9.773 211		0.226 789	9.934 527		323	13
678	9.707 751	12	9.773 228	17	0.226 772	9.934 523	4	322	
679	9.707 764	13	9.773 246	18	0.226 754	9.934 518	5	321	1 1.3
		13		17			4		2 2.6
.680	9.707 777		9.773 263		0.226 737	9.934 514		.320	3 3.9
		13		17			5		4 5.2
681	9.707 790		9.773 280		0.226 720	9.934 509		319	5 6.5
682	9.707 802	12	9.773 298	18	0.226 702	9.934 505	4	318	6 7.8
683	9.707 815	13	9.773 315	17	0.226 685	9.934 500	5	317	7 9.1
		13		17			4		8 10.4
684	9.707 828		9.773 332		0.226 668	9.934 496		316	9 11.7
685	9.707 841	13	9.773 349	17	0.226 651	9.934 491	5	315	
686	9.707 853	12	9.773 367	18	0.226 633	9.934 487	4	314	
		13		17			5		
687	9.707 866		9.773 384		0.226 616	9.934 482		313	
688	9.707 879	13	9.773 401	17	0.226 599	9.934 478	4	312	
689	9.707 892	13	9.773 418	17	0.226 582	9.934 473	5	311	
		13		18			4		12
.690	9.707 905		9.773 436		0.226 564	9.934 469		.310	1 1.2
		12		17			5		2 2.4
691	9.707 917		9.773 453		0.226 547	9.934 464		309	3 3.6
692	9.707 930	13	9.773 470	17	0.226 530	9.934 460	4	308	4 4.8
693	9.707 943	13	9.773 488	18	0.226 512	9.934 455	5	307	5 6.0
		13		17			4		6 7.2
694	9.707 956		9.773 505		0.226 495	9.934 451		306	7 8.4
695	9.707 968	12	9.773 522	17	0.226 478	9.934 446	5	305	8 9.6
696	9.707 981	13	9.773 539	17	0.226 461	9.934 442	4	304	9 10.8
		13		18			5		
697	9.707 994		9.773 557		0.226 443	9.934 437		303	
698	9.708 007	13	9.773 574	17	0.226 426	9.934 433	4	302	
699	9.708 019	12	9.773 591	17	0.226 409	9.934 428	5	301	
		13		17			4		
.700	9.708 032		9.773 608		0.226 392	9.934 424		.300	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.350 — 59°.300

30°.700 — 30°.750

30°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.708 032		9.773 608		0.226 392	9.934 424		.300	
701	9.708 045	13	9.773 626	18	0.226 374	9.934 419	5	299	
702	9.708 058	13	9.773 643	17	0.226 357	9.934 415	4	298	
703	9.708 071	13	9.773 660	17	0.226 340	9.934 410	5	297	
704	9.708 083	12	9.773 677	17	0.226 323	9.934 406	4	296	18
705	9.708 096	13	9.773 695	18	0.226 305	9.934 401	5	295	1 1.8
706	9.708 109	13	9.773 712	17	0.226 288	9.934 397	4	294	2 3.6
707	9.708 122	13	9.773 729	17	0.226 271	9.934 392	5	293	3 5.4
708	9.708 134	12	9.773 747	18	0.226 253	9.934 388	4	292	4 7.2
709	9.708 147	13	9.773 764	17	0.226 236	9.934 383	5	291	5 9.0
.710	9.708 160	13	9.773 781	17	0.226 219	9.934 379	4	.290	6 10.8
711	9.708 173	13	9.773 798	17	0.226 202	9.934 374	5	289	7 12.6
712	9.708 185	12	9.773 816	18	0.226 184	9.934 370	4	288	8 14.4
713	9.708 198	13	9.773 833	17	0.226 167	9.934 365	5	287	9 16.2
714	9.708 211	13	9.773 850	17	0.226 150	9.934 361	4	286	
715	9.708 224	13	9.773 867	17	0.226 133	9.934 356	5	285	17
716	9.708 236	12	9.773 885	18	0.226 115	9.934 352	4	284	
717	9.708 249	13	9.773 902	17	0.226 098	9.934 347	5	283	1 1.7
718	9.708 262	13	9.773 919	17	0.226 081	9.934 343	4	282	2 3.4
719	9.708 275	13	9.773 936	17	0.226 064	9.934 338	5	281	3 5.1
.720	9.708 287	12	9.773 954	18	0.226 046	9.934 334	4	.280	4 6.8
721	9.708 300	13	9.773 971	17	0.226 029	9.934 329	5	279	5 8.5
722	9.708 313	13	9.773 988	17	0.226 012	9.934 325	4	278	6 10.2
723	9.708 326	13	9.774 005	17	0.225 995	9.934 320	5	277	7 11.9
724	9.708 338	12	9.774 023	18	0.225 977	9.934 316	4	276	8 13.6
725	9.708 351	13	9.774 040	17	0.225 960	9.934 311	5	275	9 15.3
726	9.708 364	13	9.774 057	17	0.225 943	9.934 307	4	274	
727	9.708 377	13	9.774 074	17	0.225 926	9.934 302	5	273	13
728	9.708 390	13	9.774 092	18	0.225 908	9.934 298	4	272	
729	9.708 402	12	9.774 109	17	0.225 891	9.934 293	5	271	1 1.3
.730	9.708 415	13	9.774 126	17	0.225 874	9.934 289	4	.270	2 2.6
731	9.708 428	13	9.774 144	18	0.225 856	9.934 284	5	269	3 3.9
732	9.708 441	13	9.774 161	17	0.225 839	9.934 280	4	268	4 5.2
733	9.708 453	12	9.774 178	17	0.225 822	9.934 275	5	267	5 6.5
734	9.708 466	13	9.774 195	17	0.225 805	9.934 271	4	266	6 7.8
735	9.708 479	13	9.774 213	18	0.225 787	9.934 266	5	265	7 9.1
736	9.708 492	13	9.774 230	17	0.225 770	9.934 262	4	264	8 10.4
737	9.708 504	12	9.774 247	17	0.225 753	9.934 257	5	263	9 11.7
738	9.708 517	13	9.774 264	17	0.225 736	9.934 253	4	262	
739	9.708 530	13	9.774 282	18	0.225 718	9.934 248	5	261	
.740	9.708 542	12	9.774 299	17	0.225 701	9.934 244	4	.260	12
741	9.708 555	13	9.774 316	17	0.225 684	9.934 239	5	259	1 1.2
742	9.708 568	13	9.774 333	17	0.225 667	9.934 235	4	258	2 2.4
743	9.708 581	13	9.774 351	18	0.225 649	9.934 230	5	257	3 3.6
744	9.708 593	12	9.774 368	17	0.225 632	9.934 226	4	256	4 4.8
745	9.708 606	13	9.774 385	17	0.225 615	9.934 221	5	255	5 6.0
746	9.708 619	13	9.774 402	17	0.225 598	9.934 217	4	254	6 7.2
747	9.708 632	13	9.774 420	18	0.225 580	9.934 212	5	253	7 8.4
748	9.708 644	12	9.774 437	17	0.225 563	9.934 208	4	252	8 9.6
749	9.708 657	13	9.774 454	17	0.225 546	9.934 203	5	251	9 10.8
.750	9.708 670	13	9.774 471	17	0.225 529	9.934 199	4	.250	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.300 — 59°.250

30°.750 — 30°.800

30°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.708 670		9.774 471		0.225 529	9.934 199		.250	
751	9.708 683	13	9.774 489	18	0.225 511	9.934 194	5	249	
752	9.708 695	12	9.774 506	17	0.225 494	9.934 190	4	248	
753	9.708 708	13	9.774 523	17	0.225 477	9.934 185	5	247	
		13		17			4		18
754	9.708 721	13	9.774 540	17	0.225 460	9.934 181	4	246	
755	9.708 734	13	9.774 558	18	0.225 442	9.934 176	5	245	1 1.8
756	9.708 746	12	9.774 575	17	0.225 425	9.934 172	4	244	2 3.6
		13		17			5		3 5.4
757	9.708 759	13	9.774 592	17	0.225 408	9.934 167	5	243	4 7.2
758	9.708 772	13	9.774 609	17	0.225 391	9.934 163	4	242	5 9.0
759	9.708 785	13	9.774 627	18	0.225 373	9.934 158	5	241	6 10.8
		12		17			5		7 12.6
.760	9.708 797		9.774 644		0.225 356	9.934 153		.240	8 14.4
		13		17			4		9 16.2
761	9.708 810	13	9.774 661	17	0.225 339	9.934 149	5	239	
762	9.708 823	13	9.774 678	17	0.225 322	9.934 144	5	238	
763	9.708 836	13	9.774 696	18	0.225 304	9.934 140	4	237	
		12		17			5		
764	9.708 848	13	9.774 713	17	0.225 287	9.934 135	4	236	
765	9.708 861	13	9.774 730	17	0.225 270	9.934 131	4	235	
766	9.708 874	13	9.774 747	17	0.225 253	9.934 126	5	234	17
		12		18			4		1 1.7
767	9.708 886	13	9.774 765	17	0.225 235	9.934 122	5	233	2 3.4
768	9.708 899	13	9.774 782	17	0.225 218	9.934 117	4	232	3 5.1
769	9.708 912	13	9.774 799	17	0.225 201	9.934 113	4	231	4 6.8
		13		17			5		5 8.5
.770	9.708 925		9.774 816		0.225 184	9.934 108		.230	6 10.2
		12		18			4		7 11.9
771	9.708 937	13	9.774 834	17	0.225 166	9.934 104	5	229	8 13.6
772	9.708 950	13	9.774 851	17	0.225 149	9.934 099	4	228	9 15.3
773	9.708 963	13	9.774 868	17	0.225 132	9.934 095	5	227	
		13		17			4		
774	9.708 976	12	9.774 885	17	0.225 115	9.934 090	5	226	
775	9.708 988	13	9.774 902	17	0.225 098	9.934 086	4	225	
776	9.709 001	13	9.774 920	18	0.225 080	9.934 081	5	224	
		13		17			4		
777	9.709 014	12	9.774 937	17	0.225 063	9.934 077	5	223	13
778	9.709 026	13	9.774 954	17	0.225 046	9.934 072	4	222	1 1.3
779	9.709 039	13	9.774 971	17	0.225 029	9.934 068	5	221	2 2.6
		13		18			5		3 3.9
.780	9.709 052		9.774 989		0.225 011	9.934 063		.220	4 5.2
		13		17			4		5 6.5
781	9.709 065	12	9.775 006	17	0.224 994	9.934 059	5	219	6 7.8
782	9.709 077	13	9.775 023	17	0.224 977	9.934 054	4	218	7 9.1
783	9.709 090	13	9.775 040	18	0.224 960	9.934 050	5	217	8 10.4
		13		17			4		9 11.7
784	9.709 103	13	9.775 058	17	0.224 942	9.934 045	5	216	
785	9.709 116	12	9.775 075	17	0.224 925	9.934 041	4	215	
786	9.709 128	13	9.775 092	17	0.224 908	9.934 036	5	214	
		13		17			4		
787	9.709 141	13	9.775 109	18	0.224 891	9.934 032	5	213	
788	9.709 154	12	9.775 127	17	0.224 873	9.934 027	4	212	
789	9.709 166	13	9.775 144	17	0.224 856	9.934 023	5	211	
		13		17			5		12
.790	9.709 179		9.775 161		0.224 839	9.934 018		.210	1 1.2
		13		17			4		2 2.4
791	9.709 192	13	9.775 178	18	0.224 822	9.934 014	5	209	3 3.6
792	9.709 205	12	9.775 196	17	0.224 804	9.934 009	4	208	4 4.8
793	9.709 217	13	9.775 213	17	0.224 787	9.934 005	5	207	5 6.0
		13		17			4		6 7.2
794	9.709 230	13	9.775 230	17	0.224 770	9.934 000	5	206	7 8.4
795	9.709 243	12	9.775 247	17	0.224 753	9.933 995	4	205	8 9.6
796	9.709 255	13	9.775 264	17	0.224 736	9.933 991	5	204	9 10.8
		13		18			4		
797	9.709 268	13	9.775 282	17	0.224 718	9.933 986	5	203	
798	9.709 281	13	9.775 299	17	0.224 701	9.933 982	4	202	
799	9.709 294	13	9.775 316	17	0.224 684	9.933 977	5	201	
		12		17			4		
.800	9.709 306		9.775 333		0.224 667	9.933 973		.200	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.250 — 59°.200

30°.800 — 30°.850

30°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.709 306		9.775 333		0.224 667	9.933 973		.200	
801	9.709 319	13	9.775 351	18	0.224 649	9.933 968	5	199	
802	9.709 332	13	9.775 368	17	0.224 632	9.933 964	4	198	
803	9.709 344	12	9.775 385	17	0.224 615	9.933 959	5	197	
804	9.709 357	13	9.775 402	17	0.224 598	9.933 955	4	196	18
805	9.709 370	13	9.775 420	18	0.224 580	9.933 950	5	195	1 1.8
806	9.709 383	13	9.775 437	17	0.224 563	9.933 946	4	194	2 3.6
807	9.709 395	12	9.775 454	17	0.224 546	9.933 941	5	193	3 5.4
808	9.709 408	13	9.775 471	17	0.224 529	9.933 937	4	192	4 7.2
809	9.709 421	13	9.775 489	18	0.224 511	9.933 932	5	191	5 9.0
.810	9.709 433	12	9.775 506	17	0.224 494	9.933 928	4	.190	6 10.8
811	9.709 446	13	9.775 523	17	0.224 477	9.933 923	5	189	7 12.6
812	9.709 459	13	9.775 540	17	0.224 460	9.933 919	4	188	8 14.4
813	9.709 472	13	9.775 557	17	0.224 443	9.933 914	5	187	9 16.2
814	9.709 484	12	9.775 575	18	0.224 425	9.933 910	4	186	
815	9.709 497	13	9.775 592	17	0.224 408	9.933 905	5	185	17
816	9.709 510	13	9.775 609	17	0.224 391	9.933 901	4	184	1 1.7
817	9.709 522	12	9.775 626	17	0.224 374	9.933 896	5	183	2 3.4
818	9.709 535	13	9.775 644	18	0.224 356	9.933 892	4	182	3 5.1
819	9.709 548	13	9.775 661	17	0.224 339	9.933 887	5	181	4 6.8
.820	9.709 561	13	9.775 678	17	0.224 322	9.933 882	5	.180	5 8.5
821	9.709 573	12	9.775 695	17	0.224 305	9.933 878	4	179	6 10.2
822	9.709 586	13	9.775 712	17	0.224 288	9.933 873	5	178	7 11.9
823	9.709 599	13	9.775 730	18	0.224 270	9.933 869	4	177	8 13.6
824	9.709 611	12	9.775 747	17	0.224 253	9.933 864	5	176	9 15.3
825	9.709 624	13	9.775 764	17	0.224 236	9.933 860	4	175	
826	9.709 637	13	9.775 781	17	0.224 219	9.933 855	5	174	
827	9.709 649	12	9.775 799	18	0.224 201	9.933 851	4	173	13
828	9.709 662	13	9.775 816	17	0.224 184	9.933 846	5	172	1 1.3
829	9.709 675	13	9.775 833	17	0.224 167	9.933 842	4	171	2 2.6
.830	9.709 688	13	9.775 850	17	0.224 150	9.933 837	5	.170	3 3.9
831	9.709 700	12	9.775 868	18	0.224 132	9.933 833	4	169	4 5.2
832	9.709 713	13	9.775 885	17	0.224 115	9.933 828	5	168	5 6.5
833	9.709 726	13	9.775 902	17	0.224 098	9.933 824	4	167	6 7.8
834	9.709 738	12	9.775 919	17	0.224 081	9.933 819	5	166	7 9.1
835	9.709 751	13	9.775 936	17	0.224 064	9.933 815	4	165	8 10.4
836	9.709 764	13	9.775 954	18	0.224 046	9.933 810	5	164	9 11.7
837	9.709 776	12	9.775 971	17	0.224 029	9.933 806	4	163	
838	9.709 789	13	9.775 988	17	0.224 012	9.933 801	5	162	
839	9.709 802	13	9.776 005	17	0.223 995	9.933 797	4	161	12
.840	9.709 815	13	9.776 023	18	0.223 977	9.933 792	5	.160	1 1.2
841	9.709 827	12	9.776 040	17	0.223 960	9.933 787	5	159	2 2.4
842	9.709 840	13	9.776 057	17	0.223 943	9.933 783	4	158	3 3.6
843	9.709 853	13	9.776 074	17	0.223 926	9.933 778	5	157	4 4.8
844	9.709 865	12	9.776 091	17	0.223 909	9.933 774	4	156	5 6.0
845	9.709 878	13	9.776 109	18	0.223 891	9.933 769	5	155	6 7.2
846	9.709 891	13	9.776 126	17	0.223 874	9.933 765	4	154	7 8.4
847	9.709 903	12	9.776 143	17	0.223 857	9.933 760	5	153	8 9.6
848	9.709 916	13	9.776 160	17	0.223 840	9.933 756	4	152	9 10.8
849	9.709 929	13	9.776 177	17	0.223 823	9.933 751	5	151	
.850	9.709 941	12	9.776 195	18	0.223 805	9.933 747	4	.150	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.200 — 59°.150

30°.850 — 30°.900

30°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.709 941		9.776 195		0.223 805	9.933 747		.150	
851	9.709 954	13	9.776 212	17	0.223 788	9.933 742	5	149	
852	9.709 967	13	9.776 229	17	0.223 771	9.933 738	4	148	
853	9.709 980	13	9.776 246	17	0.223 754	9.933 733	5	147	
		12		18			4		18
854	9.709 992	12	9.776 264	18	0.223 736	9.933 729	4	146	
855	9.710 005	13	9.776 281	17	0.223 719	9.933 724	5	145	1 1.8
856	9.710 018	13	9.776 298	17	0.223 702	9.933 720	4	144	2 3.6
		12		17			5		3 5.4
857	9.710 030	12	9.776 315	17	0.223 685	9.933 715	5	143	4 7.2
858	9.710 043	13	9.776 332	17	0.223 668	9.933 711	4	142	5 9.0
859	9.710 056	13	9.776 350	18	0.223 650	9.933 706	5	141	6 10.8
		12		17			5		7 12.6
.860	9.710 068		9.776 367		0.223 633	9.933 701		.140	8 14.4
		13		17			4		9 16.2
861	9.710 081	13	9.776 384	17	0.223 616	9.933 697	5	139	
862	9.710 094	13	9.776 401	17	0.223 599	9.933 692	5	138	
863	9.710 106	12	9.776 419	18	0.223 581	9.933 688	4	137	
		13		17			5		
864	9.710 119	13	9.776 436	17	0.223 564	9.933 683	5	136	
865	9.710 132	13	9.776 453	17	0.223 547	9.933 679	4	135	
866	9.710 144	12	9.776 470	17	0.223 530	9.933 674	5	134	17
		13		17			4		
867	9.710 157	13	9.776 487	17	0.223 513	9.933 670	4	133	1 1.7
868	9.710 170	13	9.776 505	18	0.223 495	9.933 665	5	132	2 3.4
869	9.710 182	12	9.776 522	17	0.223 478	9.933 661	4	131	3 5.1
		13		17			5		4 6.8
.870	9.710 195		9.776 539		0.223 461	9.933 656		.130	5 8.5
		13		17			4		6 10.2
871	9.710 208	13	9.776 556	17	0.223 444	9.933 652	5	129	7 11.9
872	9.710 221	13	9.776 573	17	0.223 427	9.933 647	5	128	8 13.6
873	9.710 233	12	9.776 591	18	0.223 409	9.933 643	4	127	9 15.3
		13		17			5		
874	9.710 246	13	9.776 608	17	0.223 392	9.933 638	5	126	
875	9.710 259	13	9.776 625	17	0.223 375	9.933 633	5	125	
876	9.710 271	12	9.776 642	17	0.223 358	9.933 629	4	124	
		13		17			5		
877	9.710 284	13	9.776 659	17	0.223 341	9.933 624	5	123	
878	9.710 297	13	9.776 677	18	0.223 323	9.933 620	4	122	13
879	9.710 309	12	9.776 694	17	0.223 306	9.933 615	5	121	
		13		17			4		1 1.3
.880	9.710 322		9.776 711		0.223 289	9.933 611		.120	2 2.6
		13		17			5		3 3.9
881	9.710 335	13	9.776 728	17	0.223 272	9.933 606	5	119	4 5.2
882	9.710 347	12	9.776 746	18	0.223 254	9.933 602	4	118	5 6.5
883	9.710 360	13	9.776 763	17	0.223 237	9.933 597	5	117	6 7.8
		13		17			5		7 9.1
884	9.710 373	13	9.776 780	17	0.223 220	9.933 593	4	116	8 10.4
885	9.710 385	12	9.776 797	17	0.223 203	9.933 588	5	115	9 11.7
886	9.710 398	13	9.776 814	17	0.223 186	9.933 584	4	114	
		13		18			5		
887	9.710 411	13	9.776 832	17	0.223 168	9.933 579	5	113	
888	9.710 423	12	9.776 849	17	0.223 151	9.933 575	4	112	
889	9.710 436	13	9.776 866	17	0.223 134	9.933 570	5	111	
		13		17			5		12
.890	9.710 449		9.776 883		0.223 117	9.933 565		.110	
		12		17			4		1 1.2
891	9.710 461	12	9.776 900	17	0.223 100	9.933 561	5	109	2 2.4
892	9.710 474	13	9.776 918	18	0.223 082	9.933 556	5	108	3 3.6
893	9.710 487	13	9.776 935	17	0.223 065	9.933 552	4	107	4 4.8
		12		17			5		5 6.0
894	9.710 499	12	9.776 952	17	0.223 048	9.933 547	5	106	6 7.2
895	9.710 512	13	9.776 969	17	0.223 031	9.933 543	4	105	7 8.4
896	9.710 525	13	9.776 986	17	0.223 014	9.933 538	5	104	8 9.6
		12		18			5		9 10.8
897	9.710 537	12	9.777 004	18	0.222 996	9.933 534	4	103	
898	9.710 550	13	9.777 021	17	0.222 979	9.933 529	5	102	
899	9.710 563	13	9.777 038	17	0.222 962	9.933 525	4	101	
		12		17			5		
.900	9.710 575		9.777 055		0.222 945	9.933 520		.100	
		12		17			5		
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.150 — 59°.100

30°.900 — 30°.950

30°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.710 575		9.777 055		0.222 945	9.933 520		.100	
901	9.710 588	13	9.777 072	17	0.222 928	9.933 516	4	099	
902	9.710 601	13	9.777 090	18	0.222 910	9.933 511	5	098	
903	9.710 613	12	9.777 107	17	0.222 893	9.933 507	4	097	
904	9.710 626	13	9.777 124	17	0.222 876	9.933 502	5	096	18
905	9.710 639	13	9.777 141	17	0.222 859	9.933 497	5	095	1 1.8
906	9.710 651	12	9.777 158	17	0.222 842	9.933 493	4	094	2 3.6
907	9.710 664	13	9.777 176	18	0.222 824	9.933 488	5	093	3 5.4
908	9.710 677	13	9.777 193	17	0.222 807	9.933 484	4	092	4 7.2
909	9.710 689	12	9.777 210	17	0.222 790	9.933 479	5	091	5 9.0
.910	9.710 702	13	9.777 227	17	0.222 773	9.933 475	4	.090	6 10.8
		13		17			5	089	7 12.6
911	9.710 715	12	9.777 244	18	0.222 756	9.933 470	4	088	8 14.4
912	9.710 727	13	9.777 262	17	0.222 738	9.933 466	5	087	9 16.2
913	9.710 740	13	9.777 279	17	0.222 721	9.933 461	4		
914	9.710 753	13	9.777 296	17	0.222 704	9.933 457	5	086	
915	9.710 765	12	9.777 313	17	0.222 687	9.933 452	4	085	17
916	9.710 778	13	9.777 330	17	0.222 670	9.933 448	5	084	
		13		18			4	083	1 1.7
917	9.710 791	12	9.777 348	17	0.222 652	9.933 443	5	082	2 3.4
918	9.710 803	13	9.777 365	17	0.222 635	9.933 438	4	081	3 5.1
919	9.710 816	13	9.777 382	17	0.222 618	9.933 434	5		4 6.8
.920	9.710 829	13	9.777 399	17	0.222 601	9.933 429	4	.080	5 8.5
		12		17			5	079	6 10.2
921	9.710 841	13	9.777 416	18	0.222 584	9.933 425	4	078	7 11.9
922	9.710 854	12	9.777 434	17	0.222 566	9.933 420	5	077	8 13.6
923	9.710 866	12	9.777 451	17	0.222 549	9.933 416	4		9 15.3
924	9.710 879	13	9.777 468	17	0.222 532	9.933 411	5	076	
925	9.710 892	13	9.777 485	17	0.222 515	9.933 407	4	075	
926	9.710 904	12	9.777 502	17	0.222 498	9.933 402	5	074	
927	9.710 917	13	9.777 520	18	0.222 480	9.933 398	4	073	13
928	9.710 930	13	9.777 537	17	0.222 463	9.933 393	5	072	
929	9.710 942	12	9.777 554	17	0.222 446	9.933 389	4	071	1 1.3
.930	9.710 955	13	9.777 571	17	0.222 429	9.933 384	5	.070	2 2.6
		13		17			5	069	3 3.9
931	9.710 968	12	9.777 588	17	0.222 412	9.933 379	4	068	4 5.2
932	9.710 980	13	9.777 605	18	0.222 395	9.933 375	5	067	5 6.5
933	9.710 993	13	9.777 623	17	0.222 377	9.933 370	4	066	6 7.8
934	9.711 006	13	9.777 640	17	0.222 360	9.933 366	5	065	7 9.1
935	9.711 018	12	9.777 657	17	0.222 343	9.933 361	4	064	8 10.4
936	9.711 031	13	9.777 674	17	0.222 326	9.933 357	5		9 11.7
937	9.711 044	13	9.777 691	17	0.222 309	9.933 352	4	063	
938	9.711 056	12	9.777 709	18	0.222 291	9.933 348	5	062	
939	9.711 069	13	9.777 726	17	0.222 274	9.933 343	4	061	
.940	9.711 082	13	9.777 743	17	0.222 257	9.933 339	5	.060	12
		12		17			4		1 1.2
941	9.711 094	13	9.777 760	17	0.222 240	9.933 334	5	059	2 2.4
942	9.711 107	13	9.777 777	17	0.222 223	9.933 329	4	058	3 3.6
943	9.711 119	12	9.777 795	18	0.222 205	9.933 325	5	057	4 4.8
944	9.711 132	13	9.777 812	17	0.222 188	9.933 320	4	056	5 6.0
945	9.711 145	13	9.777 829	17	0.222 171	9.933 316	5	055	6 7.2
946	9.711 157	12	9.777 846	17	0.222 154	9.933 311	4	054	7 8.4
947	9.711 170	13	9.777 863	17	0.222 137	9.933 307	5	053	8 9.6
948	9.711 183	13	9.777 880	17	0.222 120	9.933 302	4	052	9 10.8
949	9.711 195	12	9.777 898	18	0.222 102	9.933 298	5	051	
.950	9.711 208	13	9.777 915	17	0.222 085	9.933 293	4	.050	
		13		17			5		
	cos	d	cotg	d	tang	sin	d	59°	P.P.

59°.100 — 59°.050

30°.950 — 31°.000

30°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.711 208		9.777 915		0.222 085	9.933 293		.050	
951	9.711 221	13	9.777 932	17	0.222 068	9.933 289	4	049	
952	9.711 233	12	9.777 949	17	0.222 051	9.933 284	5	048	
953	9.711 246	13	9.777 966	17	0.222 034	9.933 279	5	047	
		13		18			4		18
954	9.711 259	12	9.777 984	17	0.222 016	9.933 275	5	046	
955	9.711 271	13	9.778 001	17	0.221 999	9.933 270	4	045	1 1.8
956	9.711 284	12	9.778 018	17	0.221 982	9.933 266	5	044	2 3.6
		12		17			4		3 5.4
957	9.711 296	13	9.778 035	17	0.221 965	9.933 261	5	043	4 7.2
958	9.711 309	13	9.778 052	17	0.221 948	9.933 257	4	042	5 9.0
959	9.711 322	12	9.778 070	18	0.221 930	9.933 252	5	041	6 10.8
		12		17			4		7 12.6
.960	9.711 334	13	9.778 087	17	0.221 913	9.933 248	5	.040	8 14.4
		13		17			4		9 16.2
961	9.711 347	12	9.778 104	17	0.221 896	9.933 243	5	039	
962	9.711 360	13	9.778 121	17	0.221 879	9.933 239	4	038	
963	9.711 372	12	9.778 138	17	0.221 862	9.933 234	5	037	
		13		17			5		17
964	9.711 385	13	9.778 155	17	0.221 845	9.933 229	4	036	
965	9.711 398	12	9.778 173	18	0.221 827	9.933 225	5	035	
966	9.711 410	12	9.778 190	17	0.221 810	9.933 220	4	034	
		13		17			5		
967	9.711 423	12	9.778 207	17	0.221 793	9.933 216	4	033	1 1.7
968	9.711 435	13	9.778 224	17	0.221 776	9.933 211	5	032	2 3.4
969	9.711 448	13	9.778 241	17	0.221 759	9.933 207	4	031	3 5.1
		13		18			5		4 6.8
.970	9.711 461	12	9.778 259	17	0.221 741	9.933 202	4	.030	5 8.5
		12		17			5		6 10.2
971	9.711 473	13	9.778 276	17	0.221 724	9.933 198	4	029	7 11.9
972	9.711 486	13	9.778 293	17	0.221 707	9.933 193	5	028	8 13.6
973	9.711 499	12	9.778 310	17	0.221 690	9.933 188	4	027	9 15.3
		12		17			5		
974	9.711 511	13	9.778 327	17	0.221 673	9.933 184	4	026	
975	9.711 524	12	9.778 344	17	0.221 656	9.933 179	5	025	
976	9.711 536	12	9.778 362	18	0.221 638	9.933 175	4	024	
		13		17			5		
977	9.711 549	13	9.778 379	17	0.221 621	9.933 170	4	023	13
978	9.711 562	12	9.778 396	17	0.221 604	9.933 166	5	022	
979	9.711 574	12	9.778 413	17	0.221 587	9.933 161	4	021	
		13		17			5		1 1.3
.980	9.711 587	13	9.778 430	17	0.221 570	9.933 157	4	.020	2 2.6
		13		17			5		3 3.9
981	9.711 600	12	9.778 447	18	0.221 553	9.933 152	4	019	4 5.2
982	9.711 612	13	9.778 465	17	0.221 535	9.933 148	5	018	5 6.5
983	9.711 625	12	9.778 482	17	0.221 518	9.933 143	4	017	6 7.8
		12		17			5		7 9.1
984	9.711 637	13	9.778 499	17	0.221 501	9.933 138	4	016	8 10.4
985	9.711 650	13	9.778 516	17	0.221 484	9.933 134	5	015	9 11.7
986	9.711 663	12	9.778 533	17	0.221 467	9.933 129	4	014	
		12		18			5		
987	9.711 675	13	9.778 551	17	0.221 449	9.933 125	4	013	
988	9.711 688	13	9.778 568	17	0.221 432	9.933 120	5	012	
989	9.711 701	12	9.778 585	17	0.221 415	9.933 116	4	011	
		12		17			5		12
.990	9.711 713	13	9.778 602	17	0.221 398	9.933 111	4	.010	1 1.2
		13		17			5		2 2.4
991	9.711 726	12	9.778 619	17	0.221 381	9.933 107	4	009	3 3.6
992	9.711 738	13	9.778 636	18	0.221 364	9.933 102	5	008	4 4.8
993	9.711 751	12	9.778 654	17	0.221 346	9.933 097	4	007	5 6.0
		13		17			5		6 7.2
994	9.711 764	12	9.778 671	17	0.221 329	9.933 093	4	006	7 8.4
995	9.711 776	13	9.778 688	17	0.221 312	9.933 088	5	005	8 9.6
996	9.711 789	12	9.778 705	17	0.221 295	9.933 084	4	004	9 10.8
		12		17			5		
997	9.711 801	13	9.778 722	17	0.221 278	9.933 079	4	003	
998	9.711 814	13	9.778 739	18	0.221 261	9.933 075	5	002	
999	9.711 827	12	9.778 757	17	0.221 243	9.933 070	4	001	
		12		17			5		
*.000	9.711 839	13	9.778 774	17	0.221 226	9.933 066	4	.000	
	cos	d	cotg	d	tang	sin	d	59°	P.P.

31°.000 — 31°.050

31°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.711 839		9.778 774		0.221 226	9.933 066		*.000	
001	9.711 852	13	9.778 791	17	0.221 209	9.933 061	5	999	
002	9.711 865	13	9.778 808	17	0.221 192	9.933 056	5	998	
003	9.711 877	12	9.778 825	17	0.221 175	9.933 052	4	997	
004	9.711 890	13	9.778 842	17	0.221 158	9.933 047	5	996	18
005	9.711 902	12	9.778 860	18	0.221 140	9.933 043	4	995	1 1.8
006	9.711 915	13	9.778 877	17	0.221 123	9.933 038	5	994	2 3.6
007	9.711 928	13	9.778 894	17	0.221 106	9.933 034	4	993	3 5.4
008	9.711 940	12	9.778 911	17	0.221 089	9.933 029	5	992	4 7.2
009	9.711 953	13	9.778 928	17	0.221 072	9.933 025	4	991	5 9.0
		12		17			5		6 10.8
.010	9.711 965	13	9.778 945	18	0.221 055	9.933 020	5	.990	7 12.6
011	9.711 978	13	9.778 963	17	0.221 037	9.933 015	5	989	8 14.4
012	9.711 991	13	9.778 980	17	0.221 020	9.933 011	4	988	9 16.2
013	9.712 003	12	9.778 997	17	0.221 003	9.933 006	5	987	
014	9.712 016	13	9.779 014	17	0.220 986	9.933 002	4	986	
015	9.712 029	13	9.779 031	17	0.220 969	9.932 997	5	985	
016	9.712 041	12	9.779 048	17	0.220 952	9.932 993	4	984	17
017	9.712 054	13	9.779 066	18	0.220 934	9.932 988	5	983	1 1.7
018	9.712 066	12	9.779 083	17	0.220 917	9.932 984	4	982	2 3.4
019	9.712 079	13	9.779 100	17	0.220 900	9.932 979	5	981	3 5.1
		13		17			5		4 6.8
.020	9.712 092	12	9.779 117	17	0.220 883	9.932 974	5	.980	5 8.5
021	9.712 104	13	9.779 134	17	0.220 866	9.932 970	4	979	6 10.2
022	9.712 117	13	9.779 151	17	0.220 849	9.932 965	5	978	7 11.9
023	9.712 129	12	9.779 169	18	0.220 831	9.932 961	4	977	8 13.6
024	9.712 142	13	9.779 186	17	0.220 814	9.932 956	5	976	9 15.3
025	9.712 155	13	9.779 203	17	0.220 797	9.932 952	4	975	
026	9.712 167	12	9.779 220	17	0.220 780	9.932 947	5	974	
027	9.712 180	13	9.779 237	17	0.220 763	9.932 943	4	973	
028	9.712 192	12	9.779 254	17	0.220 746	9.932 938	5	972	13
029	9.712 205	13	9.779 272	18	0.220 728	9.932 933	5	971	1 1.3
		13		17			4		2 2.6
.030	9.712 218	12	9.779 289	17	0.220 711	9.932 929	5	.970	3 3.9
031	9.712 230	13	9.779 306	17	0.220 694	9.932 924	5	969	4 5.2
032	9.712 243	13	9.779 323	17	0.220 677	9.932 920	4	968	5 6.5
033	9.712 255	12	9.779 340	17	0.220 660	9.932 915	5	967	6 7.8
034	9.712 268	13	9.779 357	17	0.220 643	9.932 911	4	966	7 9.1
035	9.712 281	13	9.779 374	17	0.220 626	9.932 906	5	965	8 10.4
036	9.712 293	12	9.779 392	18	0.220 608	9.932 902	4	964	9 11.7
037	9.712 306	13	9.779 409	17	0.220 591	9.932 897	5	963	
038	9.712 318	12	9.779 426	17	0.220 574	9.932 892	5	962	
039	9.712 331	13	9.779 443	17	0.220 557	9.932 888	4	961	
		13		17			5		12
.040	9.712 344	12	9.779 460	17	0.220 540	9.932 883	5	.960	1 1.2
041	9.712 356	13	9.779 477	17	0.220 523	9.932 879	4	959	2 2.4
042	9.712 369	13	9.779 495	18	0.220 505	9.932 874	5	958	3 3.6
043	9.712 381	12	9.779 512	17	0.220 488	9.932 870	4	957	4 4.8
044	9.712 394	13	9.779 529	17	0.220 471	9.932 865	5	956	5 6.0
045	9.712 407	13	9.779 546	17	0.220 454	9.932 860	5	955	6 7.2
046	9.712 419	12	9.779 563	17	0.220 437	9.932 856	4	954	7 8.4
047	9.712 432	13	9.779 580	17	0.220 420	9.932 851	5	953	8 9.6
048	9.712 444	12	9.779 598	18	0.220 402	9.932 847	4	952	9 10.8
049	9.712 457	13	9.779 615	17	0.220 385	9.932 842	5	951	
		12		17			4		
.050	9.712 469		9.779 632		0.220 368	9.932 838		.950	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

59°.000 — 58°.950

31°.050 — 31°.100

31°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.712 469		9.779 632		0.220 368	9.932 838		.950	
051	9.712 482	13	9.779 649	17	0.220 351	9.932 833	5	949	
052	9.712 495	13	9.779 666	17	0.220 334	9.932 829	4	948	
053	9.712 507	12	9.779 683	17	0.220 317	9.932 824	5	947	
		13		17			5		18
054	9.712 520	12	9.779 700	18	0.220 300	9.932 819	4	946	1 1.8
055	9.712 532	13	9.779 718	17	0.220 282	9.932 815	5	945	2 3.6
056	9.712 545	13	9.779 735	17	0.220 265	9.932 810	4	944	3 5.4
		13		17			5		4 7.2
057	9.712 558	12	9.779 752	17	0.220 248	9.932 806	5	943	5 9.0
058	9.712 570	13	9.779 769	17	0.220 231	9.932 801	4	942	6 10.8
059	9.712 583	12	9.779 786	17	0.220 214	9.932 797	5	941	7 12.6
		13		17			5		8 14.4
.060	9.712 595		9.779 803		0.220 197	9.932 792		.940	9 16.2
061	9.712 608	13	9.779 820	17	0.220 180	9.932 787	5	939	
062	9.712 621	13	9.779 838	18	0.220 162	9.932 783	4	938	
063	9.712 633	12	9.779 855	17	0.220 145	9.932 778	5	937	
		13		17			4		17
064	9.712 646	12	9.779 872	17	0.220 128	9.932 774	5	936	1 1.7
065	9.712 658	13	9.779 889	17	0.220 111	9.932 769	4	935	2 3.4
066	9.712 671	13	9.779 906	17	0.220 094	9.932 765	5	934	3 5.1
		12		17			4		4 6.8
067	9.712 683	13	9.779 923	18	0.220 077	9.932 760	5	933	5 8.5
068	9.712 696	13	9.779 941	17	0.220 059	9.932 755	4	932	6 10.2
069	9.712 709	13	9.779 958	17	0.220 042	9.932 751	5	931	7 11.9
		12		17			4		8 13.6
.070	9.712 721		9.779 975		0.220 025	9.932 746		.930	9 15.3
071	9.712 734	13	9.779 992	17	0.220 008	9.932 742	4	929	
072	9.712 746	12	9.780 009	17	0.219 991	9.932 737	5	928	
073	9.712 759	13	9.780 026	17	0.219 974	9.932 733	4	927	
		12		17			5		
074	9.712 771	13	9.780 043	18	0.219 957	9.932 728	4	926	13
075	9.712 784	13	9.780 061	17	0.219 939	9.932 724	5	925	1 1.3
076	9.712 797	13	9.780 078	17	0.219 922	9.932 719	4	924	2 2.6
		12		17			5		3 3.9
077	9.712 809	13	9.780 095	17	0.219 905	9.932 714	4	923	4 5.2
078	9.712 822	12	9.780 112	17	0.219 888	9.932 710	5	922	5 6.5
079	9.712 834	13	9.780 129	17	0.219 871	9.932 705	4	921	6 7.8
		13		17			5		7 9.1
.080	9.712 847		9.780 146		0.219 854	9.932 701		.920	8 10.4
081	9.712 860	13	9.780 163	17	0.219 837	9.932 696	4	919	9 11.7
082	9.712 872	12	9.780 181	18	0.219 819	9.932 692	5	918	
083	9.712 885	13	9.780 198	17	0.219 802	9.932 687	4	917	
		12		17			5		
084	9.712 897	13	9.780 215	17	0.219 785	9.932 682	4	916	
085	9.712 910	12	9.780 232	17	0.219 768	9.932 678	5	915	
086	9.712 922	13	9.780 249	17	0.219 751	9.932 673	4	914	
		13		17			5		
087	9.712 935	13	9.780 266	17	0.219 734	9.932 669	4	913	
088	9.712 948	12	9.780 283	18	0.219 717	9.932 664	5	912	
089	9.712 960	13	9.780 301	17	0.219 699	9.932 660	4	911	
		13		17			5		12
.090	9.712 973		9.780 318		0.219 682	9.932 655		.910	1 1.2
091	9.712 985	12	9.780 335	17	0.219 665	9.932 650	5	909	2 2.4
092	9.712 998	13	9.780 352	17	0.219 648	9.932 646	4	908	3 3.6
093	9.713 010	12	9.780 369	17	0.219 631	9.932 641	5	907	4 4.8
		13		17			4		5 6.0
094	9.713 023	13	9.780 386	17	0.219 614	9.932 637	5	906	6 7.2
095	9.713 036	13	9.780 403	17	0.219 597	9.932 632	4	905	7 8.4
096	9.713 048	12	9.780 421	18	0.219 579	9.932 628	5	904	8 9.6
		13		17			4		9 10.8
097	9.713 061	12	9.780 438	17	0.219 562	9.932 623	5	903	
098	9.713 073	13	9.780 455	17	0.219 545	9.932 618	4	902	
099	9.713 086	13	9.780 472	17	0.219 528	9.932 614	5	901	
		12		17			4		
.100	9.713 098		9.780 489		0.219 511	9.932 609		.900	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.950 — 58°.900

31°.100 — 31°.150

31°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.713 098		9.780 489		0.219 511	9.932 609		.900	
101	9.713 111	13	9.780 506	17	0.219 494	9.932 605	4	899	
102	9.713 123	12	9.780 523	17	0.219 477	9.932 600	5	898	
103	9.713 136	13	9.780 541	18	0.219 459	9.932 596	4	897	
		13		17			5		18
104	9.713 149	12	9.780 558	17	0.219 442	9.932 591	5	896	
105	9.713 161	13	9.780 575	17	0.219 425	9.932 586	5	895	1 1.8
106	9.713 174	12	9.780 592	17	0.219 408	9.932 582	4	894	2 3.6
		12		17			5		3 5.4
107	9.713 186	13	9.780 609	17	0.219 391	9.932 577	4	893	4 7.2
108	9.713 199	12	9.780 626	17	0.219 374	9.932 573	5	892	5 9.0
109	9.713 211	13	9.780 643	17	0.219 357	9.932 568	5	891	6 10.8
		13		17			4		7 12.6
.110	9.713 224	13	9.780 660	18	0.219 340	9.932 564	5	.890	8 14.4
		12		17			5		9 16.2
111	9.713 237	12	9.780 678	17	0.219 322	9.932 559	5	889	
112	9.713 249	13	9.780 695	17	0.219 305	9.932 554	4	888	
113	9.713 262	12	9.780 712	17	0.219 288	9.932 550	5	887	
		13		17			4		17
114	9.713 274	12	9.780 729	17	0.219 271	9.932 545	5	886	
115	9.713 287	13	9.780 746	17	0.219 254	9.932 541	4	885	
116	9.713 299	12	9.780 763	17	0.219 237	9.932 536	5	884	
		13		17			5		1 1.7
117	9.713 312	12	9.780 780	18	0.219 220	9.932 531	4	883	2 3.4
118	9.713 324	13	9.780 798	17	0.219 202	9.932 527	5	882	3 5.1
119	9.713 337	13	9.780 815	17	0.219 185	9.932 522	5	881	4 6.8
		13		17			4		5 8.5
.120	9.713 350	12	9.780 832	17	0.219 168	9.932 518	5	.880	6 10.2
		13		17			4		7 11.9
121	9.713 362	12	9.780 849	17	0.219 151	9.932 513	5	879	8 13.6
122	9.713 375	13	9.780 866	17	0.219 134	9.932 509	5	878	9 15.3
123	9.713 387	13	9.780 883	17	0.219 117	9.932 504	5	877	
		12		17			4		
124	9.713 400	12	9.780 900	17	0.219 100	9.932 499	4	876	
125	9.713 412	13	9.780 917	18	0.219 083	9.932 495	5	875	
126	9.713 425	12	9.780 935	17	0.219 065	9.932 490	4	874	
		13		17			5		
127	9.713 437	12	9.780 952	17	0.219 048	9.932 486	4	873	13
128	9.713 450	13	9.780 969	17	0.219 031	9.932 481	5	872	
129	9.713 463	12	9.780 986	17	0.219 014	9.932 477	4	871	1 1.3
		12		17			5		2 2.6
.130	9.713 475	13	9.781 003	17	0.218 997	9.932 472	5	.870	3 3.9
		12		17			4		4 5.2
131	9.713 488	12	9.781 020	17	0.218 980	9.932 467	5	869	5 6.5
132	9.713 500	13	9.781 037	17	0.218 963	9.932 463	5	868	6 7.8
133	9.713 513	12	9.781 054	18	0.218 946	9.932 458	4	867	7 9.1
		13		17			5		8 10.4
134	9.713 525	12	9.781 072	17	0.218 928	9.932 454	4	866	9 11.7
135	9.713 538	13	9.781 089	17	0.218 911	9.932 449	5	865	
136	9.713 550	12	9.781 106	17	0.218 894	9.932 445	4	864	
		13		17			5		
137	9.713 563	12	9.781 123	17	0.218 877	9.932 440	4	863	
138	9.713 575	13	9.781 140	17	0.218 860	9.932 435	5	862	
139	9.713 588	13	9.781 157	17	0.218 843	9.932 431	4	861	
		13		17			5		12
.140	9.713 601	12	9.781 174	17	0.218 826	9.932 426	4	.860	1 1.2
		13		18			5		2 2.4
141	9.713 613	12	9.781 191	17	0.218 809	9.932 422	5	859	3 3.6
142	9.713 626	13	9.781 209	17	0.218 791	9.932 417	5	858	4 4.8
143	9.713 638	12	9.781 226	17	0.218 774	9.932 412	4	857	5 6.0
		13		17			5		6 7.2
144	9.713 651	12	9.781 243	17	0.218 757	9.932 408	4	856	7 8.4
145	9.713 663	13	9.781 260	17	0.218 740	9.932 403	5	855	8 9.6
146	9.713 676	12	9.781 277	17	0.218 723	9.932 399	4	854	9 10.8
		13		17			5		
147	9.713 688	12	9.781 294	17	0.218 706	9.932 394	4	853	
148	9.713 701	13	9.781 311	17	0.218 689	9.932 390	5	852	
149	9.713 713	12	9.781 328	17	0.218 672	9.932 385	4	851	
		13		18			5		
.150	9.713 726	12	9.781 346	17	0.218 654	9.932 380	4	.850	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.900 — 58°.850

31°.150 — 31°.200

31°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.713 726		9.781 346		0.218 654	9.932 380		.850	
151	9.713 739	13	9.781 363	17	0.218 637	9.932 376	4	849	
152	9.713 751	12	9.781 380	17	0.218 620	9.932 371	5	848	
153	9.713 764	13	9.781 397	17	0.218 603	9.932 367	4	847	
		12		17			5		18
154	9.713 776		9.781 414		0.218 586	9.932 362	5	846	
155	9.713 789	13	9.781 431	17	0.218 569	9.932 357	5	845	1 1.8
156	9.713 801	12	9.781 448	17	0.218 552	9.932 353	4	844	2 3.6
		13		17			5		3 5.4
157	9.713 814		9.781 465		0.218 535	9.932 348	5	843	4 7.2
158	9.713 826	12	9.781 483	18	0.218 517	9.932 344	4	842	5 9.0
159	9.713 839	13	9.781 500	17	0.218 500	9.932 339	5	841	6 10.8
		12		17			4		7 12.6
.160	9.713 851		9.781 517		0.218 483	9.932 335		.840	8 14.4
		13		17			5		9 16.2
161	9.713 864		9.781 534		0.218 466	9.932 330	5	839	
162	9.713 876	12	9.781 551	17	0.218 449	9.932 325	5	838	
163	9.713 889	13	9.781 568	17	0.218 432	9.932 321	4	837	
		13		17			5		17
164	9.713 902		9.781 585		0.218 415	9.932 316	5	836	
165	9.713 914	12	9.781 602	17	0.218 398	9.932 312	4	835	
166	9.713 927	13	9.781 620	18	0.218 380	9.932 307	5	834	
		12		17			5		1 1.7
167	9.713 939		9.781 637		0.218 363	9.932 302	5	833	2 3.4
168	9.713 952	13	9.781 654	17	0.218 346	9.932 298	4	832	3 5.1
169	9.713 964	12	9.781 671	17	0.218 329	9.932 293	5	831	4 6.8
		13		17			4		5 8.5
.170	9.713 977		9.781 688		0.218 312	9.932 289		.830	6 10.2
		12		17			5		7 11.9
171	9.713 989		9.781 705		0.218 295	9.932 284	4	829	8 13.6
172	9.714 002	13	9.781 722	17	0.218 278	9.932 280	5	828	9 15.3
173	9.714 014	12	9.781 739	17	0.218 261	9.932 275	5	827	
		13		17			5		
174	9.714 027		9.781 756		0.218 244	9.932 270	4	826	
175	9.714 039	12	9.781 774	18	0.218 226	9.932 266	4	825	
176	9.714 052	13	9.781 791	17	0.218 209	9.932 261	5	824	
		12		17			4		
177	9.714 064		9.781 808		0.218 192	9.932 257	5	823	13
178	9.714 077	13	9.781 825	17	0.218 175	9.932 252	5	822	
179	9.714 089	12	9.781 842	17	0.218 158	9.932 247	5	821	1 1.3
		13		17			4		2 2.6
.180	9.714 102		9.781 859		0.218 141	9.932 243		.820	3 3.9
		13		17			5		4 5.2
181	9.714 115		9.781 876		0.218 124	9.932 238	4	819	5 6.5
182	9.714 127	12	9.781 893	17	0.218 107	9.932 234	5	818	6 7.8
183	9.714 140	13	9.781 910	17	0.218 090	9.932 229	5	817	7 9.1
		12		18			4		8 10.4
184	9.714 152		9.781 928		0.218 072	9.932 225	5	816	9 11.7
185	9.714 165	13	9.781 945	17	0.218 055	9.932 220	5	815	
186	9.714 177	12	9.781 962	17	0.218 038	9.932 215	5	814	
		13		17			4		
187	9.714 190		9.781 979		0.218 021	9.932 211	5	813	
188	9.714 202	12	9.781 996	17	0.218 004	9.932 206	5	812	
189	9.714 215	13	9.782 013	17	0.217 987	9.932 202	4	811	
		12		17			5		12
.190	9.714 227		9.782 030		0.217 970	9.932 197		.810	1 1.2
		13		17			5		2 2.4
191	9.714 240		9.782 047		0.217 953	9.932 192	4	809	3 3.6
192	9.714 252	12	9.782 064	17	0.217 936	9.932 188	5	808	4 4.8
193	9.714 265	13	9.782 082	18	0.217 918	9.932 183	5	807	5 6.0
		12		17			4		6 7.2
194	9.714 277		9.782 099		0.217 901	9.932 179	5	806	7 8.4
195	9.714 290	13	9.782 116	17	0.217 884	9.932 174	5	805	8 9.6
196	9.714 302	12	9.782 133	17	0.217 867	9.932 169	5	804	9 10.8
		13		17			4		
197	9.714 315		9.782 150		0.217 850	9.932 165	5	803	
198	9.714 327	12	9.782 167	17	0.217 833	9.932 160	4	802	
199	9.714 340	13	9.782 184	17	0.217 816	9.932 156	5	801	
		12		17			5		
.200	9.714 352		9.782 201		0.217 799	9.932 151		.800	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.850 — 58°.800

31°.200 — 31°.250

31°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.714 352		9.782 201		0.217 799	9.932 151		.800	
201	9.714 365	13	9.782 218	17	0.217 782	9.932 147	4	799	
202	9.714 377	12	9.782 236	18	0.217 764	9.932 142	5	798	
203	9.714 390	13	9.782 253	17	0.217 747	9.932 137	5	797	
		12		17			4		18
204	9.714 402		9.782 270		0.217 730	9.932 133		796	
205	9.714 415	13	9.782 287	17	0.217 713	9.932 128	5	795	1 1.8
206	9.714 427	12	9.782 304	17	0.217 696	9.932 124	4	794	2 3.6
		13		17			5		3 5.4
207	9.714 440		9.782 321		0.217 679	9.932 119		793	4 7.2
208	9.714 453	13	9.782 338	17	0.217 662	9.932 114	5	792	5 9.0
209	9.714 465	12	9.782 355	17	0.217 645	9.932 110	4	791	6 10.8
		13		17			5		7 12.6
.210	9.714 478		9.782 372		0.217 628	9.932 105		.790	8 14.4
		12		17			4		9 16.2
211	9.714 490		9.782 389		0.217 611	9.932 101		789	
212	9.714 503	13	9.782 407	18	0.217 593	9.932 096	5	788	
213	9.714 515	12	9.782 424	17	0.217 576	9.932 091	5	787	
		13		17			4		
214	9.714 528		9.782 441		0.217 559	9.932 087		786	
215	9.714 540	12	9.782 458	17	0.217 542	9.932 082	5	785	
216	9.714 553	13	9.782 475	17	0.217 525	9.932 078	4	784	17
		12		17			5		
217	9.714 565		9.782 492		0.217 508	9.932 073		783	1 1.7
218	9.714 578	13	9.782 509	17	0.217 491	9.932 068	5	782	2 3.4
219	9.714 590	12	9.782 526	17	0.217 474	9.932 064	4	781	3 5.1
		13		17			5		4 6.8
.220	9.714 603		9.782 543		0.217 457	9.932 059		.780	5 8.5
		12		17			4		6 10.2
221	9.714 615		9.782 560		0.217 440	9.932 055		779	7 11.9
222	9.714 628	13	9.782 578	18	0.217 422	9.932 050	5	778	8 13.6
223	9.714 640	12	9.782 595	17	0.217 405	9.932 045	5	777	9 15.3
		13		17			4		
224	9.714 653		9.782 612		0.217 388	9.932 041		776	
225	9.714 665	12	9.782 629	17	0.217 371	9.932 036	5	775	
226	9.714 678	13	9.782 646	17	0.217 354	9.932 032	4	774	
		12		17			5		
227	9.714 690		9.782 663		0.217 337	9.932 027		773	13
228	9.714 703	13	9.782 680	17	0.217 320	9.932 022	5	772	
229	9.714 715	12	9.782 697	17	0.217 303	9.932 018	4	771	1 1.3
		13		17			5		2 2.6
.230	9.714 728		9.782 714		0.217 286	9.932 013		.770	3 3.9
		12		17			4		4 5.2
231	9.714 740		9.782 731		0.217 269	9.932 009		769	5 6.5
232	9.714 753	13	9.782 749	18	0.217 251	9.932 004	5	768	6 7.8
233	9.714 765	12	9.782 766	17	0.217 234	9.932 000	4	767	7 9.1
		13		17			5		8 10.4
234	9.714 778		9.782 783		0.217 217	9.931 995		766	9 11.7
235	9.714 790	12	9.782 800	17	0.217 200	9.931 990	5	765	
236	9.714 803	13	9.782 817	17	0.217 183	9.931 986	4	764	
		12		17			5		
237	9.714 815		9.782 834		0.217 166	9.931 981		763	
238	9.714 828	13	9.782 851	17	0.217 149	9.931 977	4	762	
239	9.714 840	12	9.782 868	17	0.217 132	9.931 972	5	761	
		13		17			5		12
.240	9.714 853		9.782 885		0.217 115	9.931 967		.760	1 1.2
		12		17			4		2 2.4
241	9.714 865		9.782 902		0.217 098	9.931 963		759	3 3.6
242	9.714 878	13	9.782 919	17	0.217 081	9.931 958	5	758	4 4.8
243	9.714 890	12	9.782 937	18	0.217 063	9.931 954	4	757	5 6.0
		13		17			5		6 7.2
244	9.714 903		9.782 954		0.217 046	9.931 949		756	7 8.4
245	9.714 915	12	9.782 971	17	0.217 029	9.931 944	5	755	8 9.6
246	9.714 928	13	9.782 988	17	0.217 012	9.931 940	4	754	9 10.8
		12		17			5		
247	9.714 940		9.783 005		0.216 995	9.931 935		753	
248	9.714 953	13	9.783 022	17	0.216 978	9.931 931	4	752	
249	9.714 965	12	9.783 039	17	0.216 961	9.931 926	5	751	
		13		17			5		
.250	9.714 978		9.783 056		0.216 944	9.931 921		.750	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.800 — 58°.750

31°.250 — 31°.300

31°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.714 978		9.783 056		0.216 944	9.931 921		.750	
251	9.714 990	12	9.783 073	17	0.216 927	9.931 917	4	749	
252	9.715 003	13	9.783 090	17	0.216 910	9.931 912	5	748	
253	9.715 015	12	9.783 108	18	0.216 892	9.931 908	4	747	
		13		17			5		18
254	9.715 028	12	9.783 125	17	0.216 875	9.931 903	5	746	1
255	9.715 040	13	9.783 142	17	0.216 858	9.931 898	5	745	2
256	9.715 053	13	9.783 159	17	0.216 841	9.931 894	4	744	3
		12		17			5		4
257	9.715 065	12	9.783 176	17	0.216 824	9.931 889	5	743	5
258	9.715 077	13	9.783 193	17	0.216 807	9.931 885	4	742	6
259	9.715 090	12	9.783 210	17	0.216 790	9.931 880	5	741	7
		13		17			5		8
.260	9.715 102	13	9.783 227	17	0.216 773	9.931 875	4	.740	9
261	9.715 115	12	9.783 244	17	0.216 756	9.931 871	5	739	12.6
262	9.715 127	13	9.783 261	17	0.216 739	9.931 866	5	738	14.4
263	9.715 140	12	9.783 278	17	0.216 722	9.931 862	4	737	16.2
		13		17			5		
264	9.715 152	13	9.783 295	18	0.216 705	9.931 857	5	736	
265	9.715 165	12	9.783 313	17	0.216 687	9.931 852	5	735	17
266	9.715 177	12	9.783 330	17	0.216 670	9.931 848	4	734	
		13		17			5		1
267	9.715 190	12	9.783 347	17	0.216 653	9.931 843	4	733	2
268	9.715 202	13	9.783 364	17	0.216 636	9.931 839	5	732	3
269	9.715 215	12	9.783 381	17	0.216 619	9.931 834	5	731	4
		13		17			5		5
.270	9.715 227	13	9.783 398	17	0.216 602	9.931 829	4	.730	6
271	9.715 240	12	9.783 415	17	0.216 585	9.931 825	5	729	10.2
272	9.715 252	13	9.783 432	17	0.216 568	9.931 820	5	728	11.9
273	9.715 265	12	9.783 449	17	0.216 551	9.931 816	4	727	13.6
		13		17			5		15.3
274	9.715 277	13	9.783 466	17	0.216 534	9.931 811	5	726	
275	9.715 290	12	9.783 483	17	0.216 517	9.931 806	5	725	
276	9.715 302	12	9.783 500	17	0.216 500	9.931 802	4	724	
		13		18			5		
277	9.715 315	12	9.783 518	17	0.216 482	9.931 797	5	723	13
278	9.715 327	13	9.783 535	17	0.216 465	9.931 792	5	722	
279	9.715 340	12	9.783 552	17	0.216 448	9.931 788	4	721	1
		13		17			5		2
.280	9.715 352	13	9.783 569	17	0.216 431	9.931 783	4	.720	3
281	9.715 365	12	9.783 586	17	0.216 414	9.931 779	5	719	3.9
282	9.715 377	13	9.783 603	17	0.216 397	9.931 774	5	718	5.2
283	9.715 390	12	9.783 620	17	0.216 380	9.931 769	5	717	6.5
		13		17			4		7.8
284	9.715 402	12	9.783 637	17	0.216 363	9.931 765	5	716	9.1
285	9.715 414	13	9.783 654	17	0.216 346	9.931 760	5	715	10.4
286	9.715 427	12	9.783 671	17	0.216 329	9.931 756	4	714	11.7
		13		17			5		
287	9.715 439	13	9.783 688	17	0.216 312	9.931 751	5	713	
288	9.715 452	12	9.783 705	18	0.216 295	9.931 746	5	712	
289	9.715 464	12	9.783 723	17	0.216 277	9.931 742	4	711	
		13		17			5		12
.290	9.715 477	12	9.783 740	17	0.216 260	9.931 737	4	.710	1
291	9.715 489	13	9.783 757	17	0.216 243	9.931 733	5	709	1.2
292	9.715 502	12	9.783 774	17	0.216 226	9.931 728	5	708	2.4
293	9.715 514	13	9.783 791	17	0.216 209	9.931 723	5	707	3.6
		13		17			4		4.8
294	9.715 527	12	9.783 808	17	0.216 192	9.931 719	5	706	6.0
295	9.715 539	13	9.783 825	17	0.216 175	9.931 714	5	705	7.2
296	9.715 552	12	9.783 842	17	0.216 158	9.931 710	4	704	8.4
		13		17			5		9.6
297	9.715 564	12	9.783 859	17	0.216 141	9.931 705	5	703	10.8
298	9.715 577	13	9.783 876	17	0.216 124	9.931 700	5	702	
299	9.715 589	12	9.783 893	17	0.216 107	9.931 696	4	701	
		13		17			5		
.300	9.715 602		9.783 910		0.216 090	9.931 691		.700	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.750 — 58°.700

31°.300 — 31°.350

31°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.715 602		9.783 910		0.216 090	9.931 691		.700	
301	9.715 614	12	9.783 927	17	0.216 073	9.931 687	4	699	
302	9.715 626	12	9.783 945	18	0.216 055	9.931 682	5	698	
303	9.715 639	13	9.783 962	17	0.216 038	9.931 677	5	697	
		12		17			4		18
304	9.715 651	13	9.783 979	17	0.216 021	9.931 673	5	696	1
305	9.715 664	12	9.783 996	17	0.216 004	9.931 668	5	695	2
306	9.715 676	12	9.784 013	17	0.215 987	9.931 663	5	694	3
		13		17			4		4
307	9.715 689	12	9.784 030	17	0.215 970	9.931 659	5	693	5
308	9.715 701	13	9.784 047	17	0.215 953	9.931 654	4	692	6
309	9.715 714	12	9.784 064	17	0.215 936	9.931 650	5	691	7
		13		17			5		8
.310	9.715 726	13	9.784 081	17	0.215 919	9.931 645	5	.690	9
		12		17			5		16.2
311	9.715 739	12	9.784 098	17	0.215 902	9.931 640	4	689	
312	9.715 751	13	9.784 115	17	0.215 885	9.931 636	5	688	
313	9.715 764	12	9.784 132	17	0.215 868	9.931 631	4	687	
		12		17			5		17
314	9.715 776	12	9.784 149	17	0.215 851	9.931 627	4	686	1
315	9.715 788	13	9.784 166	17	0.215 834	9.931 622	5	685	2
316	9.715 801	12	9.784 184	18	0.215 816	9.931 617	5	684	3
		12		17			4		4
317	9.715 813	13	9.784 201	17	0.215 799	9.931 613	5	683	5
318	9.715 826	12	9.784 218	17	0.215 782	9.931 608	4	682	6
319	9.715 838	12	9.784 235	17	0.215 765	9.931 604	5	681	7
		13		17			5		8
.320	9.715 851	12	9.784 252	17	0.215 748	9.931 599	5	.680	9
		13		17			5		10.2
321	9.715 863	12	9.784 269	17	0.215 731	9.931 594	4	679	7
322	9.715 876	12	9.784 286	17	0.215 714	9.931 590	5	678	11.9
323	9.715 888	13	9.784 303	17	0.215 697	9.931 585	5	677	8
		13		17			5		13.6
324	9.715 901	12	9.784 320	17	0.215 680	9.931 580	4	676	9
325	9.715 913	12	9.784 337	17	0.215 663	9.931 576	5	675	15.3
326	9.715 925	12	9.784 354	17	0.215 646	9.931 571	5	674	
		13		17			4		
327	9.715 938	12	9.784 371	17	0.215 629	9.931 567	5	673	13
328	9.715 950	13	9.784 388	17	0.215 612	9.931 562	5	672	1
329	9.715 963	12	9.784 405	17	0.215 595	9.931 557	4	671	2
		12		18			4		2.6
.330	9.715 975	13	9.784 423	17	0.215 577	9.931 553	5	.670	3
		12		17			5		3.9
331	9.715 988	12	9.784 440	17	0.215 560	9.931 548	4	669	4
332	9.716 000	13	9.784 457	17	0.215 543	9.931 544	5	668	5.2
333	9.716 013	12	9.784 474	17	0.215 526	9.931 539	5	667	5
		12		17			5		6.5
334	9.716 025	13	9.784 491	17	0.215 509	9.931 534	4	666	7
335	9.716 038	12	9.784 508	17	0.215 492	9.931 530	5	665	9.1
336	9.716 050	12	9.784 525	17	0.215 475	9.931 525	5	664	8
		12		17			5		10.4
337	9.716 062	13	9.784 542	17	0.215 458	9.931 520	4	663	9
338	9.716 075	12	9.784 559	17	0.215 441	9.931 516	5	662	11.7
339	9.716 087	12	9.784 576	17	0.215 424	9.931 511	4	661	
		13		17			4		12
.340	9.716 100	12	9.784 593	17	0.215 407	9.931 507	5	.660	1
		13		17			5		1.2
341	9.716 112	12	9.784 610	17	0.215 390	9.931 502	4	659	2
342	9.716 125	12	9.784 627	17	0.215 373	9.931 497	5	658	2.4
343	9.716 137	13	9.784 644	17	0.215 356	9.931 493	4	657	3
		12		17			5		3.6
344	9.716 150	12	9.784 661	17	0.215 339	9.931 488	4	656	4
345	9.716 162	12	9.784 678	17	0.215 322	9.931 484	5	655	4.8
346	9.716 174	13	9.784 696	18	0.215 304	9.931 479	5	654	5
		12		17			5		6.0
347	9.716 187	12	9.784 713	17	0.215 287	9.931 474	4	653	6
348	9.716 199	13	9.784 730	17	0.215 270	9.931 470	5	652	7.2
349	9.716 212	12	9.784 747	17	0.215 253	9.931 465	4	651	7
		12		17			5		8.4
.350	9.716 224	12	9.784 764	17	0.215 236	9.931 460	5	.650	8
		13		17			5		9.6
	cos	d	cotg	d	tang	sin	d	58°	10.8
									P.P.

58°.700 — 58°.650

31°.350 — 31°.400

31°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.716 224		9.784 764		0.215 236	9.931 460		.650	
351	9.716 237	13	9.784 781	17	0.215 219	9.931 456	4	649	
352	9.716 249	12	9.784 798	17	0.215 202	9.931 451	5	648	
353	9.716 262	13	9.784 815	17	0.215 185	9.931 447	4	647	
		12		17			5		18
354	9.716 274	12	9.784 832	17	0.215 168	9.931 442	5	646	
355	9.716 286	12	9.784 849	17	0.215 151	9.931 437	5	645	1 1.8
356	9.716 299	13	9.784 866	17	0.215 134	9.931 433	4	644	2 3.6
		12		17			5		3 5.4
357	9.716 311	13	9.784 883	17	0.215 117	9.931 428	4	643	4 7.2
358	9.716 324	12	9.784 900	17	0.215 100	9.931 424	4	642	5 9.0
359	9.716 336	12	9.784 917	17	0.215 083	9.931 419	5	641	6 10.8
		13		17			5		7 12.6
.360	9.716 349	12	9.784 934	17	0.215 066	9.931 414	4	.640	8 14.4
		13		17			5		9 16.2
361	9.716 361	13	9.784 951	17	0.215 049	9.931 410	4	639	
362	9.716 374	12	9.784 968	17	0.215 032	9.931 405	5	638	
363	9.716 386	12	9.784 986	18	0.215 014	9.931 400	5	637	
		12		17			4		
364	9.716 398	13	9.785 003	17	0.214 997	9.931 396	5	636	
365	9.716 411	12	9.785 020	17	0.214 980	9.931 391	4	635	
366	9.716 423	12	9.785 037	17	0.214 963	9.931 387	5	634	17
		13		17			4		
367	9.716 436	12	9.785 054	17	0.214 946	9.931 382	5	633	1 1.7
368	9.716 448	13	9.785 071	17	0.214 929	9.931 377	5	632	2 3.4
369	9.716 461	12	9.785 088	17	0.214 912	9.931 373	4	631	3 5.1
		13		17			5		4 6.8
.370	9.716 473	12	9.785 105	17	0.214 895	9.931 368	5	.630	5 8.5
		12		17			5		6 10.2
371	9.716 485	13	9.785 122	17	0.214 878	9.931 363	4	629	7 11.9
372	9.716 498	12	9.785 139	17	0.214 861	9.931 359	5	628	8 13.6
373	9.716 510	13	9.785 156	17	0.214 844	9.931 354	4	627	9 15.3
		12		17			5		
374	9.716 523	12	9.785 173	17	0.214 827	9.931 350	4	626	
375	9.716 535	13	9.785 190	17	0.214 810	9.931 345	5	625	
376	9.716 548	12	9.785 207	17	0.214 793	9.931 340	4	624	
		12		17			5		
377	9.716 560	12	9.785 224	17	0.214 776	9.931 336	4	623	
378	9.716 572	12	9.785 241	17	0.214 759	9.931 331	5	622	13
379	9.716 585	13	9.785 258	17	0.214 742	9.931 326	5	621	
		12		17			4		
.380	9.716 597	13	9.785 275	17	0.214 725	9.931 322	5	.620	
		12		17			4		
381	9.716 610	12	9.785 292	18	0.214 708	9.931 317	5	619	
382	9.716 622	13	9.785 310	17	0.214 690	9.931 313	4	618	
383	9.716 635	12	9.785 327	17	0.214 673	9.931 308	5	617	
		12		17			5		
384	9.716 647	12	9.785 344	17	0.214 656	9.931 303	4	616	
385	9.716 659	13	9.785 361	17	0.214 639	9.931 299	5	615	
386	9.716 672	12	9.785 378	17	0.214 622	9.931 294	4	614	
		12		17			5		
387	9.716 684	13	9.785 395	17	0.214 605	9.931 290	4	613	
388	9.716 697	12	9.785 412	17	0.214 588	9.931 285	5	612	
389	9.716 709	13	9.785 429	17	0.214 571	9.931 280	4	611	
		12		17			5		
.390	9.716 722	13	9.785 446	17	0.214 554	9.931 276	4	.610	12
		12		17			5		
391	9.716 734	12	9.785 463	17	0.214 537	9.931 271	5	609	1 1.2
392	9.716 746	13	9.785 480	17	0.214 520	9.931 266	4	608	2 2.4
393	9.716 759	12	9.785 497	17	0.214 503	9.931 262	5	607	3 3.6
		12		17			4		4 4.8
394	9.716 771	13	9.785 514	17	0.214 486	9.931 257	5	606	5 6.0
395	9.716 784	12	9.785 531	17	0.214 469	9.931 253	4	605	6 7.2
396	9.716 796	12	9.785 548	17	0.214 452	9.931 248	5	604	7 8.4
		12		17			4		8 9.6
397	9.716 808	13	9.785 565	17	0.214 435	9.931 243	5	603	9 10.8
398	9.716 821	12	9.785 582	17	0.214 418	9.931 239	4	602	
399	9.716 833	13	9.785 599	17	0.214 401	9.931 234	5	601	
		12		17			4		
.400	9.716 846	13	9.785 616	17	0.214 384	9.931 229	5	.600	
		12		17			4		
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.650 — 58°.600

31°.400 — 31°.450

31°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.716 846		9.785 616		0.214 384	9.931 229		.600	
401	9.716 858	12	9.785 633	17	0.214 367	9.931 225	4	599	
402	9.716 871	13	9.785 650	17	0.214 350	9.931 220	5	598	
403	9.716 883	12	9.785 668	18	0.214 332	9.931 215	5	597	
404	9.716 895	12	9.785 685	17	0.214 315	9.931 211	4	596	18
405	9.716 908	13	9.785 702	17	0.214 298	9.931 206	5	595	1 1.8
406	9.716 920	12	9.785 719	17	0.214 281	9.931 202	4	594	2 3.6
407	9.716 933	13	9.785 736	17	0.214 264	9.931 197	5	593	3 5.4
408	9.716 945	12	9.785 753	17	0.214 247	9.931 192	5	592	4 7.2
409	9.716 957	12	9.785 770	17	0.214 230	9.931 188	4	591	5 9.0
.410	9.716 970	13	9.785 787	17	0.214 213	9.931 183	5	.590	6 10.8
411	9.716 982	12	9.785 804	17	0.214 196	9.931 178	5	589	7 12.6
412	9.716 995	13	9.785 821	17	0.214 179	9.931 174	4	588	8 14.4
413	9.717 007	12	9.785 838	17	0.214 162	9.931 169	5	587	9 16.2
414	9.717 020	13	9.785 855	17	0.214 145	9.931 165	4	586	
415	9.717 032	12	9.785 872	17	0.214 128	9.931 160	5	585	17
416	9.717 044	12	9.785 889	17	0.214 111	9.931 155	5	584	
417	9.717 057	13	9.785 906	17	0.214 094	9.931 151	4	583	1 1.7
418	9.717 069	12	9.785 923	17	0.214 077	9.931 146	5	582	2 3.4
419	9.717 082	13	9.785 940	17	0.214 060	9.931 141	5	581	3 5.1
.420	9.717 094	12	9.785 957	17	0.214 043	9.931 137	4	.580	4 6.8
421	9.717 106	12	9.785 974	17	0.214 026	9.931 132	5	579	5 8.5
422	9.717 119	13	9.785 991	17	0.214 009	9.931 128	4	578	6 10.2
423	9.717 131	12	9.786 008	17	0.213 992	9.931 123	5	577	7 11.9
424	9.717 144	13	9.786 025	17	0.213 975	9.931 118	5	576	8 13.6
425	9.717 156	12	9.786 042	17	0.213 958	9.931 114	4	575	9 15.3
426	9.717 168	12	9.786 059	17	0.213 941	9.931 109	5	574	
427	9.717 181	13	9.786 076	17	0.213 924	9.931 104	5	573	13
428	9.717 193	12	9.786 094	18	0.213 906	9.931 100	4	572	
429	9.717 206	13	9.786 111	17	0.213 889	9.931 095	5	571	1 1.3
.430	9.717 218	12	9.786 128	17	0.213 872	9.931 090	5	.570	2 2.6
431	9.717 230	12	9.786 145	17	0.213 855	9.931 086	4	569	3 3.9
432	9.717 243	13	9.786 162	17	0.213 838	9.931 081	5	568	4 5.2
433	9.717 255	12	9.786 179	17	0.213 821	9.931 077	4	567	5 6.5
434	9.717 268	13	9.786 196	17	0.213 804	9.931 072	5	566	6 7.8
435	9.717 280	12	9.786 213	17	0.213 787	9.931 067	4	565	7 9.1
436	9.717 292	12	9.786 230	17	0.213 770	9.931 063	5	564	8 10.4
437	9.717 305	13	9.786 247	17	0.213 753	9.931 058	5	563	9 11.7
438	9.717 317	12	9.786 264	17	0.213 736	9.931 053	4	562	
439	9.717 330	13	9.786 281	17	0.213 719	9.931 049	5	561	12
.440	9.717 342	12	9.786 298	17	0.213 702	9.931 044	5	.560	
441	9.717 354	12	9.786 315	17	0.213 685	9.931 040	4	559	1 1.2
442	9.717 367	13	9.786 332	17	0.213 668	9.931 035	5	558	2 2.4
443	9.717 379	12	9.786 349	17	0.213 651	9.931 030	5	557	3 3.6
444	9.717 392	13	9.786 366	17	0.213 634	9.931 026	4	556	4 4.8
445	9.717 404	12	9.786 383	17	0.213 617	9.931 021	5	555	5 6.0
446	9.717 416	12	9.786 400	17	0.213 600	9.931 016	5	554	6 7.2
447	9.717 429	13	9.786 417	17	0.213 583	9.931 012	4	553	7 8.4
448	9.717 441	12	9.786 434	17	0.213 566	9.931 007	5	552	8 9.6
449	9.717 454	13	9.786 451	17	0.213 549	9.931 002	5	551	9 10.8
.450	9.717 466	12	9.786 468	17	0.213 532	9.930 998	4	.550	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.600 — 58°.550

31°.450 — 31°.500

31°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.717 466		9.786 468		0.213 532	9.930 998		.550	
451	9.717 478	12	9.786 485	17	0.213 515	9.930 993	5	549	
452	9.717 491	13	9.786 502	17	0.213 498	9.930 989	4	548	
453	9.717 503	12	9.786 519	17	0.213 481	9.930 984	5	547	
		13		17			5		18
454	9.717 516		9.786 536		0.213 464	9.930 979		546	
455	9.717 528	12	9.786 553	17	0.213 447	9.930 975	4	545	1 1.8
456	9.717 540	12	9.786 570	17	0.213 430	9.930 970	5	544	2 3.6
		13		17			5		3 5.4
457	9.717 553		9.786 587		0.213 413	9.930 965		543	4 7.2
458	9.717 565	12	9.786 604	17	0.213 396	9.930 961	4	542	5 9.0
459	9.717 578	13	9.786 621	17	0.213 379	9.930 956	5	541	6 10.8
		12		18			5		7 12.6
.460	9.717 590		9.786 639		0.213 361	9.930 951		.540	8 14.4
		12		17			4		9 16.2
461	9.717 602	13	9.786 656	17	0.213 344	9.930 947	5	539	
462	9.717 615	12	9.786 673	17	0.213 327	9.930 942	5	538	
463	9.717 627	12	9.786 690	17	0.213 310	9.930 938	4	537	
		12		17			5		17
464	9.717 639		9.786 707		0.213 293	9.930 933		536	
465	9.717 652	13	9.786 724	17	0.213 276	9.930 928	5	535	
466	9.717 664	12	9.786 741	17	0.213 259	9.930 924	4	534	
		13		17			5		1 1.7
467	9.717 677		9.786 758		0.213 242	9.930 919		533	2 3.4
468	9.717 689	12	9.786 775	17	0.213 225	9.930 914	5	532	3 5.1
469	9.717 701	12	9.786 792	17	0.213 208	9.930 910	4	531	4 6.8
		13		17			5		5 8.5
.470	9.717 714		9.786 809		0.213 191	9.930 905		.530	6 10.2
		12		17			5		7 11.9
471	9.717 726	13	9.786 826	17	0.213 174	9.930 900	4	529	8 13.6
472	9.717 739	12	9.786 843	17	0.213 157	9.930 896	5	528	9 15.3
473	9.717 751	12	9.786 860	17	0.213 140	9.930 891	5	527	
		12		17			5		
474	9.717 763		9.786 877		0.213 123	9.930 886		526	
475	9.717 776	13	9.786 894	17	0.213 106	9.930 882	4	525	
476	9.717 788	12	9.786 911	17	0.213 089	9.930 877	5	524	
		12		17			4		
477	9.717 800		9.786 928		0.213 072	9.930 873		523	13
478	9.717 813	13	9.786 945	17	0.213 055	9.930 868	5	522	
479	9.717 825	12	9.786 962	17	0.213 038	9.930 863	5	521	1 1.3
		13		17			4		2 2.6
.480	9.717 838		9.786 979		0.213 021	9.930 859		.520	3 3.9
		12		17			5		4 5.2
481	9.717 850	12	9.786 996	17	0.213 004	9.930 854	5	519	5 6.5
482	9.717 862	13	9.787 013	17	0.212 987	9.930 849	5	518	6 7.8
483	9.717 875	12	9.787 030	17	0.212 970	9.930 845	4	517	7 9.1
		12		17			5		8 10.4
484	9.717 887		9.787 047		0.212 953	9.930 840		516	9 11.7
485	9.717 900	13	9.787 064	17	0.212 936	9.930 835	5	515	
486	9.717 912	12	9.787 081	17	0.212 919	9.930 831	4	514	
		12		17			5		
487	9.717 924		9.787 098		0.212 902	9.930 826		513	
488	9.717 937	13	9.787 115	17	0.212 885	9.930 822	4	512	
489	9.717 949	12	9.787 132	17	0.212 868	9.930 817	5	511	
		12		17			5		12
.490	9.717 961		9.787 149		0.212 851	9.930 812		.510	1 1.2
		13		17			4		2 2.4
491	9.717 974	12	9.787 166	17	0.212 834	9.930 808	5	509	3 3.6
492	9.717 986	13	9.787 183	17	0.212 817	9.930 803	5	508	4 4.8
493	9.717 999	12	9.787 200	17	0.212 800	9.930 798	5	507	5 6.0
		12		17			4		6 7.2
494	9.718 011		9.787 217		0.212 783	9.930 794		506	7 8.4
495	9.718 023	12	9.787 234	17	0.212 766	9.930 789	5	505	8 9.6
496	9.718 036	13	9.787 251	17	0.212 749	9.930 784	5	504	9 10.8
		12		17			4		
497	9.718 048		9.787 268		0.212 732	9.930 780		503	
498	9.718 060	12	9.787 285	17	0.212 715	9.930 775	5	502	
499	9.718 073	13	9.787 302	17	0.212 698	9.930 770	5	501	
		12		17			4		
.500	9.718 085		9.787 319		0.212 681	9.930 766		.500	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

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31°.500 — 31°.550

31°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.718 085		9.787 319		0.212 681	9.930 766		.500	
501	9.718 097	12	9.787 336	17	0.212 664	9.930 761	5	499	
502	9.718 110	13	9.787 353	17	0.212 647	9.930 756	5	498	
503	9.718 122	12	9.787 370	17	0.212 630	9.930 752	4	497	
504	9.718 135	13	9.787 387	17	0.212 613	9.930 747	5	496	
505	9.718 147	12	9.787 404	17	0.212 596	9.930 743	4	495	
506	9.718 159	12	9.787 421	17	0.212 579	9.930 738	5	494	
507	9.718 172	13	9.787 438	17	0.212 562	9.930 733	5	493	
508	9.718 184	12	9.787 455	17	0.212 545	9.930 729	4	492	
509	9.718 196	12	9.787 472	17	0.212 528	9.930 724	5	491	
.510	9.718 209	13	9.787 489	17	0.212 511	9.930 719	5	.490	
511	9.718 221	12	9.787 506	17	0.212 494	9.930 715	4	489	
512	9.718 233	12	9.787 523	17	0.212 477	9.930 710	5	488	
513	9.718 246	13	9.787 540	17	0.212 460	9.930 705	5	487	
514	9.718 258	12	9.787 557	17	0.212 443	9.930 701	4	486	
515	9.718 271	13	9.787 574	17	0.212 426	9.930 696	5	485	
516	9.718 283	12	9.787 592	18	0.212 408	9.930 691	5	484	
517	9.718 295	12	9.787 609	17	0.212 391	9.930 687	4	483	
518	9.718 308	13	9.787 626	17	0.212 374	9.930 682	5	482	
519	9.718 320	12	9.787 643	17	0.212 357	9.930 677	5	481	
.520	9.718 332	12	9.787 660	17	0.212 340	9.930 673	4	.480	
521	9.718 345	13	9.787 677	17	0.212 323	9.930 668	5	479	
522	9.718 357	12	9.787 694	17	0.212 306	9.930 664	4	478	
523	9.718 369	12	9.787 711	17	0.212 289	9.930 659	5	477	
524	9.718 382	13	9.787 728	17	0.212 272	9.930 654	5	476	
525	9.718 394	12	9.787 745	17	0.212 255	9.930 650	4	475	
526	9.718 407	13	9.787 762	17	0.212 238	9.930 645	5	474	
527	9.718 419	12	9.787 779	17	0.212 221	9.930 640	5	473	
528	9.718 431	12	9.787 796	17	0.212 204	9.930 636	4	472	
529	9.718 444	13	9.787 813	17	0.212 187	9.930 631	5	471	
.530	9.718 456	12	9.787 830	17	0.212 170	9.930 626	5	.470	
531	9.718 468	12	9.787 847	17	0.212 153	9.930 622	4	469	
532	9.718 481	13	9.787 864	17	0.212 136	9.930 617	5	468	
533	9.718 493	12	9.787 881	17	0.212 119	9.930 612	5	467	
534	9.718 505	12	9.787 898	17	0.212 102	9.930 608	4	466	
535	9.718 518	13	9.787 915	17	0.212 085	9.930 603	5	465	
536	9.718 530	12	9.787 932	17	0.212 068	9.930 598	5	464	
537	9.718 542	12	9.787 949	17	0.212 051	9.930 594	4	463	
538	9.718 555	13	9.787 966	17	0.212 034	9.930 589	5	462	
539	9.718 567	12	9.787 983	17	0.212 017	9.930 584	5	461	
.540	9.718 579	12	9.788 000	17	0.212 000	9.930 580	4	.460	
541	9.718 592	13	9.788 017	17	0.211 983	9.930 575	5	459	
542	9.718 604	12	9.788 034	17	0.211 966	9.930 571	4	458	
543	9.718 617	13	9.788 051	17	0.211 949	9.930 566	5	457	
544	9.718 629	12	9.788 068	17	0.211 932	9.930 561	5	456	
545	9.718 641	12	9.788 085	17	0.211 915	9.930 557	4	455	
546	9.718 654	13	9.788 102	17	0.211 898	9.930 552	5	454	
547	9.718 666	12	9.788 119	17	0.211 881	9.930 547	5	453	
548	9.718 678	12	9.788 136	17	0.211 864	9.930 543	4	452	
549	9.718 691	13	9.788 153	17	0.211 847	9.930 538	5	451	
.550	9.718 703	12	9.788 170	17	0.211 830	9.930 533	5	.450	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.500 — 58°.450

31°.550 — 31°.600

31°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.718 703		9.788 170		0.211 830	9.930 533		.450	
551	9.718 715	12	9.788 187	17	0.211 813	9.930 529	4	449	
552	9.718 728	13	9.788 204	17	0.211 796	9.930 524	5	448	
553	9.718 740	12	9.788 221	17	0.211 779	9.930 519	5	447	
		12		17			4		17
554	9.718 752	12	9.788 238	17	0.211 762	9.930 515	4	446	
555	9.718 765	13	9.788 255	17	0.211 745	9.930 510	5	445	1 1.7
556	9.718 777	12	9.788 272	17	0.211 728	9.930 505	5	444	2 3.4
		12		17			4		3 5.1
557	9.718 789	12	9.788 289	17	0.211 711	9.930 501	4	443	4 6.8
558	9.718 802	13	9.788 306	17	0.211 694	9.930 496	5	442	5 8.5
559	9.718 814	12	9.788 323	17	0.211 677	9.930 491	5	441	6 10.2
		12		17			4		7 11.9
.560	9.718 826		9.788 340		0.211 660	9.930 487		.440	8 13.6
		13		17			5		9 15.3
561	9.718 839	12	9.788 357	17	0.211 643	9.930 482	5	439	
562	9.718 851	12	9.788 374	17	0.211 626	9.930 477	5	438	
563	9.718 863	12	9.788 391	17	0.211 609	9.930 473	4	437	
		13		17			5		16
564	9.718 876	12	9.788 408	17	0.211 592	9.930 468	5	436	
565	9.718 888	12	9.788 425	17	0.211 575	9.930 463	5	435	
566	9.718 900	12	9.788 442	17	0.211 558	9.930 459	4	434	
		13		17			5		1 1.6
567	9.718 913	12	9.788 459	17	0.211 541	9.930 454	4	433	2 3.2
568	9.718 925	12	9.788 476	17	0.211 524	9.930 450	5	432	3 4.8
569	9.718 937	12	9.788 493	17	0.211 507	9.930 445	5	431	4 6.4
		13		17			5		5 8.0
.570	9.718 950		9.788 510		0.211 490	9.930 440		.430	6 9.6
		12		17			4		7 11.2
571	9.718 962	12	9.788 527	17	0.211 473	9.930 436	5	429	8 12.8
572	9.718 974	12	9.788 544	17	0.211 456	9.930 431	5	428	9 14.4
573	9.718 987	13	9.788 561	17	0.211 439	9.930 426	5	427	
		12		17			4		
574	9.718 999	12	9.788 578	17	0.211 422	9.930 422	5	426	
575	9.719 011	12	9.788 595	17	0.211 405	9.930 417	5	425	
576	9.719 024	13	9.788 612	17	0.211 388	9.930 412	5	424	
		12		17			4		13
577	9.719 036	12	9.788 629	17	0.211 371	9.930 408	5	423	
578	9.719 048	12	9.788 646	17	0.211 354	9.930 403	5	422	
579	9.719 061	13	9.788 662	16	0.211 338	9.930 398	5	421	
		12		17			4		1 1.3
.580	9.719 073		9.788 679		0.211 321	9.930 394		.420	2 2.6
		12		17			5		3 3.9
581	9.719 085	12	9.788 696	17	0.211 304	9.930 389	5	419	4 5.2
582	9.719 098	13	9.788 713	17	0.211 287	9.930 384	5	418	5 6.5
583	9.719 110	12	9.788 730	17	0.211 270	9.930 380	4	417	6 7.8
		12		17			5		7 9.1
584	9.719 122	12	9.788 747	17	0.211 253	9.930 375	5	416	8 10.4
585	9.719 135	13	9.788 764	17	0.211 236	9.930 370	5	415	9 11.7
586	9.719 147	12	9.788 781	17	0.211 219	9.930 366	4	414	
		12		17			5		
587	9.719 159	12	9.788 798	17	0.211 202	9.930 361	5	413	
588	9.719 172	13	9.788 815	17	0.211 185	9.930 356	5	412	
589	9.719 184	12	9.788 832	17	0.211 168	9.930 352	4	411	
		12		17			5		12
.590	9.719 196		9.788 849		0.211 151	9.930 347		.410	
		13		17			5		1 1.2
591	9.719 209	12	9.788 866	17	0.211 134	9.930 342	5	409	2 2.4
592	9.719 221	12	9.788 883	17	0.211 117	9.930 338	4	408	3 3.6
593	9.719 233	12	9.788 900	17	0.211 100	9.930 333	5	407	4 4.8
		13		17			5		5 6.0
594	9.719 246	12	9.788 917	17	0.211 083	9.930 328	5	406	6 7.2
595	9.719 258	12	9.788 934	17	0.211 066	9.930 324	4	405	7 8.4
596	9.719 270	12	9.788 951	17	0.211 049	9.930 319	5	404	8 9.6
		13		17			5		9 10.8
597	9.719 283	12	9.788 968	17	0.211 032	9.930 314	5	403	
598	9.719 295	12	9.788 985	17	0.211 015	9.930 310	4	402	
599	9.719 307	12	9.789 002	17	0.210 998	9.930 305	5	401	
		13		17			5		
.600	9.719 320		9.789 019		0.210 981	9.930 300		.400	
		13		17			5		
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.450 — 58°.400

31°.600 — 31°.650

31°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.719 320		9.789 019		0.210 981	9.930 300		.400	
601	9.719 332	12	9.789 036	17	0.210 964	9.930 296	4	399	
602	9.719 344	12	9.789 053	17	0.210 947	9.930 291	5	398	
603	9.719 357	13	9.789 070	17	0.210 930	9.930 286	5	397	
		12		17			4		17
604	9.719 369	12	9.789 087	17	0.210 913	9.930 282	4	396	
605	9.719 381	12	9.789 104	17	0.210 896	9.930 277	5	395	1 1.7
606	9.719 394	13	9.789 121	17	0.210 879	9.930 272	5	394	2 3.4
		12		17			4		3 5.1
607	9.719 406	12	9.789 138	17	0.210 862	9.930 268	4	393	4 6.8
608	9.719 418	12	9.789 155	17	0.210 845	9.930 263	5	392	5 8.5
609	9.719 430	12	9.789 172	17	0.210 828	9.930 258	5	391	6 10.2
		13		17			4		7 11.9
.610	9.719 443	12	9.789 189	17	0.210 811	9.930 254	5	.390	8 13.6
		12		17			5		9 15.3
611	9.719 455	12	9.789 206	17	0.210 794	9.930 249	5	389	
612	9.719 467	12	9.789 223	17	0.210 777	9.930 244	5	388	
613	9.719 480	13	9.789 240	17	0.210 760	9.930 240	4	387	
		12		17			5		16
614	9.719 492	12	9.789 257	17	0.210 743	9.930 235	5	386	
615	9.719 504	12	9.789 274	17	0.210 726	9.930 230	5	385	
616	9.719 517	13	9.789 291	17	0.210 709	9.930 226	4	384	
		12		17			5		1 1.6
617	9.719 529	12	9.789 308	17	0.210 692	9.930 221	5	383	2 3.2
618	9.719 541	12	9.789 325	17	0.210 675	9.930 216	5	382	3 4.8
619	9.719 554	13	9.789 342	17	0.210 658	9.930 212	4	381	4 6.4
		12		17			5		5 8.0
.620	9.719 566	12	9.789 359	17	0.210 641	9.930 207	5	.380	6 9.6
		12		17			5		7 11.2
621	9.719 578	13	9.789 376	17	0.210 624	9.930 202	4	379	8 12.8
622	9.719 591	12	9.789 393	17	0.210 607	9.930 198	5	378	9 14.4
623	9.719 603	12	9.789 410	17	0.210 590	9.930 193	5	377	
		12		17			5		
624	9.719 615	12	9.789 427	17	0.210 573	9.930 188	4	376	
625	9.719 627	12	9.789 444	17	0.210 556	9.930 184	4	375	
626	9.719 640	13	9.789 461	17	0.210 539	9.930 179	5	374	
		12		17			5		
627	9.719 652	12	9.789 478	17	0.210 522	9.930 174	4	373	13
628	9.719 664	12	9.789 495	17	0.210 505	9.930 170	4	372	
629	9.719 677	13	9.789 512	17	0.210 488	9.930 165	5	371	1 1.3
		12		17			5		2 2.6
.630	9.719 689	12	9.789 529	17	0.210 471	9.930 160	5	.370	3 3.9
		12		17			4		4 5.2
631	9.719 701	13	9.789 546	17	0.210 454	9.930 156	5	369	5 6.5
632	9.719 714	12	9.789 563	17	0.210 437	9.930 151	5	368	6 7.8
633	9.719 726	12	9.789 580	17	0.210 420	9.930 146	5	367	7 9.1
		12		17			4		8 10.4
634	9.719 738	13	9.789 597	16	0.210 403	9.930 142	5	366	9 11.7
635	9.719 751	12	9.789 613	17	0.210 387	9.930 137	5	365	
636	9.719 763	12	9.789 630	17	0.210 370	9.930 132	5	364	
		12		17			4		
637	9.719 775	12	9.789 647	17	0.210 353	9.930 128	4	363	
638	9.719 787	12	9.789 664	17	0.210 336	9.930 123	5	362	
639	9.719 800	13	9.789 681	17	0.210 319	9.930 118	5	361	
		12		17			4		12
.640	9.719 812	12	9.789 698	17	0.210 302	9.930 114	5	.360	1 1.2
		12		17			5		2 2.4
641	9.719 824	13	9.789 715	17	0.210 285	9.930 109	5	359	3 3.6
642	9.719 837	12	9.789 732	17	0.210 268	9.930 104	5	358	4 4.8
643	9.719 849	12	9.789 749	17	0.210 251	9.930 100	4	357	5 6.0
		12		17			5		6 7.2
644	9.719 861	13	9.789 766	17	0.210 234	9.930 095	5	356	7 8.4
645	9.719 874	12	9.789 783	17	0.210 217	9.930 090	5	355	8 9.6
646	9.719 886	12	9.789 800	17	0.210 200	9.930 086	4	354	9 10.8
		12		17			5		
647	9.719 898	12	9.789 817	17	0.210 183	9.930 081	5	353	
648	9.719 910	12	9.789 834	17	0.210 166	9.930 076	5	352	
649	9.719 923	13	9.789 851	17	0.210 149	9.930 072	4	351	
		12		17			5		
.650	9.719 935	12	9.789 868	17	0.210 132	9.930 067	5	.350	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.400 — 58°.350

31°.650 — 31°.700

31°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.719 935		9.789 868		0.210 132	9.930 067		.350	
651	9.719 947	12	9.789 885	17	0.210 115	9.930 062	5	349	
652	9.719 960	13	9.789 902	17	0.210 098	9.930 058	4	348	
653	9.719 972	12	9.789 919	17	0.210 081	9.930 053	5	347	
654	9.719 984	12	9.789 936	17	0.210 064	9.930 048	5	346	17
655	9.719 997	13	9.789 953	17	0.210 047	9.930 044	4	345	1 1.7
656	9.720 009	12	9.789 970	17	0.210 030	9.930 039	5	344	2 3.4
657	9.720 021	12	9.789 987	17	0.210 013	9.930 034	5	343	3 5.1
658	9.720 033	13	9.790 004	17	0.209 996	9.930 030	4	342	4 6.8
659	9.720 046	12	9.790 021	17	0.209 979	9.930 025	5	341	5 8.5
.660	9.720 058	12	9.790 038	17	0.209 962	9.930 020	5	.340	6 10.2
661	9.720 070	12	9.790 055	17	0.209 945	9.930 016	4	339	7 11.9
662	9.720 083	13	9.790 072	17	0.209 928	9.930 011	5	338	8 13.6
663	9.720 095	12	9.790 089	17	0.209 911	9.930 006	5	337	9 15.3
664	9.720 107	12	9.790 106	17	0.209 894	9.930 002	4	336	
665	9.720 119	12	9.790 123	17	0.209 877	9.929 997	5	335	16
666	9.720 132	13	9.790 140	17	0.209 860	9.929 992	5	334	1 1.6
667	9.720 144	12	9.790 156	16	0.209 844	9.929 988	4	333	2 3.2
668	9.720 156	12	9.790 173	17	0.209 827	9.929 983	5	332	3 4.8
669	9.720 169	13	9.790 190	17	0.209 810	9.929 978	5	331	4 6.4
.670	9.720 181	12	9.790 207	17	0.209 793	9.929 974	4	.330	5 8.0
671	9.720 193	12	9.790 224	17	0.209 776	9.929 969	5	329	6 9.6
672	9.720 205	12	9.790 241	17	0.209 759	9.929 964	5	328	7 11.2
673	9.720 218	13	9.790 258	17	0.209 742	9.929 959	5	327	8 12.8
674	9.720 230	12	9.790 275	17	0.209 725	9.929 955	4	326	9 14.4
675	9.720 242	12	9.790 292	17	0.209 708	9.929 950	5	325	
676	9.720 255	13	9.790 309	17	0.209 691	9.929 945	5	324	
677	9.720 267	12	9.790 326	17	0.209 674	9.929 941	4	323	13
678	9.720 279	12	9.790 343	17	0.209 657	9.929 936	5	322	1 1.3
679	9.720 291	12	9.790 360	17	0.209 640	9.929 931	5	321	2 2.6
.680	9.720 304	13	9.790 377	17	0.209 623	9.929 927	4	.320	3 3.9
681	9.720 316	12	9.790 394	17	0.209 606	9.929 922	5	319	4 5.2
682	9.720 328	12	9.790 411	17	0.209 589	9.929 917	5	318	5 6.5
683	9.720 341	13	9.790 428	17	0.209 572	9.929 913	4	317	6 7.8
684	9.720 353	12	9.790 445	17	0.209 555	9.929 908	5	316	7 9.1
685	9.720 365	12	9.790 462	17	0.209 538	9.929 903	5	315	8 10.4
686	9.720 377	12	9.790 479	17	0.209 521	9.929 899	4	314	9 11.7
687	9.720 390	13	9.790 496	17	0.209 504	9.929 894	5	313	
688	9.720 402	12	9.790 513	17	0.209 487	9.929 889	5	312	
689	9.720 414	12	9.790 530	17	0.209 470	9.929 885	4	311	12
.690	9.720 427	13	9.790 547	17	0.209 453	9.929 880	5	.310	1 1.2
691	9.720 439	12	9.790 564	17	0.209 436	9.929 875	5	309	2 2.4
692	9.720 451	12	9.790 580	16	0.209 420	9.929 871	4	308	3 3.6
693	9.720 463	12	9.790 597	17	0.209 403	9.929 866	5	307	4 4.8
694	9.720 476	13	9.790 614	17	0.209 386	9.929 861	5	306	5 6.0
695	9.720 488	12	9.790 631	17	0.209 369	9.929 857	4	305	6 7.2
696	9.720 500	12	9.790 648	17	0.209 352	9.929 852	5	304	7 8.4
697	9.720 512	12	9.790 665	17	0.209 335	9.929 847	5	303	8 9.6
698	9.720 525	13	9.790 682	17	0.209 318	9.929 843	4	302	9 10.8
699	9.720 537	12	9.790 699	17	0.209 301	9.929 838	5	301	
.700	9.720 549	12	9.790 716	17	0.209 284	9.929 833	5	.300	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.350 — 58°.300

31°.700 — 31°.750

31°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.720 549		9.790 716		0.209 284	9.929 833		.300	
701	9.720 562	13	9.790 733	17	0.209 267	9.929 828	5	299	
702	9.720 574	12	9.790 750	17	0.209 250	9.929 824	4	298	
703	9.720 586	12	9.790 767	17	0.209 233	9.929 819	5	297	
704	9.720 598	12	9.790 784	17	0.209 216	9.929 814	5	296	17
705	9.720 611	13	9.790 801	17	0.209 199	9.929 810	4	295	1 1.7
706	9.720 623	12	9.790 818	17	0.209 182	9.929 805	5	294	2 3.4
707	9.720 635	12	9.790 835	17	0.209 165	9.929 800	5	293	3 5.1
708	9.720 647	12	9.790 852	17	0.209 148	9.929 796	4	292	4 6.8
709	9.720 660	13	9.790 869	17	0.209 131	9.929 791	5	291	5 8.5
.710	9.720 672	12	9.790 886	17	0.209 114	9.929 786	5	.290	6 10.2
711	9.720 684	12	9.790 903	17	0.209 097	9.929 782	4	289	7 11.9
712	9.720 697	13	9.790 920	17	0.209 080	9.929 777	5	288	8 13.6
713	9.720 709	12	9.790 937	17	0.209 063	9.929 772	5	287	9 15.3
714	9.720 721	12	9.790 953	16	0.209 047	9.929 768	4	286	
715	9.720 733	12	9.790 970	17	0.209 030	9.929 763	5	285	16
716	9.720 746	13	9.790 987	17	0.209 013	9.929 758	5	284	
717	9.720 758	12	9.791 004	17	0.208 996	9.929 754	4	283	1 1.6
718	9.720 770	12	9.791 021	17	0.208 979	9.929 749	5	282	2 3.2
719	9.720 782	12	9.791 038	17	0.208 962	9.929 744	5	281	3 4.8
.720	9.720 795	13	9.791 055	17	0.208 945	9.929 739	5	.280	4 6.4
721	9.720 807	12	9.791 072	17	0.208 928	9.929 735	4	279	5 8.0
722	9.720 819	12	9.791 089	17	0.208 911	9.929 730	5	278	6 9.6
723	9.720 831	12	9.791 106	17	0.208 894	9.929 725	5	277	7 11.2
724	9.720 844	13	9.791 123	17	0.208 877	9.929 721	4	276	8 12.8
725	9.720 856	12	9.791 140	17	0.208 860	9.929 716	5	275	9 14.4
726	9.720 868	12	9.791 157	17	0.208 843	9.929 711	5	274	
727	9.720 880	12	9.791 174	17	0.208 826	9.929 707	4	273	13
728	9.720 893	13	9.791 191	17	0.208 809	9.929 702	5	272	
729	9.720 905	12	9.791 208	17	0.208 792	9.929 697	5	271	1 1.3
.730	9.720 917	12	9.791 225	17	0.208 775	9.929 693	4	.270	2 2.6
731	9.720 930	13	9.791 242	17	0.208 758	9.929 688	5	269	3 3.9
732	9.720 942	12	9.791 259	17	0.208 741	9.929 683	5	268	4 5.2
733	9.720 954	12	9.791 275	16	0.208 725	9.929 679	4	267	5 6.5
734	9.720 966	12	9.791 292	17	0.208 708	9.929 674	5	266	6 7.8
735	9.720 979	13	9.791 309	17	0.208 691	9.929 669	5	265	7 9.1
736	9.720 991	12	9.791 326	17	0.208 674	9.929 665	4	264	8 10.4
737	9.721 003	12	9.791 343	17	0.208 657	9.929 660	5	263	9 11.7
738	9.721 015	12	9.791 360	17	0.208 640	9.929 655	4	262	
739	9.721 028	13	9.791 377	17	0.208 623	9.929 650	5	261	
.740	9.721 040	12	9.791 394	17	0.208 606	9.929 646	4	.260	12
741	9.721 052	12	9.791 411	17	0.208 589	9.929 641	5	259	1 1.2
742	9.721 064	12	9.791 428	17	0.208 572	9.929 636	5	258	2 2.4
743	9.721 077	13	9.791 445	17	0.208 555	9.929 632	4	257	3 3.6
744	9.721 089	12	9.791 462	17	0.208 538	9.929 627	5	256	4 4.8
745	9.721 101	12	9.791 479	17	0.208 521	9.929 622	5	255	5 6.0
746	9.721 113	12	9.791 496	17	0.208 504	9.929 618	4	254	6 7.2
747	9.721 126	13	9.791 513	17	0.208 487	9.929 613	5	253	7 8.4
748	9.721 138	12	9.791 530	17	0.208 470	9.929 608	5	252	8 9.6
749	9.721 150	12	9.791 547	17	0.208 453	9.929 604	4	251	9 10.8
.750	9.721 162	12	9.791 563	16	0.208 437	9.929 599	5	.250	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.300 — 58°.250

31°.750 — 31°.800

31°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.721 162		9.791 563		0.208 437	9.929 599		.250	
751	9.721 175	13	9.791 580	17	0.208 420	9.929 594	5	249	
752	9.721 187	12	9.791 597	17	0.208 403	9.929 589	5	248	
753	9.721 199	12	9.791 614	17	0.208 386	9.929 585	4	247	
754	9.721 211	12	9.791 631	17	0.208 369	9.929 580	5	246	17
755	9.721 224	13	9.791 648	17	0.208 352	9.929 575	5	245	1 1.7
756	9.721 236	12	9.791 665	17	0.208 335	9.929 571	4	244	2 3.4
757	9.721 248	12	9.791 682	17	0.208 318	9.929 566	5	243	3 5.1
758	9.721 260	12	9.791 699	17	0.208 301	9.929 561	5	242	4 6.8
759	9.721 273	13	9.791 716	17	0.208 284	9.929 557	4	241	5 8.5
.760	9.721 285	12	9.791 733	17	0.208 267	9.929 552	5	.240	6 10.2
761	9.721 297	12	9.791 750	17	0.208 250	9.929 547	5	239	7 11.9
762	9.721 309	12	9.791 767	17	0.208 233	9.929 543	4	238	8 13.6
763	9.721 322	13	9.791 784	17	0.208 216	9.929 538	5	237	9 15.3
764	9.721 334	12	9.791 801	17	0.208 199	9.929 533	5	236	
765	9.721 346	12	9.791 818	17	0.208 182	9.929 528	5	235	16
766	9.721 358	12	9.791 834	16	0.208 166	9.929 524	4	234	1 1.6
767	9.721 370	12	9.791 851	17	0.208 149	9.929 519	5	233	2 3.2
768	9.721 383	13	9.791 868	17	0.208 132	9.929 514	5	232	3 4.8
769	9.721 395	12	9.791 885	17	0.208 115	9.929 510	4	231	4 6.4
.770	9.721 407	12	9.791 902	17	0.208 098	9.929 505	5	.230	5 8.0
771	9.721 419	12	9.791 919	17	0.208 081	9.929 500	5	229	6 9.6
772	9.721 432	13	9.791 936	17	0.208 064	9.929 496	4	228	7 11.2
773	9.721 444	12	9.791 953	17	0.208 047	9.929 491	5	227	8 12.8
774	9.721 456	12	9.791 970	17	0.208 030	9.929 486	5	226	9 14.4
775	9.721 468	12	9.791 987	17	0.208 013	9.929 482	4	225	
776	9.721 481	13	9.792 004	17	0.207 996	9.929 477	5	224	
777	9.721 493	12	9.792 021	17	0.207 979	9.929 472	5	223	13
778	9.721 505	12	9.792 038	17	0.207 962	9.929 467	5	222	1 1.3
779	9.721 517	12	9.792 055	17	0.207 945	9.929 463	4	221	2 2.6
.780	9.721 530	13	9.792 072	17	0.207 928	9.929 458	5	.220	3 3.9
781	9.721 542	12	9.792 088	16	0.207 912	9.929 453	5	219	4 5.2
782	9.721 554	12	9.792 105	17	0.207 895	9.929 449	4	218	5 6.5
783	9.721 566	12	9.792 122	17	0.207 878	9.929 444	5	217	6 7.8
784	9.721 579	13	9.792 139	17	0.207 861	9.929 439	5	216	7 9.1
785	9.721 591	12	9.792 156	17	0.207 844	9.929 435	4	215	8 10.4
786	9.721 603	12	9.792 173	17	0.207 827	9.929 430	5	214	9 11.7
787	9.721 615	12	9.792 190	17	0.207 810	9.929 425	5	213	
788	9.721 627	12	9.792 207	17	0.207 793	9.929 420	5	212	
789	9.721 640	13	9.792 224	17	0.207 776	9.929 416	4	211	12
.790	9.721 652	12	9.792 241	17	0.207 759	9.929 411	5	.210	1 1.2
791	9.721 664	12	9.792 258	17	0.207 742	9.929 406	5	209	2 2.4
792	9.721 676	12	9.792 275	17	0.207 725	9.929 402	4	208	3 3.6
793	9.721 689	13	9.792 292	17	0.207 708	9.929 397	5	207	4 4.8
794	9.721 701	12	9.792 309	17	0.207 691	9.929 392	5	206	5 6.0
795	9.721 713	12	9.792 325	16	0.207 675	9.929 388	4	205	6 7.2
796	9.721 725	12	9.792 342	17	0.207 658	9.929 383	5	204	7 8.4
797	9.721 738	13	9.792 359	17	0.207 641	9.929 378	5	203	8 9.6
798	9.721 750	12	9.792 376	17	0.207 624	9.929 373	5	202	9 10.8
799	9.721 762	12	9.792 393	17	0.207 607	9.929 369	4	201	
.800	9.721 774	12	9.792 410	17	0.207 590	9.929 364	5	.200	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.250 — 58°.200

31°.800 — 31°.850

31°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.721 774		9.792 410		0.207 590	9.929 364		.200	
801	9.721 786	12	9.792 427	17	0.207 573	9.929 359	5	199	
802	9.721 799	13	9.792 444	17	0.207 556	9.929 355	4	198	
803	9.721 811	12	9.792 461	17	0.207 539	9.929 350	5	197	
804	9.721 823	12	9.792 478	17	0.207 522	9.929 345	5	196	17
805	9.721 835	12	9.792 495	17	0.207 505	9.929 341	4	195	1 1.7
806	9.721 848	13	9.792 512	17	0.207 488	9.929 336	5	194	2 3.4
807	9.721 860	12	9.792 529	17	0.207 471	9.929 331	5	193	3 5.1
808	9.721 872	12	9.792 545	16	0.207 455	9.929 326	5	192	4 6.8
809	9.721 884	12	9.792 562	17	0.207 438	9.929 322	4	191	5 8.5
.810	9.721 896	12	9.792 579	17	0.207 421	9.929 317	5	.190	6 10.2
811	9.721 909	13	9.792 596	17	0.207 404	9.929 312	5	189	7 11.9
812	9.721 921	12	9.792 613	17	0.207 387	9.929 308	4	188	8 13.6
813	9.721 933	12	9.792 630	17	0.207 370	9.929 303	5	187	9 15.3
814	9.721 945	12	9.792 647	17	0.207 353	9.929 298	5	186	
815	9.721 958	13	9.792 664	17	0.207 336	9.929 294	4	185	16
816	9.721 970	12	9.792 681	17	0.207 319	9.929 289	5	184	1 1.6
817	9.721 982	12	9.792 698	17	0.207 302	9.929 284	5	183	2 3.2
818	9.721 994	12	9.792 715	17	0.207 285	9.929 279	5	182	3 4.8
819	9.722 006	12	9.792 732	17	0.207 268	9.929 275	4	181	4 6.4
.820	9.722 019	13	9.792 749	17	0.207 251	9.929 270	5	.180	5 8.0
821	9.722 031	12	9.792 765	16	0.207 235	9.929 265	5	179	6 9.6
822	9.722 043	12	9.792 782	17	0.207 218	9.929 261	4	178	7 11.2
823	9.722 055	12	9.792 799	17	0.207 201	9.929 256	5	177	8 12.8
824	9.722 067	12	9.792 816	17	0.207 184	9.929 251	5	176	9 14.4
825	9.722 080	13	9.792 833	17	0.207 167	9.929 247	4	175	
826	9.722 092	12	9.792 850	17	0.207 150	9.929 242	5	174	
827	9.722 104	12	9.792 867	17	0.207 133	9.929 237	5	173	13
828	9.722 116	12	9.792 884	17	0.207 116	9.929 232	5	172	1 1.3
829	9.722 129	13	9.792 901	17	0.207 099	9.929 228	4	171	2 2.6
.830	9.722 141	12	9.792 918	17	0.207 082	9.929 223	5	.170	3 3.9
831	9.722 153	12	9.792 935	17	0.207 065	9.929 218	5	169	4 5.2
832	9.722 165	12	9.792 952	17	0.207 048	9.929 214	4	168	5 6.5
833	9.722 177	12	9.792 968	16	0.207 032	9.929 209	5	167	6 7.8
834	9.722 190	13	9.792 985	17	0.207 015	9.929 204	5	166	7 9.1
835	9.722 202	12	9.793 002	17	0.206 998	9.929 199	5	165	8 10.4
836	9.722 214	12	9.793 019	17	0.206 981	9.929 195	4	164	9 11.7
837	9.722 226	12	9.793 036	17	0.206 964	9.929 190	5	163	
838	9.722 238	12	9.793 053	17	0.206 947	9.929 185	5	162	
839	9.722 251	13	9.793 070	17	0.206 930	9.929 181	4	161	12
.840	9.722 263	12	9.793 087	17	0.206 913	9.929 176	5	.160	1 1.2
841	9.722 275	12	9.793 104	17	0.206 896	9.929 171	5	159	2 2.4
842	9.722 287	12	9.793 121	17	0.206 879	9.929 167	4	158	3 3.6
843	9.722 299	12	9.793 138	17	0.206 862	9.929 162	5	157	4 4.8
844	9.722 312	13	9.793 154	16	0.206 846	9.929 157	5	156	5 6.0
845	9.722 324	12	9.793 171	17	0.206 829	9.929 152	5	155	6 7.2
846	9.722 336	12	9.793 188	17	0.206 812	9.929 148	4	154	7 8.4
847	9.722 348	12	9.793 205	17	0.206 795	9.929 143	5	153	8 9.6
848	9.722 360	12	9.793 222	17	0.206 778	9.929 138	5	152	9 10.8
849	9.722 373	13	9.793 239	17	0.206 761	9.929 134	4	151	
.850	9.722 385	12	9.793 256	17	0.206 744	9.929 129	5	.150	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.200 — 58°.150

31°.850 — 31°.900

31°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.722 385		9.793 256		0.206 744	9.929 129		.150	
851	9.722 397	12	9.793 273	17	0.206 727	9.929 124	5	149	
852	9.722 409	12	9.793 290	17	0.206 710	9.929 119	5	148	
853	9.722 421	12	9.793 307	17	0.206 693	9.929 115	4	147	
854	9.722 434	13	9.793 324	17	0.206 676	9.929 110	5	146	17
855	9.722 446	12	9.793 341	17	0.206 659	9.929 105	5	145	1 1.7
856	9.722 458	12	9.793 357	16	0.206 643	9.929 101	4	144	2 3.4
857	9.722 470	12	9.793 374	17	0.206 626	9.929 096	5	143	3 5.1
858	9.722 482	12	9.793 391	17	0.206 609	9.929 091	5	142	4 6.8
859	9.722 495	13	9.793 408	17	0.206 592	9.929 086	5	141	5 8.5
.860	9.722 507	12	9.793 425	17	0.206 575	9.929 082	4	.140	6 10.2
861	9.722 519	12	9.793 442	17	0.206 558	9.929 077	5	139	7 11.9
862	9.722 531	12	9.793 459	17	0.206 541	9.929 072	5	138	8 13.6
863	9.722 543	12	9.793 476	17	0.206 524	9.929 068	4	137	9 15.3
864	9.722 556	13	9.793 493	17	0.206 507	9.929 063	5	136	
865	9.722 568	12	9.793 510	17	0.206 490	9.929 058	5	135	16
866	9.722 580	12	9.793 526	16	0.206 474	9.929 054	4	134	1 1.6
867	9.722 592	12	9.793 543	17	0.206 457	9.929 049	5	133	2 3.2
868	9.722 604	12	9.793 560	17	0.206 440	9.929 044	5	132	3 4.8
869	9.722 617	13	9.793 577	17	0.206 423	9.929 039	5	131	4 6.4
.870	9.722 629	12	9.793 594	17	0.206 406	9.929 035	4	.130	5 8.0
871	9.722 641	12	9.793 611	17	0.206 389	9.929 030	5	129	6 9.6
872	9.722 653	12	9.793 628	17	0.206 372	9.929 025	5	128	7 11.2
873	9.722 665	12	9.793 645	17	0.206 355	9.929 021	4	127	8 12.8
874	9.722 678	13	9.793 662	17	0.206 338	9.929 016	5	126	9 14.4
875	9.722 690	12	9.793 679	17	0.206 321	9.929 011	5	125	
876	9.722 702	12	9.793 696	17	0.206 304	9.929 006	5	124	
877	9.722 714	12	9.793 712	16	0.206 288	9.929 002	4	123	13
878	9.722 726	12	9.793 729	17	0.206 271	9.928 997	5	122	1 1.3
879	9.722 738	12	9.793 746	17	0.206 254	9.928 992	5	121	2 2.6
.880	9.722 751	13	9.793 763	17	0.206 237	9.928 988	4	.120	3 3.9
881	9.722 763	12	9.793 780	17	0.206 220	9.928 983	5	119	4 5.2
882	9.722 775	12	9.793 797	17	0.206 203	9.928 978	5	118	5 6.5
883	9.722 787	12	9.793 814	17	0.206 186	9.928 973	5	117	6 7.8
884	9.722 799	12	9.793 831	17	0.206 169	9.928 969	4	116	7 9.1
885	9.722 812	13	9.793 848	17	0.206 152	9.928 964	5	115	8 10.4
886	9.722 824	12	9.793 865	17	0.206 135	9.928 959	5	114	9 11.7
887	9.722 836	12	9.793 881	16	0.206 119	9.928 955	4	113	
888	9.722 848	12	9.793 898	17	0.206 102	9.928 950	5	112	
889	9.722 860	12	9.793 915	17	0.206 085	9.928 945	5	111	12
.890	9.722 873	13	9.793 932	17	0.206 068	9.928 940	5	.110	1 1.2
891	9.722 885	12	9.793 949	17	0.206 051	9.928 936	4	109	2 2.4
892	9.722 897	12	9.793 966	17	0.206 034	9.928 931	5	108	3 3.6
893	9.722 909	12	9.793 983	17	0.206 017	9.928 926	5	107	4 4.8
894	9.722 921	12	9.794 000	17	0.206 000	9.928 922	4	106	5 6.0
895	9.722 933	12	9.794 017	17	0.205 983	9.928 917	5	105	6 7.2
896	9.722 946	13	9.794 034	17	0.205 966	9.928 912	5	104	7 8.4
897	9.722 958	12	9.794 050	16	0.205 950	9.928 907	5	103	8 9.6
898	9.722 970	12	9.794 067	17	0.205 933	9.928 903	4	102	9 10.8
899	9.722 982	12	9.794 084	17	0.205 916	9.928 898	5	101	
.900	9.722 994	12	9.794 101	17	0.205 899	9.928 893	5	.100	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.150 — 58°.100

31°.900 — 31°.950

31°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.722 994		9.794 101		0.205 899	9.928 893		.100	
901	9.723 006	12	9.794 118	17	0.205 882	9.928 888	5	099	
902	9.723 019	13	9.794 135	17	0.205 865	9.928 884	4	098	
903	9.723 031	12	9.794 152	17	0.205 848	9.928 879	5	097	
904	9.723 043	12	9.794 169	17	0.205 831	9.928 874	5	096	17
905	9.723 055	12	9.794 186	17	0.205 814	9.928 870	4	095	1 1.7
906	9.723 067	12	9.794 202	16	0.205 798	9.928 865	5	094	2 3.4
907	9.723 080	13	9.794 219	17	0.205 781	9.928 860	5	093	3 5.1
908	9.723 092	12	9.794 236	17	0.205 764	9.928 855	5	092	4 6.8
909	9.723 104	12	9.794 253	17	0.205 747	9.928 851	4	091	5 8.5
.910	9.723 116	12	9.794 270	17	0.205 730	9.928 846	5	.090	6 10.2
911	9.723 128	12	9.794 287	17	0.205 713	9.928 841	5	089	7 11.9
912	9.723 140	12	9.794 304	17	0.205 696	9.928 837	4	088	8 13.6
913	9.723 153	13	9.794 321	17	0.205 679	9.928 832	5	087	9 15.3
914	9.723 165	12	9.794 338	17	0.205 662	9.928 827	5	086	
915	9.723 177	12	9.794 355	17	0.205 645	9.928 822	5	085	
916	9.723 189	12	9.794 371	16	0.205 629	9.928 818	4	084	16
917	9.723 201	12	9.794 388	17	0.205 612	9.928 813	5	083	1 1.6
918	9.723 213	12	9.794 405	17	0.205 595	9.928 808	5	082	2 3.2
919	9.723 226	13	9.794 422	17	0.205 578	9.928 804	4	081	3 4.8
.920	9.723 238	12	9.794 439	17	0.205 561	9.928 799	5	.080	4 6.4
921	9.723 250	12	9.794 456	17	0.205 544	9.928 794	5	079	5 8.0
922	9.723 262	12	9.794 473	17	0.205 527	9.928 789	5	078	6 9.6
923	9.723 274	12	9.794 490	17	0.205 510	9.928 785	4	077	7 11.2
924	9.723 286	12	9.794 507	17	0.205 493	9.928 780	5	076	8 12.8
925	9.723 299	13	9.794 523	16	0.205 477	9.928 775	5	075	9 14.4
926	9.723 311	12	9.794 540	17	0.205 460	9.928 770	5	074	
927	9.723 323	12	9.794 557	17	0.205 443	9.928 766	4	073	
928	9.723 335	12	9.794 574	17	0.205 426	9.928 761	5	072	13
929	9.723 347	12	9.794 591	17	0.205 409	9.928 756	5	071	1 1.3
.930	9.723 359	12	9.794 608	17	0.205 392	9.928 752	4	.070	2 2.6
931	9.723 372	13	9.794 625	17	0.205 375	9.928 747	5	069	3 3.9
932	9.723 384	12	9.794 642	17	0.205 358	9.928 742	5	068	4 5.2
933	9.723 396	12	9.794 659	17	0.205 341	9.928 737	5	067	5 6.5
934	9.723 408	12	9.794 675	16	0.205 325	9.928 733	4	066	6 7.8
935	9.723 420	12	9.794 692	17	0.205 308	9.928 728	5	065	7 9.1
936	9.723 432	12	9.794 709	17	0.205 291	9.928 723	5	064	8 10.4
937	9.723 445	13	9.794 726	17	0.205 274	9.928 719	4	063	9 11.7
938	9.723 457	12	9.794 743	17	0.205 257	9.928 714	5	062	
939	9.723 469	12	9.794 760	17	0.205 240	9.928 709	5	061	
.940	9.723 481	12	9.794 777	17	0.205 223	9.928 704	5	.060	12
941	9.723 493	12	9.794 794	17	0.205 206	9.928 700	4	059	1 1.2
942	9.723 505	12	9.794 810	16	0.205 190	9.928 695	5	058	2 2.4
943	9.723 518	13	9.794 827	17	0.205 173	9.928 690	5	057	3 3.6
944	9.723 530	12	9.794 844	17	0.205 156	9.928 685	5	056	4 4.8
945	9.723 542	12	9.794 861	17	0.205 139	9.928 681	4	055	5 6.0
946	9.723 554	12	9.794 878	17	0.205 122	9.928 676	5	054	6 7.2
947	9.723 566	12	9.794 895	17	0.205 105	9.928 671	5	053	7 8.4
948	9.723 578	12	9.794 912	17	0.205 088	9.928 667	4	052	8 9.6
949	9.723 590	12	9.794 929	17	0.205 071	9.928 662	5	051	9 10.8
.950	9.723 603	13	9.794 946	17	0.205 054	9.928 657	5	.050	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

58°.100 — 58°.050

31°.950 — 32°.000

31°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.723 603	12	9.794 946	16	0.205 054	9.928 657	5	.050	
951	9.723 615	12	9.794 962	17	0.205 038	9.928 652	4	049	
952	9.723 627	12	9.794 979	17	0.205 021	9.928 648	5	048	
953	9.723 639	12	9.794 996	17	0.205 004	9.928 643	5	047	
954	9.723 651	12	9.795 013	17	0.204 987	9.928 638	5	046	
955	9.723 663	12	9.795 030	17	0.204 970	9.928 633	5	045	
956	9.723 676	13	9.795 047	17	0.204 953	9.928 629	4	044	
957	9.723 688	12	9.795 064	17	0.204 936	9.928 624	5	043	
958	9.723 700	12	9.795 081	17	0.204 919	9.928 619	5	042	
959	9.723 712	12	9.795 097	16	0.204 903	9.928 615	4	041	
.960	9.723 724	12	9.795 114	17	0.204 886	9.928 610	5	.040	
961	9.723 736	12	9.795 131	17	0.204 869	9.928 605	5	039	
962	9.723 748	12	9.795 148	17	0.204 852	9.928 600	5	038	
963	9.723 761	13	9.795 165	17	0.204 835	9.928 596	4	037	
964	9.723 773	12	9.795 182	17	0.204 818	9.928 591	5	036	
965	9.723 785	12	9.795 199	17	0.204 801	9.928 586	5	035	
966	9.723 797	12	9.795 216	17	0.204 784	9.928 581	5	034	
967	9.723 809	12	9.795 232	16	0.204 768	9.928 577	4	033	
968	9.723 821	12	9.795 249	17	0.204 751	9.928 572	5	032	
969	9.723 833	12	9.795 266	17	0.204 734	9.928 567	5	031	
.970	9.723 846	13	9.795 283	17	0.204 717	9.928 562	5	.030	
971	9.723 858	12	9.795 300	17	0.204 700	9.928 558	4	029	
972	9.723 870	12	9.795 317	17	0.204 683	9.928 553	5	028	
973	9.723 882	12	9.795 334	17	0.204 666	9.928 548	5	027	
974	9.723 894	12	9.795 351	17	0.204 649	9.928 544	4	026	
975	9.723 906	12	9.795 367	16	0.204 633	9.928 539	5	025	
976	9.723 918	12	9.795 384	17	0.204 616	9.928 534	5	024	
977	9.723 931	13	9.795 401	17	0.204 599	9.928 529	5	023	
978	9.723 943	12	9.795 418	17	0.204 582	9.928 525	4	022	
979	9.723 955	12	9.795 435	17	0.204 565	9.928 520	5	021	
.980	9.723 967	12	9.795 452	17	0.204 548	9.928 515	5	.020	
981	9.723 979	12	9.795 469	17	0.204 531	9.928 510	5	019	
982	9.723 991	12	9.795 486	17	0.204 514	9.928 506	4	018	
983	9.724 003	12	9.795 502	16	0.204 498	9.928 501	5	017	
984	9.724 016	13	9.795 519	17	0.204 481	9.928 496	5	016	
985	9.724 028	12	9.795 536	17	0.204 464	9.928 492	4	015	
986	9.724 040	12	9.795 553	17	0.204 447	9.928 487	5	014	
987	9.724 052	12	9.795 570	17	0.204 430	9.928 482	5	013	
988	9.724 064	12	9.795 587	17	0.204 413	9.928 477	5	012	
989	9.724 076	12	9.795 604	17	0.204 396	9.928 473	4	011	
.990	9.724 088	12	9.795 621	17	0.204 379	9.928 468	5	.010	
991	9.724 101	13	9.795 637	16	0.204 363	9.928 463	5	009	
992	9.724 113	12	9.795 654	17	0.204 346	9.928 458	5	008	
993	9.724 125	12	9.795 671	17	0.204 329	9.928 454	4	007	
994	9.724 137	12	9.795 688	17	0.204 312	9.928 449	5	006	
995	9.724 149	12	9.795 705	17	0.204 295	9.928 444	5	005	
996	9.724 161	12	9.795 722	17	0.204 278	9.928 439	5	004	
997	9.724 173	12	9.795 739	17	0.204 261	9.928 435	4	003	
998	9.724 185	12	9.795 755	16	0.204 245	9.928 430	5	002	
999	9.724 198	13	9.795 772	17	0.204 228	9.928 425	5	001	
*.000	9.724 210	12	9.795 789	17	0.204 211	9.928 420	5	.000	
	cos	d	cotg	d	tang	sin	d	58°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

58°.050 — 58°.000

32°.000 — 32°.050

32°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.724 210		9.795 789		0.204 211	9.928 420		*.000	
001	9.724 222	12	9.795 806	17	0.204 194	9.928 416	4	999	
002	9.724 234	12	9.795 823	17	0.204 177	9.928 411	5	998	
003	9.724 246	12	9.795 840	17	0.204 160	9.928 406	5	997	
004	9.724 258	12	9.795 857	17	0.204 143	9.928 402	4	996	
005	9.724 270	12	9.795 874	17	0.204 126	9.928 397	5	995	
006	9.724 282	12	9.795 890	16	0.204 110	9.928 392	5	994	
007	9.724 295	13	9.795 907	17	0.204 093	9.928 387	5	993	
008	9.724 307	12	9.795 924	17	0.204 076	9.928 383	4	992	
009	9.724 319	12	9.795 941	17	0.204 059	9.928 378	5	991	
.010	9.724 331	12	9.795 958	17	0.204 042	9.928 373	5	.990	
011	9.724 343	12	9.795 975	17	0.204 025	9.928 368	5	989	
012	9.724 355	12	9.795 992	17	0.204 008	9.928 364	4	988	
013	9.724 367	12	9.796 008	16	0.203 992	9.928 359	5	987	
014	9.724 379	12	9.796 025	17	0.203 975	9.928 354	5	986	
015	9.724 392	13	9.796 042	17	0.203 958	9.928 349	5	985	
016	9.724 404	12	9.796 059	17	0.203 941	9.928 345	4	984	
017	9.724 416	12	9.796 076	17	0.203 924	9.928 340	5	983	
018	9.724 428	12	9.796 093	17	0.203 907	9.928 335	5	982	
019	9.724 440	12	9.796 110	17	0.203 890	9.928 330	5	981	
.020	9.724 452	12	9.796 127	17	0.203 873	9.928 326	4	.980	
021	9.724 464	12	9.796 143	16	0.203 857	9.928 321	5	979	
022	9.724 476	12	9.796 160	17	0.203 840	9.928 316	5	978	
023	9.724 489	13	9.796 177	17	0.203 823	9.928 311	5	977	
024	9.724 501	12	9.796 194	17	0.203 806	9.928 307	4	976	
025	9.724 513	12	9.796 211	17	0.203 789	9.928 302	5	975	
026	9.724 525	12	9.796 228	17	0.203 772	9.928 297	5	974	
027	9.724 537	12	9.796 245	17	0.203 755	9.928 293	4	973	
028	9.724 549	12	9.796 261	16	0.203 739	9.928 288	5	972	
029	9.724 561	12	9.796 278	17	0.203 722	9.928 283	5	971	
.030	9.724 573	12	9.796 295	17	0.203 705	9.928 278	5	.970	
031	9.724 586	13	9.796 312	17	0.203 688	9.928 274	4	969	
032	9.724 598	12	9.796 329	17	0.203 671	9.928 269	5	968	
033	9.724 610	12	9.796 346	17	0.203 654	9.928 264	5	967	
034	9.724 622	12	9.796 363	17	0.203 637	9.928 259	5	966	
035	9.724 634	12	9.796 379	16	0.203 621	9.928 255	4	965	
036	9.724 646	12	9.796 396	17	0.203 604	9.928 250	5	964	
037	9.724 658	12	9.796 413	17	0.203 587	9.928 245	5	963	
038	9.724 670	12	9.796 430	17	0.203 570	9.928 240	5	962	
039	9.724 682	12	9.796 447	17	0.203 553	9.928 236	4	961	
.040	9.724 695	13	9.796 464	17	0.203 536	9.928 231	5	.960	
041	9.724 707	12	9.796 481	17	0.203 519	9.928 226	5	959	
042	9.724 719	12	9.796 497	16	0.203 503	9.928 221	5	958	
043	9.724 731	12	9.796 514	17	0.203 486	9.928 217	4	957	
044	9.724 743	12	9.796 531	17	0.203 469	9.928 212	5	956	
045	9.724 755	12	9.796 548	17	0.203 452	9.928 207	5	955	
046	9.724 767	12	9.796 565	17	0.203 435	9.928 202	5	954	
047	9.724 779	12	9.796 582	17	0.203 418	9.928 198	4	953	
048	9.724 791	12	9.796 598	16	0.203 402	9.928 193	5	952	
049	9.724 804	13	9.796 615	17	0.203 385	9.928 188	5	951	
.050	9.724 816	12	9.796 632	17	0.203 368	9.928 183	5	.950	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

32°.050 — 32°.100

32°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.724 816		9.796 632		0.203 368	9.928 183		.950	
051	9.724 828	12	9.796 649	17	0.203 351	9.928 179	4	949	
052	9.724 840	12	9.796 666	17	0.203 334	9.928 174	5	948	
053	9.724 852	12	9.796 683	17	0.203 317	9.928 169	5	947	
054	9.724 864	12	9.796 700	17	0.203 300	9.928 164	5	946	
055	9.724 876	12	9.796 716	16	0.203 284	9.928 160	4	945	
056	9.724 888	12	9.796 733	17	0.203 267	9.928 155	5	944	
057	9.724 900	12	9.796 750	17	0.203 250	9.928 150	5	943	
058	9.724 912	12	9.796 767	17	0.203 233	9.928 145	5	942	
059	9.724 925	13	9.796 784	17	0.203 216	9.928 141	4	941	
.060	9.724 937	12	9.796 801	17	0.203 199	9.928 136	5	.940	
061	9.724 949	12	9.796 818	17	0.203 182	9.928 131	5	939	
062	9.724 961	12	9.796 834	16	0.203 166	9.928 126	5	938	
063	9.724 973	12	9.796 851	17	0.203 149	9.928 122	4	937	
064	9.724 985	12	9.796 868	17	0.203 132	9.928 117	5	936	
065	9.724 997	12	9.796 885	17	0.203 115	9.928 112	5	935	
066	9.725 009	12	9.796 902	17	0.203 098	9.928 107	5	934	
067	9.725 021	12	9.796 919	17	0.203 081	9.928 103	4	933	
068	9.725 033	12	9.796 936	17	0.203 064	9.928 098	5	932	
069	9.725 046	13	9.796 952	16	0.203 048	9.928 093	5	931	
.070	9.725 058	12	9.796 969	17	0.203 031	9.928 088	5	.930	
071	9.725 070	12	9.796 986	17	0.203 014	9.928 084	4	929	
072	9.725 082	12	9.797 003	17	0.202 997	9.928 079	5	928	
073	9.725 094	12	9.797 020	17	0.202 980	9.928 074	5	927	
074	9.725 106	12	9.797 037	17	0.202 963	9.928 069	5	926	
075	9.725 118	12	9.797 053	16	0.202 947	9.928 065	4	925	
076	9.725 130	12	9.797 070	17	0.202 930	9.928 060	5	924	
077	9.725 142	12	9.797 087	17	0.202 913	9.928 055	5	923	
078	9.725 154	12	9.797 104	17	0.202 896	9.928 050	5	922	
079	9.725 167	13	9.797 121	17	0.202 879	9.928 046	4	921	
.080	9.725 179	12	9.797 138	17	0.202 862	9.928 041	5	.920	
081	9.725 191	12	9.797 154	16	0.202 846	9.928 036	5	919	
082	9.725 203	12	9.797 171	17	0.202 829	9.928 031	5	918	
083	9.725 215	12	9.797 188	17	0.202 812	9.928 027	4	917	
084	9.725 227	12	9.797 205	17	0.202 795	9.928 022	5	916	
085	9.725 239	12	9.797 222	17	0.202 778	9.928 017	5	915	
086	9.725 251	12	9.797 239	17	0.202 761	9.928 012	5	914	
087	9.725 263	12	9.797 256	17	0.202 744	9.928 008	4	913	
088	9.725 275	12	9.797 272	16	0.202 728	9.928 003	5	912	
089	9.725 287	12	9.797 289	17	0.202 711	9.927 998	5	911	
.090	9.725 300	13	9.797 306	17	0.202 694	9.927 993	5	.910	
091	9.725 312	12	9.797 323	17	0.202 677	9.927 989	4	909	
092	9.725 324	12	9.797 340	17	0.202 660	9.927 984	5	908	
093	9.725 336	12	9.797 357	17	0.202 643	9.927 979	5	907	
094	9.725 348	12	9.797 373	16	0.202 627	9.927 974	5	906	
095	9.725 360	12	9.797 390	17	0.202 610	9.927 970	4	905	
096	9.725 372	12	9.797 407	17	0.202 593	9.927 965	5	904	
097	9.725 384	12	9.797 424	17	0.202 576	9.927 960	5	903	
098	9.725 396	12	9.797 441	17	0.202 559	9.927 955	5	902	
099	9.725 408	12	9.797 458	17	0.202 542	9.927 951	4	901	
.100	9.725 420	12	9.797 474	16	0.202 526	9.927 946	5	.900	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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2	3.4	3.2
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	13	12
1	1.3	1.2
2	2.6	2.4
3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

32°.100 — 32°.150

32°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.725 420	12	9.797 474	17	0.202 526	9.927 946	5	.900	
101	9.725 432	13	9.797 491	17	0.202 509	9.927 941	5	899	
102	9.725 445	12	9.797 508	17	0.202 492	9.927 936	5	898	
103	9.725 457	12	9.797 525	17	0.202 475	9.927 932	4	897	
104	9.725 469	12	9.797 542	17	0.202 458	9.927 927	5	896	
105	9.725 481	12	9.797 559	17	0.202 441	9.927 922	5	895	
106	9.725 493	12	9.797 575	16	0.202 425	9.927 917	5	894	
107	9.725 505	12	9.797 592	17	0.202 408	9.927 913	4	893	
108	9.725 517	12	9.797 609	17	0.202 391	9.927 908	5	892	
109	9.725 529	12	9.797 626	17	0.202 374	9.927 903	5	891	
.110	9.725 541	12	9.797 643	17	0.202 357	9.927 898	5	.890	
111	9.725 553	12	9.797 660	17	0.202 340	9.927 894	4	889	
112	9.725 565	12	9.797 677	17	0.202 323	9.927 889	5	888	
113	9.725 577	12	9.797 693	16	0.202 307	9.927 884	5	887	
114	9.725 590	13	9.797 710	17	0.202 290	9.927 879	5	886	
115	9.725 602	12	9.797 727	17	0.202 273	9.927 875	4	885	
116	9.725 614	12	9.797 744	17	0.202 256	9.927 870	5	884	
117	9.725 626	12	9.797 761	17	0.202 239	9.927 865	5	883	
118	9.725 638	12	9.797 778	17	0.202 222	9.927 860	5	882	
119	9.725 650	12	9.797 794	16	0.202 206	9.927 856	4	881	
.120	9.725 662	12	9.797 811	17	0.202 189	9.927 851	5	.880	
121	9.725 674	12	9.797 828	17	0.202 172	9.927 846	5	879	
122	9.725 686	12	9.797 845	17	0.202 155	9.927 841	5	878	
123	9.725 698	12	9.797 862	17	0.202 138	9.927 837	4	877	
124	9.725 710	12	9.797 879	17	0.202 121	9.927 832	5	876	
125	9.725 722	12	9.797 895	16	0.202 105	9.927 827	5	875	
126	9.725 734	12	9.797 912	17	0.202 088	9.927 822	5	874	
127	9.725 746	12	9.797 929	17	0.202 071	9.927 817	5	873	
128	9.725 759	13	9.797 946	17	0.202 054	9.927 813	4	872	
129	9.725 771	12	9.797 963	17	0.202 037	9.927 808	5	871	
.130	9.725 783	12	9.797 979	16	0.202 021	9.927 803	5	.870	
131	9.725 795	12	9.797 996	17	0.202 004	9.927 798	5	869	
132	9.725 807	12	9.798 013	17	0.201 987	9.927 794	4	868	
133	9.725 819	12	9.798 030	17	0.201 970	9.927 789	5	867	
134	9.725 831	12	9.798 047	17	0.201 953	9.927 784	5	866	
135	9.725 843	12	9.798 064	17	0.201 936	9.927 779	5	865	
136	9.725 855	12	9.798 080	16	0.201 920	9.927 775	4	864	
137	9.725 867	12	9.798 097	17	0.201 903	9.927 770	5	863	
138	9.725 879	12	9.798 114	17	0.201 886	9.927 765	5	862	
139	9.725 891	12	9.798 131	17	0.201 869	9.927 760	5	861	
.140	9.725 903	12	9.798 148	17	0.201 852	9.927 756	4	.860	
141	9.725 915	12	9.798 165	17	0.201 835	9.927 751	5	859	
142	9.725 927	12	9.798 181	16	0.201 819	9.927 746	5	858	
143	9.725 940	13	9.798 198	17	0.201 802	9.927 741	5	857	
144	9.725 952	12	9.798 215	17	0.201 785	9.927 737	4	856	
145	9.725 964	12	9.798 232	17	0.201 768	9.927 732	5	855	
146	9.725 976	12	9.798 249	17	0.201 751	9.927 727	5	854	
147	9.725 988	12	9.798 266	17	0.201 734	9.927 722	5	853	
148	9.726 000	12	9.798 282	16	0.201 718	9.927 717	5	852	
149	9.726 012	12	9.798 299	17	0.201 701	9.927 713	4	851	
.150	9.726 024	12	9.798 316	17	0.201 684	9.927 708	5	.850	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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8	13.6	12.8
9	15.3	14.4

	13	12
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6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

32°.150 — 32°.200

32°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.726 024		9.798 316		0.201 684	9.927 708		.850	
151	9.726 036	12	9.798 333	17	0.201 667	9.927 703	5	849	
152	9.726 048	12	9.798 350	17	0.201 650	9.927 698	5	848	
153	9.726 060	12	9.798 366	16	0.201 634	9.927 694	4	847	
154	9.726 072	12	9.798 383	17	0.201 617	9.927 689	5	846	
155	9.726 084	12	9.798 400	17	0.201 600	9.927 684	5	845	
156	9.726 096	12	9.798 417	17	0.201 583	9.927 679	5	844	
157	9.726 108	12	9.798 434	17	0.201 566	9.927 675	4	843	
158	9.726 120	12	9.798 451	17	0.201 549	9.927 670	5	842	
159	9.726 132	12	9.798 467	16	0.201 533	9.927 665	5	841	
.160	9.726 145	13	9.798 484	17	0.201 516	9.927 660	5	.840	
161	9.726 157	12	9.798 501	17	0.201 499	9.927 656	4	839	
162	9.726 169	12	9.798 518	17	0.201 482	9.927 651	5	838	
163	9.726 181	12	9.798 535	17	0.201 465	9.927 646	5	837	
164	9.726 193	12	9.798 552	17	0.201 448	9.927 641	5	836	
165	9.726 205	12	9.798 568	16	0.201 432	9.927 636	5	835	
166	9.726 217	12	9.798 585	17	0.201 415	9.927 632	4	834	
167	9.726 229	12	9.798 602	17	0.201 398	9.927 627	5	833	
168	9.726 241	12	9.798 619	17	0.201 381	9.927 622	5	832	
169	9.726 253	12	9.798 636	17	0.201 364	9.927 617	5	831	
.170	9.726 265	12	9.798 652	16	0.201 348	9.927 613	4	.830	
171	9.726 277	12	9.798 669	17	0.201 331	9.927 608	5	829	
172	9.726 289	12	9.798 686	17	0.201 314	9.927 603	5	828	
173	9.726 301	12	9.798 703	17	0.201 297	9.927 598	5	827	
174	9.726 313	12	9.798 720	17	0.201 280	9.927 594	4	826	
175	9.726 325	12	9.798 737	17	0.201 263	9.927 589	5	825	
176	9.726 337	12	9.798 753	16	0.201 247	9.927 584	5	824	
177	9.726 349	12	9.798 770	17	0.201 230	9.927 579	5	823	
178	9.726 361	12	9.798 787	17	0.201 213	9.927 574	5	822	
179	9.726 374	13	9.798 804	17	0.201 196	9.927 570	4	821	
.180	9.726 386	12	9.798 821	17	0.201 179	9.927 565	5	.820	
181	9.726 398	12	9.798 837	16	0.201 163	9.927 560	5	819	
182	9.726 410	12	9.798 854	17	0.201 146	9.927 555	5	818	
183	9.726 422	12	9.798 871	17	0.201 129	9.927 551	4	817	
184	9.726 434	12	9.798 888	17	0.201 112	9.927 546	5	816	
185	9.726 446	12	9.798 905	17	0.201 095	9.927 541	5	815	
186	9.726 458	12	9.798 922	17	0.201 078	9.927 536	5	814	
187	9.726 470	12	9.798 938	16	0.201 062	9.927 532	4	813	
188	9.726 482	12	9.798 955	17	0.201 045	9.927 527	5	812	
189	9.726 494	12	9.798 972	17	0.201 028	9.927 522	5	811	
.190	9.726 506	12	9.798 989	17	0.201 011	9.927 517	5	.810	
191	9.726 518	12	9.799 006	17	0.200 994	9.927 512	5	809	
192	9.726 530	12	9.799 022	16	0.200 978	9.927 508	4	808	
193	9.726 542	12	9.799 039	17	0.200 961	9.927 503	5	807	
194	9.726 554	12	9.799 056	17	0.200 944	9.927 498	5	806	
195	9.726 566	12	9.799 073	17	0.200 927	9.927 493	5	805	
196	9.726 578	12	9.799 090	17	0.200 910	9.927 489	4	804	
197	9.726 590	12	9.799 106	16	0.200 894	9.927 484	5	803	
198	9.726 602	12	9.799 123	17	0.200 877	9.927 479	5	802	
199	9.726 614	12	9.799 140	17	0.200 860	9.927 474	5	801	
.200	9.726 626	12	9.799 157	17	0.200 843	9.927 470	4	.800	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

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6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.850 — 57°.800

32°.200 — 32°.250

32°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.726 626		9.799 157		0.200 843	9.927 470		.800	
201	9.726 638	12	9.799 174	17	0.200 826	9.927 465	5	799	
202	9.726 650	12	9.799 190	16	0.200 810	9.927 460	5	798	
203	9.726 662	12	9.799 207	17	0.200 793	9.927 455	5	797	
204	9.726 675	13	9.799 224	17	0.200 776	9.927 450	5	796	
205	9.726 687	12	9.799 241	17	0.200 759	9.927 446	4	795	
206	9.726 699	12	9.799 258	17	0.200 742	9.927 441	5	794	
207	9.726 711	12	9.799 275	17	0.200 725	9.927 436	5	793	
208	9.726 723	12	9.799 291	16	0.200 709	9.927 431	5	792	
209	9.726 735	12	9.799 308	17	0.200 692	9.927 427	4	791	
.210	9.726 747	12	9.799 325	17	0.200 675	9.927 422	5	.790	
211	9.726 759	12	9.799 342	17	0.200 658	9.927 417	5	789	
212	9.726 771	12	9.799 359	17	0.200 641	9.927 412	5	788	
213	9.726 783	12	9.799 375	16	0.200 625	9.927 407	5	787	
214	9.726 795	12	9.799 392	17	0.200 608	9.927 403	4	786	
215	9.726 807	12	9.799 409	17	0.200 591	9.927 398	5	785	
216	9.726 819	12	9.799 426	17	0.200 574	9.927 393	5	784	
217	9.726 831	12	9.799 443	17	0.200 557	9.927 388	5	783	
218	9.726 843	12	9.799 459	16	0.200 541	9.927 384	4	782	
219	9.726 855	12	9.799 476	17	0.200 524	9.927 379	5	781	
.220	9.726 867	12	9.799 493	17	0.200 507	9.927 374	5	.780	
221	9.726 879	12	9.799 510	17	0.200 490	9.927 369	5	779	
222	9.726 891	12	9.799 527	17	0.200 473	9.927 364	5	778	
223	9.726 903	12	9.799 543	16	0.200 457	9.927 360	4	777	
224	9.726 915	12	9.799 560	17	0.200 440	9.927 355	5	776	
225	9.726 927	12	9.799 577	17	0.200 423	9.927 350	5	775	
226	9.726 939	12	9.799 594	17	0.200 406	9.927 345	5	774	
227	9.726 951	12	9.799 611	17	0.200 389	9.927 341	4	773	
228	9.726 963	12	9.799 627	16	0.200 373	9.927 336	5	772	
229	9.726 975	12	9.799 644	17	0.200 356	9.927 331	5	771	
.230	9.726 987	12	9.799 661	17	0.200 339	9.927 326	5	.770	
231	9.726 999	12	9.799 678	17	0.200 322	9.927 321	5	769	
232	9.727 011	12	9.799 695	17	0.200 305	9.927 317	4	768	
233	9.727 023	12	9.799 711	16	0.200 289	9.927 312	5	767	
234	9.727 035	12	9.799 728	17	0.200 272	9.927 307	5	766	
235	9.727 047	12	9.799 745	17	0.200 255	9.927 302	5	765	
236	9.727 059	12	9.799 762	17	0.200 238	9.927 298	4	764	
237	9.727 071	12	9.799 779	17	0.200 221	9.927 293	5	763	
238	9.727 083	12	9.799 795	16	0.200 205	9.927 288	5	762	
239	9.727 095	12	9.799 812	17	0.200 188	9.927 283	5	761	
.240	9.727 107	12	9.799 829	17	0.200 171	9.927 278	5	.760	
241	9.727 119	12	9.799 846	17	0.200 154	9.927 274	4	759	
242	9.727 132	13	9.799 863	17	0.200 137	9.927 269	5	758	
243	9.727 144	12	9.799 879	16	0.200 121	9.927 264	5	757	
244	9.727 156	12	9.799 896	17	0.200 104	9.927 259	5	756	
245	9.727 168	12	9.799 913	17	0.200 087	9.927 255	4	755	
246	9.727 180	12	9.799 930	17	0.200 070	9.927 250	5	754	
247	9.727 192	12	9.799 947	17	0.200 053	9.927 245	5	753	
248	9.727 204	12	9.799 963	16	0.200 037	9.927 240	5	752	
249	9.727 216	12	9.799 980	17	0.200 020	9.927 235	5	751	
.250	9.727 228	12	9.799 997	17	0.200 003	9.927 231	4	.750	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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	13	12
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3	3.9	3.6
4	5.2	4.8
5	6.5	6.0
6	7.8	7.2
7	9.1	8.4
8	10.4	9.6
9	11.7	10.8

57°.800 — 57°.750

32°.250 — 32°.300

32°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.727 228		9.799 997		0.200 003	9.927 231		.750	
251	9.727 240	12	9.800 014	17	0.199 986	9.927 226	5	749	
252	9.727 252	12	9.800 031	17	0.199 969	9.927 221	5	748	
253	9.727 264	12	9.800 047	16	0.199 953	9.927 216	5	747	
254	9.727 276	12	9.800 064	17	0.199 936	9.927 211	5	746	
255	9.727 288	12	9.800 081	17	0.199 919	9.927 207	4	745	
256	9.727 300	12	9.800 098	17	0.199 902	9.927 202	5	744	
257	9.727 312	12	9.800 115	17	0.199 885	9.927 197	5	743	
258	9.727 324	12	9.800 131	16	0.199 869	9.927 192	5	742	
259	9.727 336	12	9.800 148	17	0.199 852	9.927 188	4	741	
.260	9.727 348	12	9.800 165	17	0.199 835	9.927 183	5	.740	
261	9.727 360	12	9.800 182	17	0.199 818	9.927 178	5	739	
262	9.727 372	12	9.800 199	17	0.199 801	9.927 173	5	738	
263	9.727 384	12	9.800 215	16	0.199 785	9.927 168	5	737	
264	9.727 396	12	9.800 232	17	0.199 768	9.927 164	4	736	
265	9.727 408	12	9.800 249	17	0.199 751	9.927 159	5	735	
266	9.727 420	12	9.800 266	17	0.199 734	9.927 154	5	734	
267	9.727 432	12	9.800 283	17	0.199 717	9.927 149	5	733	
268	9.727 444	12	9.800 299	16	0.199 701	9.927 145	4	732	
269	9.727 456	12	9.800 316	17	0.199 684	9.927 140	5	731	
.270	9.727 468	12	9.800 333	17	0.199 667	9.927 135	5	.730	
271	9.727 480	12	9.800 350	17	0.199 650	9.927 130	5	729	
272	9.727 492	12	9.800 366	16	0.199 634	9.927 125	5	728	
273	9.727 504	12	9.800 383	17	0.199 617	9.927 121	4	727	
274	9.727 516	12	9.800 400	17	0.199 600	9.927 116	5	726	
275	9.727 528	12	9.800 417	17	0.199 583	9.927 111	5	725	
276	9.727 540	12	9.800 434	17	0.199 566	9.927 106	5	724	
277	9.727 552	12	9.800 450	16	0.199 550	9.927 101	5	723	
278	9.727 564	12	9.800 467	17	0.199 533	9.927 097	4	722	
279	9.727 576	12	9.800 484	17	0.199 516	9.927 092	5	721	
.280	9.727 588	12	9.800 501	17	0.199 499	9.927 087	5	.720	
281	9.727 600	12	9.800 518	17	0.199 482	9.927 082	5	719	
282	9.727 612	12	9.800 534	16	0.199 466	9.927 077	5	718	
283	9.727 624	12	9.800 551	17	0.199 449	9.927 073	4	717	
284	9.727 636	12	9.800 568	17	0.199 432	9.927 068	5	716	
285	9.727 648	12	9.800 585	17	0.199 415	9.927 063	5	715	
286	9.727 660	12	9.800 601	16	0.199 399	9.927 058	5	714	
287	9.727 672	12	9.800 618	17	0.199 382	9.927 054	4	713	
288	9.727 684	12	9.800 635	17	0.199 365	9.927 049	5	712	
289	9.727 696	12	9.800 652	17	0.199 348	9.927 044	5	711	
.290	9.727 708	12	9.800 669	17	0.199 331	9.927 039	5	.710	
291	9.727 720	12	9.800 685	16	0.199 315	9.927 034	5	709	
292	9.727 732	12	9.800 702	17	0.199 298	9.927 030	4	708	
293	9.727 744	12	9.800 719	17	0.199 281	9.927 025	5	707	
294	9.727 756	12	9.800 736	17	0.199 264	9.927 020	5	706	
295	9.727 768	12	9.800 753	17	0.199 247	9.927 015	5	705	
296	9.727 780	12	9.800 769	16	0.199 231	9.927 010	5	704	
297	9.727 792	12	9.800 786	17	0.199 214	9.927 006	4	703	
298	9.727 804	12	9.800 803	17	0.199 197	9.927 001	5	702	
299	9.727 816	12	9.800 820	17	0.199 180	9.926 996	5	701	
.300	9.727 828	12	9.800 836	16	0.199 164	9.926 991	5	.700	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

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1	1.2
2	2.4
3	3.6
4	4.8
5	6.0
6	7.2
7	8.4
8	9.6
9	10.8

57°.750 — 57°.700

32°.300 — 32°.350

32°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.727 828		9.800 836		0.199 164	9.926 991		.700	
301	9.727 840	12	9.800 853	17	0.199 147	9.926 986	5	699	
302	9.727 852	12	9.800 870	17	0.199 130	9.926 982	4	698	
303	9.727 864	12	9.800 887	17	0.199 113	9.926 977	5	697	
304	9.727 876	12	9.800 904	17	0.199 096	9.926 972	5	696	
305	9.727 888	12	9.800 920	16	0.199 080	9.926 967	5	695	
306	9.727 900	12	9.800 937	17	0.199 063	9.926 963	4	694	
307	9.727 912	12	9.800 954	17	0.199 046	9.926 958	5	693	
308	9.727 924	12	9.800 971	17	0.199 029	9.926 953	5	692	
309	9.727 936	12	9.800 987	16	0.199 013	9.926 948	5	691	
.310	9.727 948	12	9.801 004	17	0.198 996	9.926 943	5	.690	
311	9.727 960	12	9.801 021	17	0.198 979	9.926 939	4	689	
312	9.727 972	12	9.801 038	17	0.198 962	9.926 934	5	688	
313	9.727 984	12	9.801 055	17	0.198 945	9.926 929	5	687	
314	9.727 996	12	9.801 071	16	0.198 929	9.926 924	5	686	
315	9.728 008	12	9.801 088	17	0.198 912	9.926 919	5	685	
316	9.728 020	12	9.801 105	17	0.198 895	9.926 915	4	684	
317	9.728 031	11	9.801 122	17	0.198 878	9.926 910	5	683	
318	9.728 043	12	9.801 138	16	0.198 862	9.926 905	5	682	
319	9.728 055	12	9.801 155	17	0.198 845	9.926 900	5	681	
.320	9.728 067	12	9.801 172	17	0.198 828	9.926 895	5	.680	
321	9.728 079	12	9.801 189	17	0.198 811	9.926 891	4	679	
322	9.728 091	12	9.801 206	17	0.198 794	9.926 886	5	678	
323	9.728 103	12	9.801 222	16	0.198 778	9.926 881	5	677	
324	9.728 115	12	9.801 239	17	0.198 761	9.926 876	5	676	
325	9.728 127	12	9.801 256	17	0.198 744	9.926 871	5	675	
326	9.728 139	12	9.801 273	17	0.198 727	9.926 867	4	674	
327	9.728 151	12	9.801 289	16	0.198 711	9.926 862	5	673	
328	9.728 163	12	9.801 306	17	0.198 694	9.926 857	5	672	
329	9.728 175	12	9.801 323	17	0.198 677	9.926 852	5	671	
.330	9.728 187	12	9.801 340	17	0.198 660	9.926 847	5	.670	
331	9.728 199	12	9.801 357	17	0.198 643	9.926 843	4	669	
332	9.728 211	12	9.801 373	16	0.198 627	9.926 838	5	668	
333	9.728 223	12	9.801 390	17	0.198 610	9.926 833	5	667	
334	9.728 235	12	9.801 407	17	0.198 593	9.926 828	5	666	
335	9.728 247	12	9.801 424	17	0.198 576	9.926 823	5	665	
336	9.728 259	12	9.801 440	16	0.198 560	9.926 819	4	664	
337	9.728 271	12	9.801 457	17	0.198 543	9.926 814	5	663	
338	9.728 283	12	9.801 474	17	0.198 526	9.926 809	5	662	
339	9.728 295	12	9.801 491	17	0.198 509	9.926 804	5	661	
.340	9.728 307	12	9.801 508	17	0.198 492	9.926 799	5	.660	
341	9.728 319	12	9.801 524	16	0.198 476	9.926 795	4	659	
342	9.728 331	12	9.801 541	17	0.198 459	9.926 790	5	658	
343	9.728 343	12	9.801 558	17	0.198 442	9.926 785	5	657	
344	9.728 355	12	9.801 575	17	0.198 425	9.926 780	5	656	
345	9.728 367	12	9.801 591	16	0.198 409	9.926 775	5	655	
346	9.728 379	12	9.801 608	17	0.198 392	9.926 771	4	654	
347	9.728 391	12	9.801 625	17	0.198 375	9.926 766	5	653	
348	9.728 403	12	9.801 642	17	0.198 358	9.926 761	5	652	
349	9.728 415	12	9.801 658	16	0.198 342	9.926 756	5	651	
.350	9.728 427	12	9.801 675	17	0.198 325	9.926 751	5	.650	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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9	15.3	14.4

	12	11
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.700 — 57°.650

32°.350 — 32°.400

32°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.728 427		9.801 675		0.198 325	9.926 751		.650	
351	9.728 439	12	9.801 692	17	0.198 308	9.926 747	4	649	
352	9.728 451	12	9.801 709	17	0.198 291	9.926 742	5	648	
353	9.728 463	12	9.801 726	17	0.198 274	9.926 737	5	647	
		12		16			5		
354	9.728 475	11	9.801 742	17	0.198 258	9.926 732	5	646	
355	9.728 486	12	9.801 759	17	0.198 241	9.926 727	5	645	
356	9.728 498	12	9.801 776	17	0.198 224	9.926 723	4	644	
		12		17			5		
357	9.728 510	12	9.801 793	16	0.198 207	9.926 718	5	643	
358	9.728 522	12	9.801 809	17	0.198 191	9.926 713	5	642	
359	9.728 534	12	9.801 826	17	0.198 174	9.926 708	5	641	
		12		17			5		
.360	9.728 546	12	9.801 843	17	0.198 157	9.926 703	4	.640	
361	9.728 558	12	9.801 860	16	0.198 140	9.926 699	5	639	
362	9.728 570	12	9.801 876	17	0.198 124	9.926 694	5	638	
363	9.728 582	12	9.801 893	17	0.198 107	9.926 689	5	637	
		12		17			5		
364	9.728 594	12	9.801 910	17	0.198 090	9.926 684	5	636	
365	9.728 606	12	9.801 927	17	0.198 073	9.926 679	5	635	
366	9.728 618	12	9.801 943	16	0.198 057	9.926 675	4	634	
		12		17			5		
367	9.728 630	12	9.801 960	17	0.198 040	9.926 670	5	633	
368	9.728 642	12	9.801 977	17	0.198 023	9.926 665	5	632	
369	9.728 654	12	9.801 994	17	0.198 006	9.926 660	5	631	
		12		17			5		
.370	9.728 666	12	9.802 011	16	0.197 989	9.926 655	4	.630	
371	9.728 678	12	9.802 027	17	0.197 973	9.926 651	5	629	
372	9.728 690	12	9.802 044	17	0.197 956	9.926 646	5	628	
373	9.728 702	12	9.802 061	17	0.197 939	9.926 641	5	627	
		12		17			5		
374	9.728 714	12	9.802 078	16	0.197 922	9.926 636	5	626	
375	9.728 726	12	9.802 094	17	0.197 906	9.926 631	4	625	
376	9.728 738	12	9.802 111	17	0.197 889	9.926 627	5	624	
		12		17			5		
377	9.728 750	12	9.802 128	17	0.197 872	9.926 622	5	623	
378	9.728 762	12	9.802 145	16	0.197 855	9.926 617	5	622	
379	9.728 774	12	9.802 161	16	0.197 839	9.926 612	5	621	
		11		17			5		
.380	9.728 785	12	9.802 178	17	0.197 822	9.926 607	4	.620	
381	9.728 797	12	9.802 195	17	0.197 805	9.926 603	5	619	
382	9.728 809	12	9.802 212	16	0.197 788	9.926 598	5	618	
383	9.728 821	12	9.802 228	17	0.197 772	9.926 593	5	617	
		12		17			5		
384	9.728 833	12	9.802 245	17	0.197 755	9.926 588	5	616	
385	9.728 845	12	9.802 262	17	0.197 738	9.926 583	5	615	
386	9.728 857	12	9.802 279	16	0.197 721	9.926 578	4	614	
		12		17			5		
387	9.728 869	12	9.802 295	17	0.197 705	9.926 574	5	613	
388	9.728 881	12	9.802 312	17	0.197 688	9.926 569	5	612	
389	9.728 893	12	9.802 329	17	0.197 671	9.926 564	5	611	
		12		16			5		
.390	9.728 905	12	9.802 346	16	0.197 654	9.926 559	4	.610	
391	9.728 917	12	9.802 362	17	0.197 638	9.926 554	5	609	
392	9.728 929	12	9.802 379	17	0.197 621	9.926 550	5	608	
393	9.728 941	12	9.802 396	17	0.197 604	9.926 545	5	607	
		12		17			5		
394	9.728 953	12	9.802 413	16	0.197 587	9.926 540	5	606	
395	9.728 965	12	9.802 429	17	0.197 571	9.926 535	5	605	
396	9.728 977	12	9.802 446	17	0.197 554	9.926 530	4	604	
		12		17			5		
397	9.728 989	12	9.802 463	17	0.197 537	9.926 526	5	603	
398	9.729 001	11	9.802 480	17	0.197 520	9.926 521	5	602	
399	9.729 012	12	9.802 497	16	0.197 503	9.926 516	5	601	
		12					5		
.400	9.729 024		9.802 513		0.197 487	9.926 511		.600	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

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4	4.8	4.4
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7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.650 — 57°.600

32°.400 — 32°.450

32°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.729 024		9.802 513		0.197 487	9.926 511		.600	
401	9.729 036	12	9.802 530	17	0.197 470	9.926 506	5	599	
402	9.729 048	12	9.802 547	17	0.197 453	9.926 502	4	598	
403	9.729 060	12	9.802 564	17	0.197 436	9.926 497	5	597	
404	9.729 072	12	9.802 580	16	0.197 420	9.926 492	5	596	
405	9.729 084	12	9.802 597	17	0.197 403	9.926 487	5	595	
406	9.729 096	12	9.802 614	17	0.197 386	9.926 482	5	594	
407	9.729 108	12	9.802 631	17	0.197 369	9.926 477	5	593	
408	9.729 120	12	9.802 647	16	0.197 353	9.926 473	4	592	
409	9.729 132	12	9.802 664	17	0.197 336	9.926 468	5	591	
.410	9.729 144	12	9.802 681	17	0.197 319	9.926 463	5	.590	
411	9.729 156	12	9.802 698	17	0.197 302	9.926 458	5	589	
412	9.729 168	12	9.802 714	16	0.197 286	9.926 453	5	588	
413	9.729 180	12	9.802 731	17	0.197 269	9.926 449	4	587	
414	9.729 192	12	9.802 748	17	0.197 252	9.926 444	5	586	
415	9.729 204	12	9.802 765	17	0.197 235	9.926 439	5	585	
416	9.729 215	11	9.802 781	16	0.197 219	9.926 434	5	584	
417	9.729 227	12	9.802 798	17	0.197 202	9.926 429	5	583	
418	9.729 239	12	9.802 815	17	0.197 185	9.926 425	4	582	
419	9.729 251	12	9.802 832	17	0.197 168	9.926 420	5	581	
.420	9.729 263	12	9.802 848	16	0.197 152	9.926 415	5	.580	
421	9.729 275	12	9.802 865	17	0.197 135	9.926 410	5	579	
422	9.729 287	12	9.802 882	17	0.197 118	9.926 405	5	578	
423	9.729 299	12	9.802 899	17	0.197 101	9.926 400	5	577	
424	9.729 311	12	9.802 915	16	0.197 085	9.926 396	4	576	
425	9.729 323	12	9.802 932	17	0.197 068	9.926 391	5	575	
426	9.729 335	12	9.802 949	17	0.197 051	9.926 386	5	574	
427	9.729 347	12	9.802 966	17	0.197 034	9.926 381	5	573	
428	9.729 359	12	9.802 982	16	0.197 018	9.926 376	5	572	
429	9.729 371	12	9.802 999	17	0.197 001	9.926 372	4	571	
.430	9.729 383	12	9.803 016	17	0.196 984	9.926 367	5	.570	
431	9.729 394	11	9.803 033	17	0.196 967	9.926 362	5	569	
432	9.729 406	12	9.803 049	16	0.196 951	9.926 357	5	568	
433	9.729 418	12	9.803 066	17	0.196 934	9.926 352	5	567	
434	9.729 430	12	9.803 083	17	0.196 917	9.926 347	5	566	
435	9.729 442	12	9.803 100	17	0.196 900	9.926 343	4	565	
436	9.729 454	12	9.803 116	16	0.196 884	9.926 338	5	564	
437	9.729 466	12	9.803 133	17	0.196 867	9.926 333	5	563	
438	9.729 478	12	9.803 150	17	0.196 850	9.926 328	5	562	
439	9.729 490	12	9.803 166	16	0.196 834	9.926 323	5	561	
.440	9.729 502	12	9.803 183	17	0.196 817	9.926 319	4	.560	
441	9.729 514	12	9.803 200	17	0.196 800	9.926 314	5	559	
442	9.729 526	12	9.803 217	17	0.196 783	9.926 309	5	558	
443	9.729 538	12	9.803 233	16	0.196 767	9.926 304	5	557	
444	9.729 550	12	9.803 250	17	0.196 750	9.926 299	5	556	
445	9.729 561	11	9.803 267	17	0.196 733	9.926 295	4	555	
446	9.729 573	12	9.803 284	17	0.196 716	9.926 290	5	554	
447	9.729 585	12	9.803 300	16	0.196 700	9.926 285	5	553	
448	9.729 597	12	9.803 317	17	0.196 683	9.926 280	5	552	
449	9.729 609	12	9.803 334	17	0.196 666	9.926 275	5	551	
.450	9.729 621	12	9.803 351	17	0.196 649	9.926 270	5	.550	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

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9	15.3	14.4

	12	11
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2	2.4	2.2
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8	9.6	8.8
9	10.8	9.9

57°.600 — 57°.550

32°.450 — 32°.500

32°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.729 621		9.803 351		0.196 649	9.926 270		.550	
451	9.729 633	12	9.803 367	16	0.196 633	9.926 266	4	549	
452	9.729 645	12	9.803 384	17	0.196 616	9.926 261	5	548	
453	9.729 657	12	9.803 401	17	0.196 599	9.926 256	5	547	
454	9.729 669	12	9.803 418	17	0.196 582	9.926 251	5	546	
455	9.729 681	12	9.803 434	16	0.196 566	9.926 246	5	545	
456	9.729 693	12	9.803 451	17	0.196 549	9.926 241	5	544	
457	9.729 704	11	9.803 468	17	0.196 532	9.926 237	4	543	
458	9.729 716	12	9.803 485	17	0.196 515	9.926 232	5	542	
459	9.729 728	12	9.803 501	16	0.196 499	9.926 227	5	541	
.460	9.729 740	12	9.803 518	17	0.196 482	9.926 222	5	.540	
461	9.729 752	12	9.803 535	17	0.196 465	9.926 217	5	539	
462	9.729 764	12	9.803 552	17	0.196 448	9.926 213	4	538	
463	9.729 776	12	9.803 568	16	0.196 432	9.926 208	5	537	
464	9.729 788	12	9.803 585	17	0.196 415	9.926 203	5	536	
465	9.729 800	12	9.803 602	17	0.196 398	9.926 198	5	535	
466	9.729 812	12	9.803 618	16	0.196 382	9.926 193	5	534	
467	9.729 824	12	9.803 635	17	0.196 365	9.926 188	5	533	
468	9.729 836	12	9.803 652	17	0.196 348	9.926 184	4	532	
469	9.729 847	11	9.803 669	17	0.196 331	9.926 179	5	531	
.470	9.729 859	12	9.803 685	16	0.196 315	9.926 174	5	.530	
471	9.729 871	12	9.803 702	17	0.196 298	9.926 169	5	529	
472	9.729 883	12	9.803 719	17	0.196 281	9.926 164	5	528	
473	9.729 895	12	9.803 736	17	0.196 264	9.926 160	4	527	
474	9.729 907	12	9.803 752	16	0.196 248	9.926 155	5	526	
475	9.729 919	12	9.803 769	17	0.196 231	9.926 150	5	525	
476	9.729 931	12	9.803 786	17	0.196 214	9.926 145	5	524	
477	9.729 943	12	9.803 803	17	0.196 197	9.926 140	5	523	
478	9.729 955	12	9.803 819	16	0.196 181	9.926 135	5	522	
479	9.729 967	12	9.803 836	17	0.196 164	9.926 131	4	521	
.480	9.729 978	11	9.803 853	17	0.196 147	9.926 126	5	.520	
481	9.729 990	12	9.803 869	16	0.196 131	9.926 121	5	519	
482	9.730 002	12	9.803 886	17	0.196 114	9.926 116	5	518	
483	9.730 014	12	9.803 903	17	0.196 097	9.926 111	5	517	
484	9.730 026	12	9.803 920	17	0.196 080	9.926 106	5	516	
485	9.730 038	12	9.803 936	16	0.196 064	9.926 102	4	515	
486	9.730 050	12	9.803 953	17	0.196 047	9.926 097	5	514	
487	9.730 062	12	9.803 970	17	0.196 030	9.926 092	5	513	
488	9.730 074	12	9.803 987	17	0.196 013	9.926 087	5	512	
489	9.730 086	12	9.804 003	16	0.195 997	9.926 082	5	511	
.490	9.730 098	12	9.804 020	17	0.195 980	9.926 077	5	.510	
491	9.730 109	11	9.804 037	17	0.195 963	9.926 073	4	509	
492	9.730 121	12	9.804 054	17	0.195 946	9.926 068	5	508	
493	9.730 133	12	9.804 070	16	0.195 930	9.926 063	5	507	
494	9.730 145	12	9.804 087	17	0.195 913	9.926 058	5	506	
495	9.730 157	12	9.804 104	17	0.195 896	9.926 053	5	505	
496	9.730 169	12	9.804 120	16	0.195 880	9.926 049	4	504	
497	9.730 181	12	9.804 137	17	0.195 863	9.926 044	5	503	
498	9.730 193	12	9.804 154	17	0.195 846	9.926 039	5	502	
499	9.730 205	12	9.804 171	17	0.195 829	9.926 034	5	501	
.500	9.730 217	12	9.804 187	16	0.195 813	9.926 029	5	.500	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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9	15.3	14.4

	12	11
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.550 — 57°.500

32°.500 — 32°.550

32°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.730 217		9.804 187		0.195 813	9.926 029		.500	
501	9.730 228	11	9.804 204	17	0.195 796	9.926 024	5	499	
502	9.730 240	12	9.804 221	17	0.195 779	9.926 020	4	498	
503	9.730 252	12	9.804 238	17	0.195 762	9.926 015	5	497	
504	9.730 264	12	9.804 254	16	0.195 746	9.926 010	5	496	
505	9.730 276	12	9.804 271	17	0.195 729	9.926 005	5	495	
506	9.730 288	12	9.804 288	17	0.195 712	9.926 000	5	494	
507	9.730 300	12	9.804 304	16	0.195 696	9.925 995	5	493	
508	9.730 312	12	9.804 321	17	0.195 679	9.925 991	4	492	
509	9.730 324	12	9.804 338	17	0.195 662	9.925 986	5	491	
.510	9.730 335	11	9.804 355	17	0.195 645	9.925 981	5	.490	
511	9.730 347	12	9.804 371	16	0.195 629	9.925 976	5	489	
512	9.730 359	12	9.804 388	17	0.195 612	9.925 971	5	488	
513	9.730 371	12	9.804 405	17	0.195 595	9.925 966	5	487	
514	9.730 383	12	9.804 421	16	0.195 579	9.925 962	4	486	
515	9.730 395	12	9.804 438	17	0.195 562	9.925 957	5	485	
516	9.730 407	12	9.804 455	17	0.195 545	9.925 952	5	484	
517	9.730 419	12	9.804 472	17	0.195 528	9.925 947	5	483	
518	9.730 431	12	9.804 488	16	0.195 512	9.925 942	5	482	
519	9.730 443	12	9.804 505	17	0.195 495	9.925 937	5	481	
.520	9.730 454	11	9.804 522	17	0.195 478	9.925 933	4	.480	
521	9.730 466	12	9.804 539	17	0.195 461	9.925 928	5	479	
522	9.730 478	12	9.804 555	16	0.195 445	9.925 923	5	478	
523	9.730 490	12	9.804 572	17	0.195 428	9.925 918	5	477	
524	9.730 502	12	9.804 589	17	0.195 411	9.925 913	5	476	
525	9.730 514	12	9.804 605	16	0.195 395	9.925 908	5	475	
526	9.730 526	12	9.804 622	17	0.195 378	9.925 904	4	474	
527	9.730 538	12	9.804 639	17	0.195 361	9.925 899	5	473	
528	9.730 549	11	9.804 656	17	0.195 344	9.925 894	5	472	
529	9.730 561	12	9.804 672	16	0.195 328	9.925 889	5	471	
.530	9.730 573	12	9.804 689	17	0.195 311	9.925 884	5	.470	
531	9.730 585	12	9.804 706	17	0.195 294	9.925 879	5	469	
532	9.730 597	12	9.804 722	16	0.195 278	9.925 875	4	468	
533	9.730 609	12	9.804 739	17	0.195 261	9.925 870	5	467	
534	9.730 621	12	9.804 756	17	0.195 244	9.925 865	5	466	
535	9.730 633	12	9.804 773	17	0.195 227	9.925 860	5	465	
536	9.730 645	12	9.804 789	16	0.195 211	9.925 855	5	464	
537	9.730 656	11	9.804 806	17	0.195 194	9.925 850	5	463	
538	9.730 668	12	9.804 823	17	0.195 177	9.925 846	4	462	
539	9.730 680	12	9.804 839	16	0.195 161	9.925 841	5	461	
.540	9.730 692	12	9.804 856	17	0.195 144	9.925 836	5	.460	
541	9.730 704	12	9.804 873	17	0.195 127	9.925 831	5	459	
542	9.730 716	12	9.804 890	17	0.195 110	9.925 826	5	458	
543	9.730 728	12	9.804 906	16	0.195 094	9.925 821	5	457	
544	9.730 740	12	9.804 923	17	0.195 077	9.925 817	4	456	
545	9.730 751	11	9.804 940	17	0.195 060	9.925 812	5	455	
546	9.730 763	12	9.804 956	16	0.195 044	9.925 807	5	454	
547	9.730 775	12	9.804 973	17	0.195 027	9.925 802	5	453	
548	9.730 787	12	9.804 990	17	0.195 010	9.925 797	5	452	
549	9.730 799	12	9.805 007	17	0.194 993	9.925 792	5	451	
.550	9.730 811	12	9.805 023	16	0.194 977	9.925 788	4	.450	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.500 — 57°.450

32°.550 — 32°.600

32°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.730 811		9.805 023		0.194 977	9.925 788		.450	
551	9.730 823	12	9.805 040	17	0.194 960	9.925 783	5	449	
552	9.730 835	12	9.805 057	17	0.194 943	9.925 778	5	448	
553	9.730 846	11	9.805 073	16	0.194 927	9.925 773	5	447	
		12		17			5		
554	9.730 858	12	9.805 090	17	0.194 910	9.925 768	5	446	
555	9.730 870	12	9.805 107	17	0.194 893	9.925 763	5	445	
556	9.730 882	12	9.805 124	17	0.194 876	9.925 758	5	444	
		12		16			4		
557	9.730 894	12	9.805 140	17	0.194 860	9.925 754	5	443	
558	9.730 906	12	9.805 157	17	0.194 843	9.925 749	5	442	
559	9.730 918	12	9.805 174	17	0.194 826	9.925 744	5	441	
		12		16			5		
.560	9.730 930	11	9.805 190	17	0.194 810	9.925 739	5	.440	
		12		17			5		
561	9.730 941	12	9.805 207	17	0.194 793	9.925 734	5	439	
562	9.730 953	12	9.805 224	17	0.194 776	9.925 729	5	438	
563	9.730 965	12	9.805 241	17	0.194 759	9.925 725	4	437	
		12		16			5		
564	9.730 977	12	9.805 257	17	0.194 743	9.925 720	5	436	
565	9.730 989	12	9.805 274	17	0.194 726	9.925 715	5	435	
566	9.731 001	12	9.805 291	17	0.194 709	9.925 710	5	434	
		12		16			5		
567	9.731 013	12	9.805 307	17	0.194 693	9.925 705	5	433	
568	9.731 025	12	9.805 324	17	0.194 676	9.925 700	5	432	
569	9.731 036	11	9.805 341	17	0.194 659	9.925 696	4	431	
		12		17			5		
.570	9.731 048	12	9.805 358	16	0.194 642	9.925 691	5	.430	
		12		17			5		
571	9.731 060	12	9.805 374	17	0.194 626	9.925 686	5	429	
572	9.731 072	12	9.805 391	17	0.194 609	9.925 681	5	428	
573	9.731 084	12	9.805 408	17	0.194 592	9.925 676	5	427	
		12		16			5		
574	9.731 096	12	9.805 424	17	0.194 576	9.925 671	4	426	
575	9.731 108	12	9.805 441	17	0.194 559	9.925 667	5	425	
576	9.731 119	11	9.805 458	17	0.194 542	9.925 662	5	424	
		12		17			5		
577	9.731 131	12	9.805 475	16	0.194 525	9.925 657	5	423	
578	9.731 143	12	9.805 491	17	0.194 509	9.925 652	5	422	
579	9.731 155	12	9.805 508	17	0.194 492	9.925 647	5	421	
		12		17			5		
.580	9.731 167	12	9.805 525	16	0.194 475	9.925 642	5	.420	
		12		17			5		
581	9.731 179	12	9.805 541	17	0.194 459	9.925 637	4	419	
582	9.731 191	11	9.805 558	17	0.194 442	9.925 633	5	418	
583	9.731 202	12	9.805 575	16	0.194 425	9.925 628	5	417	
		12		17			5		
584	9.731 214	12	9.805 591	17	0.194 409	9.925 623	5	416	
585	9.731 226	12	9.805 608	17	0.194 392	9.925 618	5	415	
586	9.731 238	12	9.805 625	17	0.194 375	9.925 613	5	414	
		12		17			5		
587	9.731 250	12	9.805 642	16	0.194 358	9.925 608	4	413	
588	9.731 262	12	9.805 658	17	0.194 342	9.925 604	5	412	
589	9.731 274	12	9.805 675	17	0.194 325	9.925 599	5	411	
		11		17			5		
.590	9.731 285	12	9.805 692	16	0.194 308	9.925 594	5	.410	
		12		17			5		
591	9.731 297	12	9.805 708	17	0.194 292	9.925 589	5	409	
592	9.731 309	12	9.805 725	17	0.194 275	9.925 584	5	408	
593	9.731 321	12	9.805 742	17	0.194 258	9.925 579	5	407	
		12		16			5		
594	9.731 333	12	9.805 758	17	0.194 242	9.925 574	4	406	
595	9.731 345	12	9.805 775	17	0.194 225	9.925 570	5	405	
596	9.731 357	12	9.805 792	17	0.194 208	9.925 565	5	404	
		11		17			5		
597	9.731 368	12	9.805 809	16	0.194 191	9.925 560	5	403	
598	9.731 380	12	9.805 825	17	0.194 175	9.925 555	5	402	
599	9.731 392	12	9.805 842	17	0.194 158	9.925 550	5	401	
		12		17			5		
.600	9.731 404		9.805 859		0.194 141	9.925 545		.400	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

32°.600 — 32°.650

32°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.731 404		9.805 859		0.194 141	9.925 545		.400	
601	9.731 416	12	9.805 875	16	0.194 125	9.925 541	4	399	
602	9.731 428	12	9.805 892	17	0.194 108	9.925 536	5	398	
603	9.731 440	12	9.805 909	17	0.194 091	9.925 531	5	397	
604	9.731 451	11	9.805 925	16	0.194 075	9.925 526	5	396	
605	9.731 463	12	9.805 942	17	0.194 058	9.925 521	5	395	
606	9.731 475	12	9.805 959	17	0.194 041	9.925 516	5	394	
607	9.731 487	12	9.805 976	17	0.194 024	9.925 511	5	393	
608	9.731 499	12	9.805 992	16	0.194 008	9.925 507	4	392	
609	9.731 511	12	9.806 009	17	0.193 991	9.925 502	5	391	
.610	9.731 523	12	9.806 026	17	0.193 974	9.925 497	5	.390	
611	9.731 534	11	9.806 042	16	0.193 958	9.925 492	5	389	
612	9.731 546	12	9.806 059	17	0.193 941	9.925 487	5	388	
613	9.731 558	12	9.806 076	17	0.193 924	9.925 482	5	387	
614	9.731 570	12	9.806 092	16	0.193 908	9.925 477	5	386	
615	9.731 582	12	9.806 109	17	0.193 891	9.925 473	4	385	
616	9.731 594	12	9.806 126	17	0.193 874	9.925 468	5	384	
617	9.731 605	11	9.806 143	17	0.193 857	9.925 463	5	383	
618	9.731 617	12	9.806 159	16	0.193 841	9.925 458	5	382	
619	9.731 629	12	9.806 176	17	0.193 824	9.925 453	5	381	
.620	9.731 641	12	9.806 193	17	0.193 807	9.925 448	5	.380	
621	9.731 653	12	9.806 209	16	0.193 791	9.925 444	4	379	
622	9.731 665	12	9.806 226	17	0.193 774	9.925 439	5	378	
623	9.731 677	12	9.806 243	17	0.193 757	9.925 434	5	377	
624	9.731 688	11	9.806 259	16	0.193 741	9.925 429	5	376	
625	9.731 700	12	9.806 276	17	0.193 724	9.925 424	5	375	
626	9.731 712	12	9.806 293	17	0.193 707	9.925 419	5	374	
627	9.731 724	12	9.806 309	16	0.193 691	9.925 414	5	373	
628	9.731 736	12	9.806 326	17	0.193 674	9.925 410	4	372	
629	9.731 748	12	9.806 343	17	0.193 657	9.925 405	5	371	
.630	9.731 759	11	9.806 360	17	0.193 640	9.925 400	5	.370	
631	9.731 771	12	9.806 376	16	0.193 624	9.925 395	5	369	
632	9.731 783	12	9.806 393	17	0.193 607	9.925 390	5	368	
633	9.731 795	12	9.806 410	17	0.193 590	9.925 385	5	367	
634	9.731 807	12	9.806 426	16	0.193 574	9.925 380	5	366	
635	9.731 819	12	9.806 443	17	0.193 557	9.925 376	4	365	
636	9.731 830	11	9.806 460	17	0.193 540	9.925 371	5	364	
637	9.731 842	12	9.806 476	16	0.193 524	9.925 366	5	363	
638	9.731 854	12	9.806 493	17	0.193 507	9.925 361	5	362	
639	9.731 866	12	9.806 510	17	0.193 490	9.925 356	5	361	
.640	9.731 878	12	9.806 526	16	0.193 474	9.925 351	5	.360	
641	9.731 890	12	9.806 543	17	0.193 457	9.925 346	5	359	
642	9.731 901	11	9.806 560	17	0.193 440	9.925 342	4	358	
643	9.731 913	12	9.806 577	17	0.193 423	9.925 337	5	357	
644	9.731 925	12	9.806 593	16	0.193 407	9.925 332	5	356	
645	9.731 937	12	9.806 610	17	0.193 390	9.925 327	5	355	
646	9.731 949	12	9.806 627	17	0.193 373	9.925 322	5	354	
647	9.731 961	12	9.806 643	16	0.193 357	9.925 317	5	353	
648	9.731 972	11	9.806 660	17	0.193 340	9.925 312	5	352	
649	9.731 984	12	9.806 677	17	0.193 323	9.925 308	4	351	
.650	9.731 996	12	9.806 693	16	0.193 307	9.925 303	5	.350	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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9	15.3	14.4

	12	11
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7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

32°.650 — 32°.700

32°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.731 996		9.806 693		0.193 307	9.925 303		.350	
651	9.732 008	12	9.806 710	17	0.193 290	9.925 298	5	349	
652	9.732 020	12	9.806 727	17	0.193 273	9.925 293	5	348	
653	9.732 032	12	9.806 743	16	0.193 257	9.925 288	5	347	
654	9.732 043	11	9.806 760	17	0.193 240	9.925 283	5	346	
655	9.732 055	12	9.806 777	17	0.193 223	9.925 278	5	345	
656	9.732 067	12	9.806 793	16	0.193 207	9.925 274	4	344	
657	9.732 079	12	9.806 810	17	0.193 190	9.925 269	5	343	
658	9.732 091	12	9.806 827	17	0.193 173	9.925 264	5	342	
659	9.732 103	12	9.806 843	16	0.193 157	9.925 259	5	341	
.660	9.732 114	11	9.806 860	17	0.193 140	9.925 254	5	.340	
661	9.732 126	12	9.806 877	17	0.193 123	9.925 249	5	339	
662	9.732 138	12	9.806 894	17	0.193 106	9.925 244	5	338	
663	9.732 150	12	9.806 910	16	0.193 090	9.925 240	4	337	
664	9.732 162	12	9.806 927	17	0.193 073	9.925 235	5	336	
665	9.732 173	11	9.806 944	17	0.193 056	9.925 230	5	335	
666	9.732 185	12	9.806 960	16	0.193 040	9.925 225	5	334	
667	9.732 197	12	9.806 977	17	0.193 023	9.925 220	5	333	
668	9.732 209	12	9.806 994	17	0.193 006	9.925 215	5	332	
669	9.732 221	12	9.807 010	16	0.192 990	9.925 210	5	331	
.670	9.732 233	12	9.807 027	17	0.192 973	9.925 206	4	.330	
671	9.732 244	11	9.807 044	17	0.192 956	9.925 201	5	329	
672	9.732 256	12	9.807 060	16	0.192 940	9.925 196	5	328	
673	9.732 268	12	9.807 077	17	0.192 923	9.925 191	5	327	
674	9.732 280	12	9.807 094	17	0.192 906	9.925 186	5	326	
675	9.732 292	12	9.807 110	16	0.192 890	9.925 181	5	325	
676	9.732 303	11	9.807 127	17	0.192 873	9.925 176	5	324	
677	9.732 315	12	9.807 144	17	0.192 856	9.925 172	4	323	
678	9.732 327	12	9.807 160	16	0.192 840	9.925 167	5	322	
679	9.732 339	12	9.807 177	17	0.192 823	9.925 162	5	321	
.680	9.732 351	12	9.807 194	17	0.192 806	9.925 157	5	.320	
681	9.732 363	12	9.807 210	16	0.192 790	9.925 152	5	319	
682	9.732 374	11	9.807 227	17	0.192 773	9.925 147	5	318	
683	9.732 386	12	9.807 244	17	0.192 756	9.925 142	5	317	
684	9.732 398	12	9.807 261	17	0.192 739	9.925 138	4	316	
685	9.732 410	12	9.807 277	16	0.192 723	9.925 133	5	315	
686	9.732 422	12	9.807 294	17	0.192 706	9.925 128	5	314	
687	9.732 433	11	9.807 311	17	0.192 689	9.925 123	5	313	
688	9.732 445	12	9.807 327	16	0.192 673	9.925 118	5	312	
689	9.732 457	12	9.807 344	17	0.192 656	9.925 113	5	311	
.690	9.732 469	12	9.807 361	17	0.192 639	9.925 108	5	.310	
691	9.732 481	12	9.807 377	16	0.192 623	9.925 103	5	309	
692	9.732 493	12	9.807 394	17	0.192 606	9.925 099	4	308	
693	9.732 504	11	9.807 411	17	0.192 589	9.925 094	5	307	
694	9.732 516	12	9.807 427	16	0.192 573	9.925 089	5	306	
695	9.732 528	12	9.807 444	17	0.192 556	9.925 084	5	305	
696	9.732 540	12	9.807 461	17	0.192 539	9.925 079	5	304	
697	9.732 552	12	9.807 477	16	0.192 523	9.925 074	5	303	
698	9.732 563	11	9.807 494	17	0.192 506	9.925 069	5	302	
699	9.732 575	12	9.807 511	17	0.192 489	9.925 065	4	301	
.700	9.732 587	12	9.807 527	16	0.192 473	9.925 060	5	.300	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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9	15.3	14.4

	12	11
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6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.350 — 57°.300

32°.700 — 32°.750

32°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.732 587		9.807 527		0.192 473	9.925 060		.300	
701	9.732 599	12	9.807 544	17	0.192 456	9.925 055	5	299	
702	9.732 611	12	9.807 561	17	0.192 439	9.925 050	5	298	
703	9.732 622	11	9.807 577	16	0.192 423	9.925 045	5	297	
704	9.732 634	12	9.807 594	17	0.192 406	9.925 040	5	296	
705	9.732 646	12	9.807 611	17	0.192 389	9.925 035	5	295	
706	9.732 658	12	9.807 627	16	0.192 373	9.925 030	5	294	
707	9.732 670	12	9.807 644	17	0.192 356	9.925 026	4	293	
708	9.732 681	11	9.807 661	17	0.192 339	9.925 021	5	292	
709	9.732 693	12	9.807 677	16	0.192 323	9.925 016	5	291	
.710	9.732 705	12	9.807 694	17	0.192 306	9.925 011	5	.290	
711	9.732 717	12	9.807 711	17	0.192 289	9.925 006	5	289	
712	9.732 729	12	9.807 727	16	0.192 273	9.925 001	5	288	
713	9.732 740	11	9.807 744	17	0.192 256	9.924 996	5	287	
714	9.732 752	12	9.807 761	17	0.192 239	9.924 992	4	286	
715	9.732 764	12	9.807 777	16	0.192 223	9.924 987	5	285	
716	9.732 776	12	9.807 794	17	0.192 206	9.924 982	5	284	
717	9.732 788	12	9.807 811	17	0.192 189	9.924 977	5	283	
718	9.732 799	11	9.807 827	16	0.192 173	9.924 972	5	282	
719	9.732 811	12	9.807 844	17	0.192 156	9.924 967	5	281	
.720	9.732 823	12	9.807 861	17	0.192 139	9.924 962	5	.280	
721	9.732 835	12	9.807 877	16	0.192 123	9.924 957	5	279	
722	9.732 847	12	9.807 894	17	0.192 106	9.924 953	4	278	
723	9.732 858	11	9.807 911	17	0.192 089	9.924 948	5	277	
724	9.732 870	12	9.807 927	16	0.192 073	9.924 943	5	276	
725	9.732 882	12	9.807 944	17	0.192 056	9.924 938	5	275	
726	9.732 894	12	9.807 961	17	0.192 039	9.924 933	5	274	
727	9.732 906	12	9.807 977	16	0.192 023	9.924 928	5	273	
728	9.732 917	11	9.807 994	17	0.192 006	9.924 923	5	272	
729	9.732 929	12	9.808 011	17	0.191 989	9.924 918	5	271	
.730	9.732 941	12	9.808 027	16	0.191 973	9.924 914	4	.270	
731	9.732 953	12	9.808 044	17	0.191 956	9.924 909	5	269	
732	9.732 965	12	9.808 061	17	0.191 939	9.924 904	5	268	
733	9.732 976	11	9.808 077	16	0.191 923	9.924 899	5	267	
734	9.732 988	12	9.808 094	17	0.191 906	9.924 894	5	266	
735	9.733 000	12	9.808 111	17	0.191 889	9.924 889	5	265	
736	9.733 012	12	9.808 127	16	0.191 873	9.924 884	5	264	
737	9.733 024	12	9.808 144	17	0.191 856	9.924 880	4	263	
738	9.733 035	11	9.808 161	17	0.191 839	9.924 875	5	262	
739	9.733 047	12	9.808 177	16	0.191 823	9.924 870	5	261	
.740	9.733 059	12	9.808 194	17	0.191 806	9.924 865	5	.260	
741	9.733 071	12	9.808 211	17	0.191 789	9.924 860	5	259	
742	9.733 082	11	9.808 227	16	0.191 773	9.924 855	5	258	
743	9.733 094	12	9.808 244	17	0.191 756	9.924 850	5	257	
744	9.733 106	12	9.808 261	17	0.191 739	9.924 845	5	256	
745	9.733 118	12	9.808 277	16	0.191 723	9.924 841	4	255	
746	9.733 130	12	9.808 294	17	0.191 706	9.924 836	5	254	
747	9.733 141	11	9.808 311	17	0.191 689	9.924 831	5	253	
748	9.733 153	12	9.808 327	16	0.191 673	9.924 826	5	252	
749	9.733 165	12	9.808 344	17	0.191 656	9.924 821	5	251	
.750	9.733 177	12	9.808 361	17	0.191 639	9.924 816	5	.250	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.300 — 57°.250

32°.750 — 32°.800

32°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.733 177		9.808 361		0.191 639	9.924 816		.250	
751	9.733 189	12	9.808 377	16	0.191 623	9.924 811	5	249	
752	9.733 200	11	9.808 394	17	0.191 606	9.924 806	5	248	
753	9.733 212	12	9.808 411	17	0.191 589	9.924 802	4	247	
		12		16			5		
754	9.733 224	12	9.808 427	17	0.191 573	9.924 797	5	246	
755	9.733 236	11	9.808 444	17	0.191 556	9.924 792	5	245	
756	9.733 247	12	9.808 461	17	0.191 539	9.924 787	5	244	
		12		16			5		
757	9.733 259	12	9.808 477	17	0.191 523	9.924 782	5	243	
758	9.733 271	12	9.808 494	17	0.191 506	9.924 777	5	242	
759	9.733 283	12	9.808 511	17	0.191 489	9.924 772	5	241	
		12		16			5		
.760	9.733 295	11	9.808 527	17	0.191 473	9.924 767	5	.240	
		12		17			5		
761	9.733 306	12	9.808 544	17	0.191 456	9.924 762	4	239	
762	9.733 318	12	9.808 561	16	0.191 439	9.924 758	5	238	
763	9.733 330	12	9.808 577	17	0.191 423	9.924 753	5	237	
		12		17			5		
764	9.733 342	11	9.808 594	16	0.191 406	9.924 748	5	236	
765	9.733 353	12	9.808 610	17	0.191 390	9.924 743	5	235	
766	9.733 365	12	9.808 627	17	0.191 373	9.924 738	5	234	
		12		17			5		
767	9.733 377	12	9.808 644	16	0.191 356	9.924 733	5	233	
768	9.733 389	12	9.808 660	17	0.191 340	9.924 728	5	232	
769	9.733 401	12	9.808 677	17	0.191 323	9.924 723	5	231	
		11		17			4		
.770	9.733 412	12	9.808 694	16	0.191 306	9.924 719	5	.230	
		12		17			5		
771	9.733 424	12	9.808 710	17	0.191 290	9.924 714	5	229	
772	9.733 436	12	9.808 727	17	0.191 273	9.924 709	5	228	
773	9.733 448	11	9.808 744	16	0.191 256	9.924 704	5	227	
		12		16			5		
774	9.733 459	12	9.808 760	17	0.191 240	9.924 699	5	226	
775	9.733 471	12	9.808 777	17	0.191 223	9.924 694	5	225	
776	9.733 483	12	9.808 794	16	0.191 206	9.924 689	5	224	
		12		17			5		
777	9.733 495	12	9.808 810	17	0.191 190	9.924 684	4	223	
778	9.733 507	11	9.808 827	17	0.191 173	9.924 680	5	222	
779	9.733 518	12	9.808 844	16	0.191 156	9.924 675	5	221	
		12		17			5		
.780	9.733 530	12	9.808 860	17	0.191 140	9.924 670	5	.220	
		12		17			5		
781	9.733 542	12	9.808 877	17	0.191 123	9.924 665	5	219	
782	9.733 554	11	9.808 894	16	0.191 106	9.924 660	5	218	
783	9.733 565	12	9.808 910	17	0.191 090	9.924 655	5	217	
		12		17			5		
784	9.733 577	12	9.808 927	17	0.191 073	9.924 650	5	216	
785	9.733 589	12	9.808 944	16	0.191 056	9.924 645	5	215	
786	9.733 601	11	9.808 960	17	0.191 040	9.924 641	4	214	
		12		17			5		
787	9.733 612	12	9.808 977	17	0.191 023	9.924 636	5	213	
788	9.733 624	12	9.808 994	16	0.191 006	9.924 631	5	212	
789	9.733 636	12	9.809 010	17	0.190 990	9.924 626	5	211	
		12		16			5		
.790	9.733 648	12	9.809 027	16	0.190 973	9.924 621	5	.210	
		11		17			5		
791	9.733 660	12	9.809 043	17	0.190 957	9.924 616	5	209	
792	9.733 671	12	9.809 060	17	0.190 940	9.924 611	5	208	
793	9.733 683	12	9.809 077	16	0.190 923	9.924 606	5	207	
		12		17			5		
794	9.733 695	12	9.809 093	17	0.190 907	9.924 601	4	206	
795	9.733 707	11	9.809 110	17	0.190 890	9.924 597	5	205	
796	9.733 718	12	9.809 127	16	0.190 873	9.924 592	5	204	
		12		17			5		
797	9.733 730	12	9.809 143	17	0.190 857	9.924 587	5	203	
798	9.733 742	12	9.809 160	17	0.190 840	9.924 582	5	202	
799	9.733 754	11	9.809 177	16	0.190 823	9.924 577	5	201	
		12		16			5		
.800	9.733 765	12	9.809 193	16	0.190 807	9.924 572	5	.200	
		11		16			5		
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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9	15.3	14.4

	12	11
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5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

32°.800 — 32°.850

32°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.733 765		9.809 193		0.190 807	9.924 572		.200	
801	9.733 777	12	9.809 210	17	0.190 790	9.924 567	5	199	
802	9.733 789	12	9.809 227	17	0.190 773	9.924 562	5	198	
803	9.733 801	12	9.809 243	16	0.190 757	9.924 557	5	197	
804	9.733 812	11	9.809 260	17	0.190 740	9.924 553	4	196	
805	9.733 824	12	9.809 277	17	0.190 723	9.924 548	5	195	
806	9.733 836	12	9.809 293	16	0.190 707	9.924 543	5	194	
807	9.733 848	12	9.809 310	17	0.190 690	9.924 538	5	193	
808	9.733 859	11	9.809 326	16	0.190 674	9.924 533	5	192	
809	9.733 871	12	9.809 343	17	0.190 657	9.924 528	5	191	
.810	9.733 883	12	9.809 360	17	0.190 640	9.924 523	5	.190	
811	9.733 895	12	9.809 376	16	0.190 624	9.924 518	5	189	
812	9.733 907	12	9.809 393	17	0.190 607	9.924 513	5	188	
813	9.733 918	11	9.809 410	17	0.190 590	9.924 509	4	187	
814	9.733 930	12	9.809 426	16	0.190 574	9.924 504	5	186	
815	9.733 942	12	9.809 443	17	0.190 557	9.924 499	5	185	
816	9.733 954	12	9.809 460	17	0.190 540	9.924 494	5	184	
817	9.733 965	11	9.809 476	16	0.190 524	9.924 489	5	183	
818	9.733 977	12	9.809 493	17	0.190 507	9.924 484	5	182	
819	9.733 989	12	9.809 510	17	0.190 490	9.924 479	5	181	
.820	9.734 001	12	9.809 526	16	0.190 474	9.924 474	5	.180	
821	9.734 012	11	9.809 543	17	0.190 457	9.924 470	4	179	
822	9.734 024	12	9.809 559	16	0.190 441	9.924 465	5	178	
823	9.734 036	12	9.809 576	17	0.190 424	9.924 460	5	177	
824	9.734 048	12	9.809 593	17	0.190 407	9.924 455	5	176	
825	9.734 059	11	9.809 609	16	0.190 391	9.924 450	5	175	
826	9.734 071	12	9.809 626	17	0.190 374	9.924 445	5	174	
827	9.734 083	12	9.809 643	17	0.190 357	9.924 440	5	173	
828	9.734 095	12	9.809 659	16	0.190 341	9.924 435	5	172	
829	9.734 106	11	9.809 676	17	0.190 324	9.924 430	5	171	
.830	9.734 118	12	9.809 693	17	0.190 307	9.924 426	4	.170	
831	9.734 130	12	9.809 709	16	0.190 291	9.924 421	5	169	
832	9.734 142	12	9.809 726	17	0.190 274	9.924 416	5	168	
833	9.734 153	11	9.809 742	16	0.190 258	9.924 411	5	167	
834	9.734 165	12	9.809 759	17	0.190 241	9.924 406	5	166	
835	9.734 177	12	9.809 776	17	0.190 224	9.924 401	5	165	
836	9.734 189	12	9.809 792	16	0.190 208	9.924 396	5	164	
837	9.734 200	11	9.809 809	17	0.190 191	9.924 391	5	163	
838	9.734 212	12	9.809 826	17	0.190 174	9.924 386	5	162	
839	9.734 224	12	9.809 842	16	0.190 158	9.924 381	5	161	
.840	9.734 236	12	9.809 859	17	0.190 141	9.924 377	4	.160	
841	9.734 247	11	9.809 876	17	0.190 124	9.924 372	5	159	
842	9.734 259	12	9.809 892	16	0.190 108	9.924 367	5	158	
843	9.734 271	12	9.809 909	17	0.190 091	9.924 362	5	157	
844	9.734 282	11	9.809 925	16	0.190 075	9.924 357	5	156	
845	9.734 294	12	9.809 942	17	0.190 058	9.924 352	5	155	
846	9.734 306	12	9.809 959	17	0.190 041	9.924 347	5	154	
847	9.734 318	12	9.809 975	16	0.190 025	9.924 342	5	153	
848	9.734 329	11	9.809 992	17	0.190 008	9.924 337	5	152	
849	9.734 341	12	9.810 009	17	0.189 991	9.924 333	4	151	
.850	9.734 353	12	9.810 025	16	0.189 975	9.924 328	5	.150	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.200 — 57°.150

32°.850 — 32°.900

32°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.734 353		9.810 025		0.189 975	9.924 328		.150	
851	9.734 365	12	9.810 042	17	0.189 958	9.924 323	5	149	
852	9.734 376	11	9.810 059	17	0.189 941	9.924 318	5	148	
853	9.734 388	12	9.810 075	16	0.189 925	9.924 313	5	147	
854	9.734 400	12	9.810 092	17	0.189 908	9.924 308	5	146	
855	9.734 412	12	9.810 108	16	0.189 892	9.924 303	5	145	
856	9.734 423	11	9.810 125	17	0.189 875	9.924 298	5	144	
857	9.734 435	12	9.810 142	17	0.189 858	9.924 293	5	143	
858	9.734 447	12	9.810 158	16	0.189 842	9.924 288	5	142	
859	9.734 459	12	9.810 175	17	0.189 825	9.924 284	4	141	
.860	9.734 470	11	9.810 192	17	0.189 808	9.924 279	5	.140	
861	9.734 482	12	9.810 208	16	0.189 792	9.924 274	5	139	
862	9.734 494	12	9.810 225	17	0.189 775	9.924 269	5	138	
863	9.734 506	12	9.810 241	16	0.189 759	9.924 264	5	137	
864	9.734 517	11	9.810 258	17	0.189 742	9.924 259	5	136	
865	9.734 529	12	9.810 275	17	0.189 725	9.924 254	5	135	
866	9.734 541	12	9.810 291	16	0.189 709	9.924 249	5	134	
867	9.734 552	11	9.810 308	17	0.189 692	9.924 244	5	133	
868	9.734 564	12	9.810 325	17	0.189 675	9.924 240	4	132	
869	9.734 576	12	9.810 341	16	0.189 659	9.924 235	5	131	
.870	9.734 588	12	9.810 358	17	0.189 642	9.924 230	5	.130	
871	9.734 599	11	9.810 375	17	0.189 625	9.924 225	5	129	
872	9.734 611	12	9.810 391	16	0.189 609	9.924 220	5	128	
873	9.734 623	12	9.810 408	17	0.189 592	9.924 215	5	127	
874	9.734 635	12	9.810 424	16	0.189 576	9.924 210	5	126	
875	9.734 646	11	9.810 441	17	0.189 559	9.924 205	5	125	
876	9.734 658	12	9.810 458	17	0.189 542	9.924 200	5	124	
877	9.734 670	12	9.810 474	16	0.189 526	9.924 195	5	123	
878	9.734 681	11	9.810 491	17	0.189 509	9.924 191	4	122	
879	9.734 693	12	9.810 508	17	0.189 492	9.924 186	5	121	
.880	9.734 705	12	9.810 524	16	0.189 476	9.924 181	5	.120	
881	9.734 717	12	9.810 541	17	0.189 459	9.924 176	5	119	
882	9.734 728	11	9.810 557	16	0.189 443	9.924 171	5	118	
883	9.734 740	12	9.810 574	17	0.189 426	9.924 166	5	117	
884	9.734 752	12	9.810 591	17	0.189 409	9.924 161	5	116	
885	9.734 764	12	9.810 607	16	0.189 393	9.924 156	5	115	
886	9.734 775	11	9.810 624	17	0.189 376	9.924 151	5	114	
887	9.734 787	12	9.810 641	17	0.189 359	9.924 146	5	113	
888	9.734 799	12	9.810 657	16	0.189 343	9.924 142	4	112	
889	9.734 810	11	9.810 674	17	0.189 326	9.924 137	5	111	
.890	9.734 822	12	9.810 690	16	0.189 310	9.924 132	5	.110	
891	9.734 834	12	9.810 707	17	0.189 293	9.924 127	5	109	
892	9.734 846	12	9.810 724	17	0.189 276	9.924 122	5	108	
893	9.734 857	11	9.810 740	16	0.189 260	9.924 117	5	107	
894	9.734 869	12	9.810 757	17	0.189 243	9.924 112	5	106	
895	9.734 881	12	9.810 774	17	0.189 226	9.924 107	5	105	
896	9.734 892	11	9.810 790	16	0.189 210	9.924 102	5	104	
897	9.734 904	12	9.810 807	17	0.189 193	9.924 097	5	103	
898	9.734 916	12	9.810 823	16	0.189 177	9.924 093	4	102	
899	9.734 928	12	9.810 840	17	0.189 160	9.924 088	5	101	
.900	9.734 939	11	9.810 857	17	0.189 143	9.924 083	5	.100	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.150 — 57°.100

32°.900 — 32°.950

32°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.734 939		9.810 857		0.189 143	9.924 083		.100	
901	9.734 951	12	9.810 873	16	0.189 127	9.924 078	5	099	
902	9.734 963	12	9.810 890	17	0.189 110	9.924 073	5	098	
903	9.734 974	11	9.810 906	16	0.189 094	9.924 068	5	097	
		12		17			5		
904	9.734 986	12	9.810 923	17	0.189 077	9.924 063	5	096	
905	9.734 998	12	9.810 940	17	0.189 060	9.924 058	5	095	
906	9.735 010	12	9.810 956	16	0.189 044	9.924 053	5	094	
		11		17			5		
907	9.735 021	12	9.810 973	17	0.189 027	9.924 048	5	093	
908	9.735 033	12	9.810 990	17	0.189 010	9.924 043	5	092	
909	9.735 045	12	9.811 006	16	0.188 994	9.924 039	4	091	
		11		17			5		
.910	9.735 056	12	9.811 023	16	0.188 977	9.924 034	5	.090	
		12		17			5		
911	9.735 068	12	9.811 039	17	0.188 961	9.924 029	5	089	
912	9.735 080	12	9.811 056	17	0.188 944	9.924 024	5	088	
913	9.735 092	12	9.811 073	17	0.188 927	9.924 019	5	087	
		11		16			5		
914	9.735 103	12	9.811 089	17	0.188 911	9.924 014	5	086	
915	9.735 115	12	9.811 106	17	0.188 894	9.924 009	5	085	
916	9.735 127	12	9.811 123	17	0.188 877	9.924 004	5	084	
		11		16			5		
917	9.735 138	12	9.811 139	17	0.188 861	9.923 999	5	083	
918	9.735 150	12	9.811 156	17	0.188 844	9.923 994	5	082	
919	9.735 162	12	9.811 172	16	0.188 828	9.923 990	4	081	
		12		17			5		
.920	9.735 174	11	9.811 189	17	0.188 811	9.923 985	5	.080	
		12		16			5		
921	9.735 185	12	9.811 206	16	0.188 794	9.923 980	5	079	
922	9.735 197	12	9.811 222	17	0.188 778	9.923 975	5	078	
923	9.735 209	12	9.811 239	17	0.188 761	9.923 970	5	077	
		11		16			5		
924	9.735 220	12	9.811 255	17	0.188 745	9.923 965	5	076	
925	9.735 232	12	9.811 272	17	0.188 728	9.923 960	5	075	
926	9.735 244	12	9.811 289	17	0.188 711	9.923 955	5	074	
		12		16			5		
927	9.735 256	11	9.811 305	17	0.188 695	9.923 950	5	073	
928	9.735 267	12	9.811 322	17	0.188 678	9.923 945	5	072	
929	9.735 279	12	9.811 339	17	0.188 661	9.923 940	5	071	
		12		16			4		
.930	9.735 291	11	9.811 355	17	0.188 645	9.923 936	5	.070	
		12		16			5		
931	9.735 302	12	9.811 372	16	0.188 628	9.923 931	5	069	
932	9.735 314	12	9.811 388	17	0.188 612	9.923 926	5	068	
933	9.735 326	11	9.811 405	17	0.188 595	9.923 921	5	067	
		12		16			5		
934	9.735 337	12	9.811 422	16	0.188 578	9.923 916	5	066	
935	9.735 349	12	9.811 438	17	0.188 562	9.923 911	5	065	
936	9.735 361	12	9.811 455	16	0.188 545	9.923 906	5	064	
		11		17			5		
937	9.735 373	12	9.811 471	17	0.188 529	9.923 901	5	063	
938	9.735 384	12	9.811 488	17	0.188 512	9.923 896	5	062	
939	9.735 396	12	9.811 505	16	0.188 495	9.923 891	5	061	
		11		17			5		
.940	9.735 408	12	9.811 521	16	0.188 479	9.923 886	5	.060	
		12		16			5		
941	9.735 419	12	9.811 538	16	0.188 462	9.923 881	4	059	
942	9.735 431	12	9.811 554	17	0.188 446	9.923 877	5	058	
943	9.735 443	11	9.811 571	17	0.188 429	9.923 872	5	057	
		12		16			5		
944	9.735 454	12	9.811 588	16	0.188 412	9.923 867	5	056	
945	9.735 466	12	9.811 604	17	0.188 396	9.923 862	5	055	
946	9.735 478	12	9.811 621	17	0.188 379	9.923 857	5	054	
		11		16			5		
947	9.735 490	12	9.811 637	17	0.188 363	9.923 852	5	053	
948	9.735 501	12	9.811 654	17	0.188 346	9.923 847	5	052	
949	9.735 513	12	9.811 671	17	0.188 329	9.923 842	5	051	
		12		16			5		
.950	9.735 525	11	9.811 687	16	0.188 313	9.923 837	5	.050	
		12		16			5		
	cos	d	cotg	d	tang	sin	d	57°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

57°.100 — 57°.050

32°.950 — 33°.000

32°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.735 525		9.811 687		0.188 313	9.923 837		.050	
951	9.735 536	11	9.811 704	17	0.188 296	9.923 832	5	049	
952	9.735 548	12	9.811 721	17	0.188 279	9.923 827	5	048	
953	9.735 560	12	9.811 737	16	0.188 263	9.923 823	4	047	
		11		17			5		
954	9.735 571	12	9.811 754	16	0.188 246	9.923 818	5	046	
955	9.735 583	12	9.811 770	17	0.188 230	9.923 813	5	045	
956	9.735 595	12	9.811 787	17	0.188 213	9.923 808	5	044	
		11		17			5		
957	9.735 606	12	9.811 804	16	0.188 196	9.923 803	5	043	
958	9.735 618	12	9.811 820	17	0.188 180	9.923 798	5	042	
959	9.735 630	12	9.811 837	17	0.188 163	9.923 793	5	041	
		12		16			5		
.960	9.735 642		9.811 853		0.188 147	9.923 788		.040	
		11		17			5		
961	9.735 653	12	9.811 870	17	0.188 130	9.923 783	5	039	
962	9.735 665	12	9.811 887	17	0.188 113	9.923 778	5	038	
963	9.735 677	12	9.811 903	16	0.188 097	9.923 773	5	037	
		11		17			5		
964	9.735 688	12	9.811 920	16	0.188 080	9.923 768	4	036	
965	9.735 700	12	9.811 936	17	0.188 064	9.923 764	5	035	
966	9.735 712	12	9.811 953	17	0.188 047	9.923 759	5	034	
		11		17			5		
967	9.735 723	12	9.811 970	16	0.188 030	9.923 754	5	033	
968	9.735 735	12	9.811 986	17	0.188 014	9.923 749	5	032	
969	9.735 747	12	9.812 003	17	0.187 997	9.923 744	5	031	
		11		16			5		
.970	9.735 758		9.812 019		0.187 981	9.923 739		.030	
		12		17			5		
971	9.735 770	12	9.812 036	17	0.187 964	9.923 734	5	029	
972	9.735 782	11	9.812 053	16	0.187 947	9.923 729	5	028	
973	9.735 793	12	9.812 069	17	0.187 931	9.923 724	5	027	
		12		17			5		
974	9.735 805	12	9.812 086	16	0.187 914	9.923 719	5	026	
975	9.735 817	12	9.812 102	17	0.187 898	9.923 714	5	025	
976	9.735 829	12	9.812 119	17	0.187 881	9.923 709	5	024	
		11		17			4		
977	9.735 840	12	9.812 136	16	0.187 864	9.923 705	5	023	
978	9.735 852	12	9.812 152	17	0.187 848	9.923 700	5	022	
979	9.735 864	12	9.812 169	17	0.187 831	9.923 695	5	021	
		11		16			5		
.980	9.735 875		9.812 185		0.187 815	9.923 690		.020	
		12		17			5		
981	9.735 887	12	9.812 202	17	0.187 798	9.923 685	5	019	
982	9.735 899	11	9.812 219	16	0.187 781	9.923 680	5	018	
983	9.735 910	12	9.812 235	17	0.187 765	9.923 675	5	017	
		12		16			5		
984	9.735 922	12	9.812 252	16	0.187 748	9.923 670	5	016	
985	9.735 934	11	9.812 268	17	0.187 732	9.923 665	5	015	
986	9.735 945	12	9.812 285	17	0.187 715	9.923 660	5	014	
		12		16			5		
987	9.735 957	12	9.812 302	16	0.187 698	9.923 655	5	013	
988	9.735 969	11	9.812 318	17	0.187 682	9.923 650	5	012	
989	9.735 980	12	9.812 335	17	0.187 665	9.923 646	4	011	
		12		16			5		
.990	9.735 992		9.812 351		0.187 649	9.923 641		.010	
		12		17			5		
991	9.736 004	11	9.812 368	17	0.187 632	9.923 636	5	009	
992	9.736 015	12	9.812 385	16	0.187 615	9.923 631	5	008	
993	9.736 027	12	9.812 401	17	0.187 599	9.923 626	5	007	
		12		16			5		
994	9.736 039	11	9.812 418	16	0.187 582	9.923 621	5	006	
995	9.736 050	12	9.812 434	17	0.187 566	9.923 616	5	005	
996	9.736 062	12	9.812 451	17	0.187 549	9.923 611	5	004	
		12		17			5		
997	9.736 074	11	9.812 468	16	0.187 532	9.923 606	5	003	
998	9.736 085	12	9.812 484	17	0.187 516	9.923 601	5	002	
999	9.736 097	12	9.812 501	17	0.187 499	9.923 596	5	001	
		12		16			5		
*.000	9.736 109		9.812 517		0.187 483	9.923 591		.000	
	cos	d	cotg	d	tang	sin	d	57°	P.P.

57°.050 — 57°.000

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

33°.000 — 33°.050

33°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.736 109		9.812 517		0.187 483	9.923 591		*.000	
001	9.736 120	11	9.812 534	17	0.187 466	9.923 586	5	999	
002	9.736 132	12	9.812 551	17	0.187 449	9.923 582	4	998	
003	9.736 144	12	9.812 567	16	0.187 433	9.923 577	5	997	
004	9.736 155	11	9.812 584	17	0.187 416	9.923 572	5	996	
005	9.736 167	12	9.812 600	16	0.187 400	9.923 567	5	995	
006	9.736 179	12	9.812 617	17	0.187 383	9.923 562	5	994	
007	9.736 190	11	9.812 634	17	0.187 366	9.923 557	5	993	
008	9.736 202	12	9.812 650	16	0.187 350	9.923 552	5	992	
009	9.736 214	12	9.812 667	17	0.187 333	9.923 547	5	991	
.010	9.736 225	11	9.812 683	16	0.187 317	9.923 542	5	.990	
011	9.736 237	12	9.812 700	17	0.187 300	9.923 537	5	989	
012	9.736 249	12	9.812 716	16	0.187 284	9.923 532	5	988	
013	9.736 260	11	9.812 733	17	0.187 267	9.923 527	5	987	
014	9.736 272	12	9.812 750	17	0.187 250	9.923 522	5	986	
015	9.736 284	12	9.812 766	16	0.187 234	9.923 518	4	985	
016	9.736 295	11	9.812 783	17	0.187 217	9.923 513	5	984	
017	9.736 307	12	9.812 799	16	0.187 201	9.923 508	5	983	
018	9.736 319	12	9.812 816	17	0.187 184	9.923 503	5	982	
019	9.736 330	11	9.812 833	17	0.187 167	9.923 498	5	981	
.020	9.736 342	12	9.812 849	16	0.187 151	9.923 493	5	.980	
021	9.736 354	12	9.812 866	17	0.187 134	9.923 488	5	979	
022	9.736 365	11	9.812 882	16	0.187 118	9.923 483	5	978	
023	9.736 377	12	9.812 899	17	0.187 101	9.923 478	5	977	
024	9.736 389	12	9.812 916	17	0.187 084	9.923 473	5	976	
025	9.736 400	11	9.812 932	16	0.187 068	9.923 468	5	975	
026	9.736 412	12	9.812 949	17	0.187 051	9.923 463	5	974	
027	9.736 424	12	9.812 965	16	0.187 035	9.923 458	5	973	
028	9.736 435	11	9.812 982	17	0.187 018	9.923 454	4	972	
029	9.736 447	12	9.812 998	16	0.187 002	9.923 449	5	971	
.030	9.736 459	12	9.813 015	17	0.186 985	9.923 444	5	.970	
031	9.736 470	11	9.813 032	17	0.186 968	9.923 439	5	969	
032	9.736 482	12	9.813 048	16	0.186 952	9.923 434	5	968	
033	9.736 494	12	9.813 065	17	0.186 935	9.923 429	5	967	
034	9.736 505	11	9.813 081	16	0.186 919	9.923 424	5	966	
035	9.736 517	12	9.813 098	17	0.186 902	9.923 419	5	965	
036	9.736 529	12	9.813 115	17	0.186 885	9.923 414	5	964	
037	9.736 540	11	9.813 131	16	0.186 869	9.923 409	5	963	
038	9.736 552	12	9.813 148	17	0.186 852	9.923 404	5	962	
039	9.736 564	12	9.813 164	16	0.186 836	9.923 399	5	961	
.040	9.736 575	11	9.813 181	17	0.186 819	9.923 394	5	.960	
041	9.736 587	12	9.813 198	17	0.186 802	9.923 389	5	959	
042	9.736 599	12	9.813 214	16	0.186 786	9.923 384	5	958	
043	9.736 610	11	9.813 231	17	0.186 769	9.923 380	4	957	
044	9.736 622	12	9.813 247	16	0.186 753	9.923 375	5	956	
045	9.736 634	12	9.813 264	17	0.186 736	9.923 370	5	955	
046	9.736 645	11	9.813 280	16	0.186 720	9.923 365	5	954	
047	9.736 657	12	9.813 297	17	0.186 703	9.923 360	5	953	
048	9.736 669	12	9.813 314	17	0.186 686	9.923 355	5	952	
049	9.736 680	11	9.813 330	16	0.186 670	9.923 350	5	951	
.050	9.736 692	12	9.813 347	17	0.186 653	9.923 345	5	.950	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

33°.050 — 33°.100

33°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.736 692		9.813 347		0.186 653	9.923 345		.950	
051	9.736 703	11	9.813 363	16	0.186 637	9.923 340	5	949	
052	9.736 715	12	9.813 380	17	0.186 620	9.923 335	5	948	
053	9.736 727	12	9.813 397	17	0.186 603	9.923 330	5	947	
		11		16			5		
054	9.736 738	11	9.813 413	16	0.186 587	9.923 325	5	946	
055	9.736 750	12	9.813 430	17	0.186 570	9.923 320	5	945	
056	9.736 762	12	9.813 446	16	0.186 554	9.923 315	5	944	
		11		17			4		
057	9.736 773	12	9.813 463	16	0.186 537	9.923 311	5	943	
058	9.736 785	12	9.813 479	17	0.186 521	9.923 306	5	942	
059	9.736 797	12	9.813 496	17	0.186 504	9.923 301	5	941	
.060	9.736 808	11	9.813 513	17	0.186 487	9.923 296	5	.940	
		12		16			5		
061	9.736 820	12	9.813 529	17	0.186 471	9.923 291	5	939	
062	9.736 832	11	9.813 546	16	0.186 454	9.923 286	5	938	
063	9.736 843	12	9.813 562	16	0.186 438	9.923 281	5	937	
		12		17			5		
064	9.736 855	12	9.813 579	16	0.186 421	9.923 276	5	936	
065	9.736 867	11	9.813 595	16	0.186 405	9.923 271	5	935	
066	9.736 878	11	9.813 612	17	0.186 388	9.923 266	5	934	
		12		17			5		
067	9.736 890	11	9.813 629	16	0.186 371	9.923 261	5	933	
068	9.736 901	12	9.813 645	16	0.186 355	9.923 256	5	932	
069	9.736 913	12	9.813 662	17	0.186 338	9.923 251	5	931	
		12		16			5		
.070	9.736 925	11	9.813 678	17	0.186 322	9.923 246	5	.930	
		12		16			5		
071	9.736 936	12	9.813 695	16	0.186 305	9.923 241	5	929	
072	9.736 948	12	9.813 711	17	0.186 289	9.923 236	5	928	
073	9.736 960	11	9.813 728	17	0.186 272	9.923 232	4	927	
		11		17			5		
074	9.736 971	12	9.813 745	16	0.186 255	9.923 227	5	926	
075	9.736 983	12	9.813 761	16	0.186 239	9.923 222	5	925	
076	9.736 995	12	9.813 778	17	0.186 222	9.923 217	5	924	
		11		16			5		
077	9.737 006	12	9.813 794	17	0.186 206	9.923 212	5	923	
078	9.737 018	11	9.813 811	17	0.186 189	9.923 207	5	922	
079	9.737 029	11	9.813 828	17	0.186 172	9.923 202	5	921	
		12		16			5		
.080	9.737 041	12	9.813 844	17	0.186 156	9.923 197	5	.920	
		12		16			5		
081	9.737 053	11	9.813 861	16	0.186 139	9.923 192	5	919	
082	9.737 064	12	9.813 877	17	0.186 123	9.923 187	5	918	
083	9.737 076	12	9.813 894	16	0.186 106	9.923 182	5	917	
		12		16			5		
084	9.737 088	11	9.813 910	17	0.186 090	9.923 177	5	916	
085	9.737 099	12	9.813 927	17	0.186 073	9.923 172	5	915	
086	9.737 111	12	9.813 944	16	0.186 056	9.923 167	5	914	
		12		16			5		
087	9.737 123	11	9.813 960	17	0.186 040	9.923 162	5	913	
088	9.737 134	12	9.813 977	16	0.186 023	9.923 158	4	912	
089	9.737 146	12	9.813 993	16	0.186 007	9.923 153	5	911	
		11		17			5		
.090	9.737 157	12	9.814 010	16	0.185 990	9.923 148	5	.910	
		12		16			5		
091	9.737 169	12	9.814 026	17	0.185 974	9.923 143	5	909	
092	9.737 181	11	9.814 043	17	0.185 957	9.923 138	5	908	
093	9.737 192	12	9.814 060	16	0.185 940	9.923 133	5	907	
		12		16			5		
094	9.737 204	12	9.814 076	17	0.185 924	9.923 128	5	906	
095	9.737 216	11	9.814 093	16	0.185 907	9.923 123	5	905	
096	9.737 227	11	9.814 109	16	0.185 891	9.923 118	5	904	
		12		17			5		
097	9.737 239	11	9.814 126	16	0.185 874	9.923 113	5	903	
098	9.737 250	12	9.814 142	17	0.185 858	9.923 108	5	902	
099	9.737 262	12	9.814 159	17	0.185 841	9.923 103	5	901	
		12		17			5		
.100	9.737 274		9.814 176		0.185 824	9.923 098		.900	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
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2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.950 — 56°.900

33°.100 — 33°.150

33°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.737 274		9.814 176		0.185 824	9.923 098		.900	
101	9.737 285	11	9.814 192	16	0.185 808	9.923 093	5	899	
102	9.737 297	12	9.814 209	17	0.185 791	9.923 088	5	898	
103	9.737 309	12	9.814 225	16	0.185 775	9.923 083	5	897	
		11		17			5		
104	9.737 320	12	9.814 242	16	0.185 758	9.923 078	4	896	
105	9.737 332	11	9.814 258	17	0.185 742	9.923 074	5	895	
106	9.737 343	12	9.814 275	16	0.185 725	9.923 069	5	894	
		12		16			5		
107	9.737 355	12	9.814 291	17	0.185 709	9.923 064	5	893	
108	9.737 367	11	9.814 308	17	0.185 692	9.923 059	5	892	
109	9.737 378	11	9.814 325	17	0.185 675	9.923 054	5	891	
		12		16			5		
.110	9.737 390	12	9.814 341	17	0.185 659	9.923 049	5	.890	
		12		17			5		
111	9.737 402	11	9.814 358	16	0.185 642	9.923 044	5	889	
112	9.737 413	12	9.814 374	17	0.185 626	9.923 039	5	888	
113	9.737 425	12	9.814 391	17	0.185 609	9.923 034	5	887	
		11		16			5		
114	9.737 436	12	9.814 407	17	0.185 593	9.923 029	5	886	
115	9.737 448	12	9.814 424	17	0.185 576	9.923 024	5	885	
116	9.737 460	12	9.814 441	17	0.185 559	9.923 019	5	884	
		11		16			5		
117	9.737 471	12	9.814 457	17	0.185 543	9.923 014	5	883	
118	9.737 483	12	9.814 474	17	0.185 526	9.923 009	5	882	
119	9.737 495	12	9.814 490	16	0.185 510	9.923 004	5	881	
		11		17			5		
.120	9.737 506	12	9.814 507	16	0.185 493	9.922 999	5	.880	
		12		16			5		
121	9.737 518	11	9.814 523	17	0.185 477	9.922 994	5	879	
122	9.737 529	12	9.814 540	17	0.185 460	9.922 989	5	878	
123	9.737 541	12	9.814 557	17	0.185 443	9.922 985	4	877	
		12		16			5		
124	9.737 553	11	9.814 573	17	0.185 427	9.922 980	5	876	
125	9.737 564	12	9.814 590	16	0.185 410	9.922 975	5	875	
126	9.737 576	12	9.814 606	16	0.185 394	9.922 970	5	874	
		12		17			5		
127	9.737 588	11	9.814 623	16	0.185 377	9.922 965	5	873	
128	9.737 599	12	9.814 639	17	0.185 361	9.922 960	5	872	
129	9.737 611	12	9.814 656	17	0.185 344	9.922 955	5	871	
		11		16			5		
.130	9.737 622	12	9.814 672	17	0.185 328	9.922 950	5	.870	
		12		17			5		
131	9.737 634	12	9.814 689	17	0.185 311	9.922 945	5	869	
132	9.737 646	11	9.814 706	16	0.185 294	9.922 940	5	868	
133	9.737 657	12	9.814 722	17	0.185 278	9.922 935	5	867	
		12		17			5		
134	9.737 669	11	9.814 739	16	0.185 261	9.922 930	5	866	
135	9.737 680	12	9.814 755	17	0.185 245	9.922 925	5	865	
136	9.737 692	12	9.814 772	16	0.185 228	9.922 920	5	864	
		12		16			5		
137	9.737 704	11	9.814 788	17	0.185 212	9.922 915	5	863	
138	9.737 715	12	9.814 805	17	0.185 195	9.922 910	5	862	
139	9.737 727	12	9.814 822	17	0.185 178	9.922 905	5	861	
		11		16			5		
.140	9.737 738	12	9.814 838	17	0.185 162	9.922 900	5	.860	
		12		17			5		
141	9.737 750	12	9.814 855	16	0.185 145	9.922 895	4	859	
142	9.737 762	11	9.814 871	17	0.185 129	9.922 891	5	858	
143	9.737 773	12	9.814 888	16	0.185 112	9.922 886	5	857	
		12		16			5		
144	9.737 785	12	9.814 904	17	0.185 096	9.922 881	5	856	
145	9.737 797	11	9.814 921	16	0.185 079	9.922 876	5	855	
146	9.737 808	12	9.814 937	17	0.185 063	9.922 871	5	854	
		12		17			5		
147	9.737 820	11	9.814 954	17	0.185 046	9.922 866	5	853	
148	9.737 831	12	9.814 971	16	0.185 029	9.922 861	5	852	
149	9.737 843	12	9.814 987	16	0.185 013	9.922 856	5	851	
		12		17			5		
.150	9.737 855		9.815 004		0.184 996	9.922 851		.850	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
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8	13.6	12.8
9	15.3	14.4

	12	11
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2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.900 — 56°.850

33°.150 — 33°.200

33°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.737 855		9.815 004		0.184 996	9.922 851		.850	
151	9.737 866	11	9.815 020	16	0.184 980	9.922 846	5	849	
152	9.737 878	12	9.815 037	17	0.184 963	9.922 841	5	848	
153	9.737 889	11	9.815 053	16	0.184 947	9.922 836	5	847	
		12		17			5		
154	9.737 901	12	9.815 070	16	0.184 930	9.922 831	5	846	
155	9.737 913	11	9.815 086	17	0.184 914	9.922 826	5	845	
156	9.737 924	12	9.815 103	17	0.184 897	9.922 821	5	844	
		12		17			5		
157	9.737 936	11	9.815 120	16	0.184 880	9.922 816	5	843	
158	9.737 947	12	9.815 136	17	0.184 864	9.922 811	5	842	
159	9.737 959	12	9.815 153	16	0.184 847	9.922 806	5	841	
.160	9.737 971	11	9.815 169	17	0.184 831	9.922 801	5	.840	
		12		16			5		
161	9.737 982	12	9.815 186	16	0.184 814	9.922 796	5	839	
162	9.737 994	11	9.815 202	17	0.184 798	9.922 791	5	838	
163	9.738 005	12	9.815 219	16	0.184 781	9.922 787	4	837	
		12		16			5		
164	9.738 017	12	9.815 235	17	0.184 765	9.922 782	5	836	
165	9.738 029	11	9.815 252	17	0.184 748	9.922 777	5	835	
166	9.738 040	12	9.815 269	17	0.184 731	9.922 772	5	834	
		12		16			5		
167	9.738 052	11	9.815 285	17	0.184 715	9.922 767	5	833	
168	9.738 063	12	9.815 302	16	0.184 698	9.922 762	5	832	
169	9.738 075	12	9.815 318	17	0.184 682	9.922 757	5	831	
		12		17			5		
.170	9.738 087	11	9.815 335	16	0.184 665	9.922 752	5	.830	
		12		17			5		
171	9.738 098	12	9.815 351	17	0.184 649	9.922 747	5	829	
172	9.738 110	11	9.815 368	16	0.184 632	9.922 742	5	828	
173	9.738 121	12	9.815 384	17	0.184 616	9.922 737	5	827	
		12		17			5		
174	9.738 133	12	9.815 401	16	0.184 599	9.922 732	5	826	
175	9.738 145	11	9.815 417	17	0.184 583	9.922 727	5	825	
176	9.738 156	12	9.815 434	17	0.184 566	9.922 722	5	824	
		12		17			5		
177	9.738 168	11	9.815 451	16	0.184 549	9.922 717	5	823	
178	9.738 179	12	9.815 467	17	0.184 533	9.922 712	5	822	
179	9.738 191	12	9.815 484	16	0.184 516	9.922 707	5	821	
		12		16			5		
.180	9.738 203	11	9.815 500	17	0.184 500	9.922 702	5	.820	
		12		16			5		
181	9.738 214	12	9.815 517	16	0.184 483	9.922 697	5	819	
182	9.738 226	11	9.815 533	17	0.184 467	9.922 692	5	818	
183	9.738 237	12	9.815 550	16	0.184 450	9.922 687	5	817	
		12		16			5		
184	9.738 249	11	9.815 566	17	0.184 434	9.922 682	4	816	
185	9.738 260	12	9.815 583	16	0.184 417	9.922 678	5	815	
186	9.738 272	12	9.815 599	17	0.184 401	9.922 673	5	814	
		12		17			5		
187	9.738 284	11	9.815 616	17	0.184 384	9.922 668	5	813	
188	9.738 295	12	9.815 633	16	0.184 367	9.922 663	5	812	
189	9.738 307	11	9.815 649	17	0.184 351	9.922 658	5	811	
		12		16			5		
.190	9.738 318	12	9.815 666	16	0.184 334	9.922 653	5	.810	
		12		17			5		
191	9.738 330	12	9.815 682	17	0.184 318	9.922 648	5	809	
192	9.738 342	11	9.815 699	16	0.184 301	9.922 643	5	808	
193	9.738 353	12	9.815 715	17	0.184 285	9.922 638	5	807	
		12		16			5		
194	9.738 365	11	9.815 732	16	0.184 268	9.922 633	5	806	
195	9.738 376	12	9.815 748	17	0.184 252	9.922 628	5	805	
196	9.738 388	12	9.815 765	16	0.184 235	9.922 623	5	804	
		12		16			5		
197	9.738 400	11	9.815 781	17	0.184 219	9.922 618	5	803	
198	9.738 411	12	9.815 798	17	0.184 202	9.922 613	5	802	
199	9.738 423	11	9.815 815	16	0.184 185	9.922 608	5	801	
		12		16			5		
.200	9.738 434	11	9.815 831	16	0.184 169	9.922 603	5	.800	
		12		16			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.850 — 56°.800

33°.200 — 33°.250

33°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.738 434		9.815 831		0.184 169	9.922 603		.800	
201	9.738 446	12	9.815 848	17	0.184 152	9.922 598	5	799	
202	9.738 457	11	9.815 864	16	0.184 136	9.922 593	5	798	
203	9.738 469	12	9.815 881	17	0.184 119	9.922 588	5	797	
		12		16			5		
204	9.738 481	11	9.815 897	17	0.184 103	9.922 583	5	796	
205	9.738 492	12	9.815 914	16	0.184 086	9.922 578	5	795	
206	9.738 504	11	9.815 930	17	0.184 070	9.922 573	5	794	
		11		17			5		
207	9.738 515	12	9.815 947	16	0.184 053	9.922 568	5	793	
208	9.738 527	12	9.815 963	17	0.184 037	9.922 563	5	792	
209	9.738 539	11	9.815 980	17	0.184 020	9.922 559	4	791	
.210	9.738 550	11	9.815 997	17	0.184 003	9.922 554	5	.790	
		12		16			5		
211	9.738 562	11	9.816 013	17	0.183 987	9.922 549	5	789	
212	9.738 573	12	9.816 030	17	0.183 970	9.922 544	5	788	
213	9.738 585	12	9.816 046	16	0.183 954	9.922 539	5	787	
		11		17			5		
214	9.738 596	12	9.816 063	16	0.183 937	9.922 534	5	786	
215	9.738 608	12	9.816 079	17	0.183 921	9.922 529	5	785	
216	9.738 620	12	9.816 096	17	0.183 904	9.922 524	5	784	
		11		16			5		
217	9.738 631	12	9.816 112	17	0.183 888	9.922 519	5	783	
218	9.738 643	12	9.816 129	17	0.183 871	9.922 514	5	782	
219	9.738 654	11	9.816 145	16	0.183 855	9.922 509	5	781	
.220	9.738 666	12	9.816 162	17	0.183 838	9.922 504	5	.780	
		11		16			5		
221	9.738 677	12	9.816 178	17	0.183 822	9.922 499	5	779	
222	9.738 689	12	9.816 195	17	0.183 805	9.922 494	5	778	
223	9.738 701	12	9.816 212	17	0.183 788	9.922 489	5	777	
		11		16			5		
224	9.738 712	12	9.816 228	17	0.183 772	9.922 484	5	776	
225	9.738 724	12	9.816 245	17	0.183 755	9.922 479	5	775	
226	9.738 735	11	9.816 261	16	0.183 739	9.922 474	5	774	
		12		17			5		
227	9.738 747	11	9.816 278	16	0.183 722	9.922 469	5	773	
228	9.738 758	12	9.816 294	17	0.183 706	9.922 464	5	772	
229	9.738 770	12	9.816 311	17	0.183 689	9.922 459	5	771	
.230	9.738 782	12	9.816 327	16	0.183 673	9.922 454	5	.770	
		11		17			5		
231	9.738 793	12	9.816 344	16	0.183 656	9.922 449	5	769	
232	9.738 805	11	9.816 360	17	0.183 640	9.922 444	5	768	
233	9.738 816	12	9.816 377	16	0.183 623	9.922 439	5	767	
		12		16			5		
234	9.738 828	11	9.816 393	17	0.183 607	9.922 434	5	766	
235	9.738 839	12	9.816 410	17	0.183 590	9.922 429	5	765	
236	9.738 851	12	9.816 427	16	0.183 573	9.922 424	5	764	
		12		16			5		
237	9.738 863	11	9.816 443	17	0.183 557	9.922 419	5	763	
238	9.738 874	12	9.816 460	16	0.183 540	9.922 415	4	762	
239	9.738 886	12	9.816 476	16	0.183 524	9.922 410	5	761	
.240	9.738 897	11	9.816 493	17	0.183 507	9.922 405	5	.760	
		12		16			5		
241	9.738 909	11	9.816 509	17	0.183 491	9.922 400	5	759	
242	9.738 920	12	9.816 526	16	0.183 474	9.922 395	5	758	
243	9.738 932	12	9.816 542	16	0.183 458	9.922 390	5	757	
		12		17			5		
244	9.738 944	11	9.816 559	16	0.183 441	9.922 385	5	756	
245	9.738 955	12	9.816 575	17	0.183 425	9.922 380	5	755	
246	9.738 967	12	9.816 592	17	0.183 408	9.922 375	5	754	
		11		16			5		
247	9.738 978	12	9.816 608	17	0.183 392	9.922 370	5	753	
248	9.738 990	12	9.816 625	17	0.183 375	9.922 365	5	752	
249	9.739 001	11	9.816 641	16	0.183 359	9.922 360	5	751	
.250	9.739 013	12	9.816 658	17	0.183 342	9.922 355	5	.750	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.800 — 56°.750

33°.250 — 33°.300

33°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.739 013		9.816 658		0.183 342	9.922 355		.750	
251	9.739 024	11	9.816 675	17	0.183 325	9.922 350	5	749	
252	9.739 036	12	9.816 691	16	0.183 309	9.922 345	5	748	
253	9.739 048	12	9.816 708	17	0.183 292	9.922 340	5	747	
		11		16			5		
254	9.739 059	12	9.816 724	17	0.183 276	9.922 335	5	746	
255	9.739 071	11	9.816 741	16	0.183 259	9.922 330	5	745	
256	9.739 082	12	9.816 757	17	0.183 243	9.922 325	5	744	
		11		16			5		
257	9.739 094	12	9.816 774	17	0.183 226	9.922 320	5	743	
258	9.739 105	11	9.816 790	16	0.183 210	9.922 315	5	742	
259	9.739 117	12	9.816 807	17	0.183 193	9.922 310	5	741	
		11		16			5		
.260	9.739 128	12	9.816 823	17	0.183 177	9.922 305	5	.740	
		11		16			5		
261	9.739 140	12	9.816 840	17	0.183 160	9.922 300	5	739	
262	9.739 152	11	9.816 856	16	0.183 144	9.922 295	5	738	
263	9.739 163	12	9.816 873	17	0.183 127	9.922 290	5	737	
		11		16			5		
264	9.739 175	12	9.816 889	17	0.183 111	9.922 285	5	736	
265	9.739 186	11	9.816 906	16	0.183 094	9.922 280	5	735	
266	9.739 198	12	9.816 922	17	0.183 078	9.922 275	5	734	
		11		16			5		
267	9.739 209	12	9.816 939	17	0.183 061	9.922 270	5	733	
268	9.739 221	11	9.816 955	16	0.183 045	9.922 265	5	732	
269	9.739 232	12	9.816 972	17	0.183 028	9.922 260	5	731	
		11		16			5		
.270	9.739 244	12	9.816 989	17	0.183 011	9.922 255	5	.730	
		11		16			4		
271	9.739 256	12	9.817 005	17	0.182 995	9.922 251	5	729	
272	9.739 267	11	9.817 022	16	0.182 978	9.922 246	5	728	
273	9.739 279	12	9.817 038	17	0.182 962	9.922 241	5	727	
		11		16			5		
274	9.739 290	12	9.817 055	17	0.182 945	9.922 236	5	726	
275	9.739 302	11	9.817 071	16	0.182 929	9.922 231	5	725	
276	9.739 313	12	9.817 088	17	0.182 912	9.922 226	5	724	
		11		16			5		
277	9.739 325	12	9.817 104	17	0.182 896	9.922 221	5	723	
278	9.739 336	11	9.817 121	16	0.182 879	9.922 216	5	722	
279	9.739 348	12	9.817 137	17	0.182 863	9.922 211	5	721	
		11		16			5		
.280	9.739 360	12	9.817 154	17	0.182 846	9.922 206	5	.720	
		11		16			5		
281	9.739 371	12	9.817 170	17	0.182 830	9.922 201	5	719	
282	9.739 383	11	9.817 187	16	0.182 813	9.922 196	5	718	
283	9.739 394	12	9.817 203	17	0.182 797	9.922 191	5	717	
		11		16			5		
284	9.739 406	12	9.817 220	17	0.182 780	9.922 186	5	716	
285	9.739 417	11	9.817 236	16	0.182 764	9.922 181	5	715	
286	9.739 429	12	9.817 253	17	0.182 747	9.922 176	5	714	
		11		16			5		
287	9.739 440	12	9.817 269	17	0.182 731	9.922 171	5	713	
288	9.739 452	11	9.817 286	16	0.182 714	9.922 166	5	712	
289	9.739 463	12	9.817 302	17	0.182 698	9.922 161	5	711	
		11		16			5		
.290	9.739 475	12	9.817 319	17	0.182 681	9.922 156	5	.710	
		11		16			5		
291	9.739 487	12	9.817 336	17	0.182 664	9.922 151	5	709	
292	9.739 498	11	9.817 352	16	0.182 648	9.922 146	5	708	
293	9.739 510	12	9.817 369	17	0.182 631	9.922 141	5	707	
		11		16			5		
294	9.739 521	12	9.817 385	17	0.182 615	9.922 136	5	706	
295	9.739 533	11	9.817 402	16	0.182 598	9.922 131	5	705	
296	9.739 544	12	9.817 418	17	0.182 582	9.922 126	5	704	
		11		16			5		
297	9.739 556	12	9.817 435	17	0.182 565	9.922 121	5	703	
298	9.739 567	11	9.817 451	16	0.182 549	9.922 116	5	702	
299	9.739 579	12	9.817 468	17	0.182 532	9.922 111	5	701	
		11		16			5		
.300	9.739 590	12	9.817 484	17	0.182 516	9.922 106	5	.700	
		11		16			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.750 — 56°.700

33°.300 — 33°.350

33°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.739 590		9.817 484		0.182 516	9.922 106		.700	
301	9.739 602	12	9.817 501	17	0.182 499	9.922 101	5	699	
302	9.739 613	11	9.817 517	16	0.182 483	9.922 096	5	698	
303	9.739 625	12	9.817 534	17	0.182 466	9.922 091	5	697	
		12		16			5		
304	9.739 637	11	9.817 550	17	0.182 450	9.922 086	5	696	
305	9.739 648	12	9.817 567	16	0.182 433	9.922 081	5	695	
306	9.739 660	11	9.817 583	17	0.182 417	9.922 076	5	694	
		11		17			5		
307	9.739 671	12	9.817 600	16	0.182 400	9.922 071	5	693	
308	9.739 683	11	9.817 616	17	0.182 384	9.922 066	5	692	
309	9.739 694	12	9.817 633	16	0.182 367	9.922 061	5	691	
.310	9.739 706	11	9.817 649	17	0.182 351	9.922 056	5	.690	
		12		16			5		
311	9.739 717	11	9.817 666	17	0.182 334	9.922 051	5	689	
312	9.739 729	12	9.817 682	16	0.182 318	9.922 046	5	688	
313	9.739 740	11	9.817 699	17	0.182 301	9.922 041	5	687	
		12		16			5		
314	9.739 752	11	9.817 715	17	0.182 285	9.922 036	5	686	
315	9.739 763	12	9.817 732	16	0.182 268	9.922 031	5	685	
316	9.739 775	11	9.817 748	17	0.182 252	9.922 027	4	684	
		11		17			5		
317	9.739 786	12	9.817 765	16	0.182 235	9.922 022	5	683	
318	9.739 798	12	9.817 781	16	0.182 219	9.922 017	5	682	
319	9.739 810	11	9.817 798	17	0.182 202	9.922 012	5	681	
.320	9.739 821	12	9.817 815	16	0.182 185	9.922 007	5	.680	
		11		17			5		
321	9.739 833	11	9.817 831	17	0.182 169	9.922 002	5	679	
322	9.739 844	12	9.817 848	16	0.182 152	9.921 997	5	678	
323	9.739 856	11	9.817 864	17	0.182 136	9.921 992	5	677	
		12		16			5		
324	9.739 867	11	9.817 881	17	0.182 119	9.921 987	5	676	
325	9.739 879	12	9.817 897	16	0.182 103	9.921 982	5	675	
326	9.739 890	11	9.817 914	17	0.182 086	9.921 977	5	674	
		12		16			5		
327	9.739 902	11	9.817 930	17	0.182 070	9.921 972	5	673	
328	9.739 913	12	9.817 947	16	0.182 053	9.921 967	5	672	
329	9.739 925	11	9.817 963	17	0.182 037	9.921 962	5	671	
.330	9.739 936	12	9.817 980	16	0.182 020	9.921 957	5	.670	
		11		17			5		
331	9.739 948	11	9.817 996	17	0.182 004	9.921 952	5	669	
332	9.739 959	12	9.818 013	16	0.181 987	9.921 947	5	668	
333	9.739 971	11	9.818 029	17	0.181 971	9.921 942	5	667	
		12		16			5		
334	9.739 982	11	9.818 046	17	0.181 954	9.921 937	5	666	
335	9.739 994	12	9.818 062	16	0.181 938	9.921 932	5	665	
336	9.740 006	11	9.818 079	17	0.181 921	9.921 927	5	664	
		12		16			5		
337	9.740 017	11	9.818 095	17	0.181 905	9.921 922	5	663	
338	9.740 029	12	9.818 112	16	0.181 888	9.921 917	5	662	
339	9.740 040	11	9.818 128	17	0.181 872	9.921 912	5	661	
.340	9.740 052	12	9.818 145	16	0.181 855	9.921 907	5	.660	
		11		17			5		
341	9.740 063	12	9.818 161	16	0.181 839	9.921 902	5	659	
342	9.740 075	11	9.818 178	17	0.181 822	9.921 897	5	658	
343	9.740 086	12	9.818 194	16	0.181 806	9.921 892	5	657	
		11		17			5		
344	9.740 098	12	9.818 211	16	0.181 789	9.921 887	5	656	
345	9.740 109	11	9.818 227	17	0.181 773	9.921 882	5	655	
346	9.740 121	12	9.818 244	16	0.181 756	9.921 877	5	654	
		11		17			5		
347	9.740 132	12	9.818 260	16	0.181 740	9.921 872	5	653	
348	9.740 144	11	9.818 277	17	0.181 723	9.921 867	5	652	
349	9.740 155	12	9.818 293	16	0.181 707	9.921 862	5	651	
.350	9.740 167	11	9.818 310	17	0.181 690	9.921 857	5	.650	
		12		16			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.700 — 56°.650

33°.350 — 33°.400

33°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.740 167		9.818 310		0.181 690	9.921 857		.650	
351	9.740 178	11	9.818 326	16	0.181 674	9.921 852	5	649	
352	9.740 190	12	9.818 343	17	0.181 657	9.921 847	5	648	
353	9.740 201	11	9.818 359	16	0.181 641	9.921 842	5	647	
		12		17			5		
354	9.740 213	11	9.818 376	16	0.181 624	9.921 837	5	646	
355	9.740 224	12	9.818 392	17	0.181 608	9.921 832	5	645	
356	9.740 236	11	9.818 409	16	0.181 591	9.921 827	5	644	
		12		17			5		
357	9.740 247	12	9.818 425	17	0.181 575	9.921 822	5	643	
358	9.740 259	11	9.818 442	16	0.181 558	9.921 817	5	642	
359	9.740 270	11	9.818 458	16	0.181 542	9.921 812	5	641	
		12		17			5		
.360	9.740 282	11	9.818 475	16	0.181 525	9.921 807	5	.640	
		12		17			5		
361	9.740 293	12	9.818 491	17	0.181 509	9.921 802	5	639	
362	9.740 305	11	9.818 508	16	0.181 492	9.921 797	5	638	
363	9.740 316	12	9.818 524	17	0.181 476	9.921 792	5	637	
		12		17			5		
364	9.740 328	12	9.818 541	16	0.181 459	9.921 787	5	636	
365	9.740 340	11	9.818 557	17	0.181 443	9.921 782	5	635	
366	9.740 351	12	9.818 574	16	0.181 426	9.921 777	5	634	
		12		17			5		
367	9.740 363	11	9.818 590	17	0.181 410	9.921 772	5	633	
368	9.740 374	12	9.818 607	16	0.181 393	9.921 767	5	632	
369	9.740 386	11	9.818 623	17	0.181 377	9.921 762	5	631	
		12		17			5		
.370	9.740 397	12	9.818 640	16	0.181 360	9.921 757	5	.630	
		11		17			5		
371	9.740 409	11	9.818 656	17	0.181 344	9.921 752	5	629	
372	9.740 420	12	9.818 673	16	0.181 327	9.921 747	5	628	
373	9.740 432	11	9.818 689	17	0.181 311	9.921 742	5	627	
		12		17			5		
374	9.740 443	12	9.818 706	16	0.181 294	9.921 737	5	626	
375	9.740 455	11	9.818 722	17	0.181 278	9.921 732	5	625	
376	9.740 466	12	9.818 739	16	0.181 261	9.921 727	5	624	
		12		17			5		
377	9.740 478	11	9.818 755	17	0.181 245	9.921 722	5	623	
378	9.740 489	12	9.818 772	16	0.181 228	9.921 717	5	622	
379	9.740 501	11	9.818 788	17	0.181 212	9.921 712	5	621	
		12		17			5		
.380	9.740 512	12	9.818 805	16	0.181 195	9.921 707	5	.620	
		11		17			5		
381	9.740 524	11	9.818 821	17	0.181 179	9.921 702	5	619	
382	9.740 535	12	9.818 838	16	0.181 162	9.921 697	5	618	
383	9.740 547	11	9.818 854	17	0.181 146	9.921 692	5	617	
		12		17			5		
384	9.740 558	12	9.818 871	16	0.181 129	9.921 687	5	616	
385	9.740 570	11	9.818 887	17	0.181 113	9.921 682	5	615	
386	9.740 581	12	9.818 904	16	0.181 096	9.921 677	5	614	
		12		17			5		
387	9.740 593	11	9.818 920	17	0.181 080	9.921 672	5	613	
388	9.740 604	12	9.818 937	16	0.181 063	9.921 667	5	612	
389	9.740 616	11	9.818 953	17	0.181 047	9.921 662	5	611	
		12		17			5		
.390	9.740 627	12	9.818 970	16	0.181 030	9.921 657	5	.610	
		11		17			5		
391	9.740 639	12	9.818 986	16	0.181 014	9.921 652	5	609	
392	9.740 650	11	9.819 003	17	0.180 997	9.921 647	5	608	
393	9.740 662	12	9.819 019	16	0.180 981	9.921 642	5	607	
		11		17			5		
394	9.740 673	12	9.819 036	16	0.180 964	9.921 637	5	606	
395	9.740 685	11	9.819 052	17	0.180 948	9.921 632	5	605	
396	9.740 696	12	9.819 069	16	0.180 931	9.921 627	5	604	
		12		17			5		
397	9.740 708	11	9.819 085	17	0.180 915	9.921 622	5	603	
398	9.740 719	12	9.819 102	16	0.180 898	9.921 617	5	602	
399	9.740 731	11	9.819 118	17	0.180 882	9.921 612	5	601	
		12		17			5		
.400	9.740 742	11	9.819 135	17	0.180 865	9.921 607	5	.600	
		12		17			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.650 — 56°.600

33°.400 — 33°.450

33°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.740 742		9.819 135		0.180 865	9.921 607		.600	
401	9.740 754	12	9.819 151	16	0.180 849	9.921 602	5	599	
402	9.740 765	11	9.819 168	17	0.180 832	9.921 597	5	598	
403	9.740 777	12	9.819 184	16	0.180 816	9.921 592	5	597	
404	9.740 788	11	9.819 201	17	0.180 799	9.921 587	5	596	
405	9.740 800	12	9.819 217	16	0.180 783	9.921 582	5	595	
406	9.740 811	11	9.819 234	17	0.180 766	9.921 577	5	594	
407	9.740 823	12	9.819 250	16	0.180 750	9.921 572	5	593	
408	9.740 834	11	9.819 267	17	0.180 733	9.921 567	5	592	
409	9.740 846	12	9.819 283	16	0.180 717	9.921 562	5	591	
.410	9.740 857	11	9.819 300	17	0.180 700	9.921 557	5	.590	
		12		16			5		
411	9.740 869	11	9.819 316	17	0.180 684	9.921 552	5	589	
412	9.740 880	12	9.819 333	16	0.180 667	9.921 547	5	588	
413	9.740 892	12	9.819 349	16	0.180 651	9.921 542	5	587	
414	9.740 903	11	9.819 366	17	0.180 634	9.921 537	5	586	
415	9.740 915	12	9.819 382	16	0.180 618	9.921 532	5	585	
416	9.740 926	11	9.819 399	17	0.180 601	9.921 527	5	584	
417	9.740 937	12	9.819 415	16	0.180 585	9.921 522	5	583	
418	9.740 949	11	9.819 432	17	0.180 568	9.921 517	5	582	
419	9.740 960	12	9.819 448	16	0.180 552	9.921 512	5	581	
.420	9.740 972	11	9.819 465	17	0.180 535	9.921 507	5	.580	
		12		16			5		
421	9.740 983	12	9.819 481	17	0.180 519	9.921 502	5	579	
422	9.740 995	11	9.819 498	16	0.180 502	9.921 497	5	578	
423	9.741 006	12	9.819 514	17	0.180 486	9.921 492	5	577	
424	9.741 018	11	9.819 531	16	0.180 469	9.921 487	5	576	
425	9.741 029	12	9.819 547	17	0.180 453	9.921 482	5	575	
426	9.741 041	12	9.819 564	17	0.180 436	9.921 477	5	574	
427	9.741 052	11	9.819 580	16	0.180 420	9.921 472	5	573	
428	9.741 064	12	9.819 597	17	0.180 403	9.921 467	5	572	
429	9.741 075	11	9.819 613	16	0.180 387	9.921 462	5	571	
.430	9.741 087	12	9.819 629	16	0.180 371	9.921 457	5	.570	
		11		17			5		
431	9.741 098	12	9.819 646	16	0.180 354	9.921 452	5	569	
432	9.741 110	11	9.819 662	17	0.180 338	9.921 447	5	568	
433	9.741 121	12	9.819 679	16	0.180 321	9.921 442	5	567	
434	9.741 133	11	9.819 695	17	0.180 305	9.921 437	5	566	
435	9.741 144	12	9.819 712	16	0.180 288	9.921 432	5	565	
436	9.741 156	12	9.819 728	16	0.180 272	9.921 427	5	564	
437	9.741 167	11	9.819 745	17	0.180 255	9.921 422	5	563	
438	9.741 179	12	9.819 761	16	0.180 239	9.921 417	5	562	
439	9.741 190	11	9.819 778	17	0.180 222	9.921 412	5	561	
.440	9.741 202	12	9.819 794	16	0.180 206	9.921 407	5	.560	
		11		17			5		
441	9.741 213	12	9.819 811	16	0.180 189	9.921 402	5	559	
442	9.741 225	11	9.819 827	17	0.180 173	9.921 397	5	558	
443	9.741 236	12	9.819 844	16	0.180 156	9.921 392	5	557	
444	9.741 248	12	9.819 860	16	0.180 140	9.921 387	5	556	
445	9.741 259	11	9.819 877	17	0.180 123	9.921 382	5	555	
446	9.741 270	11	9.819 893	16	0.180 107	9.921 377	5	554	
447	9.741 282	12	9.819 910	17	0.180 090	9.921 372	5	553	
448	9.741 293	11	9.819 926	16	0.180 074	9.921 367	5	552	
449	9.741 305	12	9.819 943	17	0.180 057	9.921 362	5	551	
.450	9.741 316	11	9.819 959	16	0.180 041	9.921 357	5	.550	
		12		17			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

56°.600 — 56°.550

33°.450 — 33°.500

33°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.741 316		9.819 959		0.180 041	9.921 357		.550	
451	9.741 328	12	9.819 976	17	0.180 024	9.921 352	5	549	
452	9.741 339	11	9.819 992	16	0.180 008	9.921 347	5	548	
453	9.741 351	12	9.820 009	17	0.179 991	9.921 342	5	547	
		11		16			5		
454	9.741 362	12	9.820 025	17	0.179 975	9.921 337	5	546	
455	9.741 374	11	9.820 042	16	0.179 958	9.921 332	5	545	
456	9.741 385	12	9.820 058	17	0.179 942	9.921 327	5	544	
		11		16			5		
457	9.741 397	11	9.820 075	16	0.179 925	9.921 322	5	543	
458	9.741 408	12	9.820 091	16	0.179 909	9.921 317	5	542	
459	9.741 420	12	9.820 107	16	0.179 893	9.921 312	5	541	
		11		17			5		
.460	9.741 431	12	9.820 124	16	0.179 876	9.921 307	5	.540	
		11		17			5		
461	9.741 443	11	9.820 140	17	0.179 860	9.921 302	5	539	
462	9.741 454	11	9.820 157	16	0.179 843	9.921 297	5	538	
463	9.741 465	12	9.820 173	17	0.179 827	9.921 292	5	537	
		11		16			5		
464	9.741 477	12	9.820 190	17	0.179 810	9.921 287	5	536	
465	9.741 488	11	9.820 206	16	0.179 794	9.921 282	5	535	
466	9.741 500	12	9.820 223	17	0.179 777	9.921 277	5	534	
		11		16			5		
467	9.741 511	12	9.820 239	17	0.179 761	9.921 272	5	533	
468	9.741 523	12	9.820 256	17	0.179 744	9.921 267	5	532	
469	9.741 534	11	9.820 272	16	0.179 728	9.921 262	5	531	
		12		17			5		
.470	9.741 546	11	9.820 289	16	0.179 711	9.921 257	5	.530	
		12		17			5		
471	9.741 557	12	9.820 305	17	0.179 695	9.921 252	5	529	
472	9.741 569	11	9.820 322	16	0.179 678	9.921 247	5	528	
473	9.741 580	12	9.820 338	17	0.179 662	9.921 242	5	527	
		11		16			5		
474	9.741 592	12	9.820 355	17	0.179 645	9.921 237	5	526	
475	9.741 603	11	9.820 371	16	0.179 629	9.921 232	5	525	
476	9.741 615	12	9.820 388	17	0.179 612	9.921 227	5	524	
		11		16			5		
477	9.741 626	11	9.820 404	17	0.179 596	9.921 222	5	523	
478	9.741 637	12	9.820 421	16	0.179 579	9.921 217	5	522	
479	9.741 649	12	9.820 437	16	0.179 563	9.921 212	5	521	
		11		17			5		
.480	9.741 660	12	9.820 453	16	0.179 547	9.921 207	5	.520	
		11		17			5		
481	9.741 672	11	9.820 470	16	0.179 530	9.921 202	5	519	
482	9.741 683	12	9.820 486	17	0.179 514	9.921 197	5	518	
483	9.741 695	11	9.820 503	16	0.179 497	9.921 192	5	517	
		12		17			5		
484	9.741 706	12	9.820 519	17	0.179 481	9.921 187	5	516	
485	9.741 718	11	9.820 536	16	0.179 464	9.921 182	5	515	
486	9.741 729	12	9.820 552	17	0.179 448	9.921 177	5	514	
		11		16			5		
487	9.741 741	11	9.820 569	16	0.179 431	9.921 172	5	513	
488	9.741 752	12	9.820 585	17	0.179 415	9.921 167	5	512	
489	9.741 763	11	9.820 602	16	0.179 398	9.921 162	5	511	
		12		17			5		
.490	9.741 775	11	9.820 618	16	0.179 382	9.921 157	5	.510	
		12		17			5		
491	9.741 786	12	9.820 635	16	0.179 365	9.921 152	5	509	
492	9.741 798	11	9.820 651	17	0.179 349	9.921 147	5	508	
493	9.741 809	12	9.820 668	16	0.179 332	9.921 142	5	507	
		11		17			5		
494	9.741 821	12	9.820 684	16	0.179 316	9.921 137	5	506	
495	9.741 832	11	9.820 701	17	0.179 299	9.921 132	5	505	
496	9.741 844	12	9.820 717	16	0.179 283	9.921 127	5	504	
		11		17			5		
497	9.741 855	12	9.820 733	16	0.179 267	9.921 122	5	503	
498	9.741 867	11	9.820 750	17	0.179 250	9.921 117	5	502	
499	9.741 878	12	9.820 766	16	0.179 234	9.921 112	5	501	
		11		17			5		
.500	9.741 889	11	9.820 783	16	0.179 217	9.921 107	5	.500	
		12		17			5		
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.550 — 56°.500

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

33°.500 — 33°.550

33°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.741 889		9.820 783		0.179 217	9.921 107		.500	
501	9.741 901	12	9.820 799	16	0.179 201	9.921 102	5	499	
502	9.741 912	11	9.820 816	17	0.179 184	9.921 097	5	498	
503	9.741 924	12	9.820 832	16	0.179 168	9.921 092	5	497	
504	9.741 935	11	9.820 849	17	0.179 151	9.921 087	5	496	
505	9.741 947	12	9.820 865	16	0.179 135	9.921 082	5	495	
506	9.741 958	11	9.820 882	17	0.179 118	9.921 076	6	494	
507	9.741 970	12	9.820 898	16	0.179 102	9.921 071	5	493	
508	9.741 981	11	9.820 915	17	0.179 085	9.921 066	5	492	
509	9.741 993	12	9.820 931	16	0.179 069	9.921 061	5	491	
.510	9.742 004	11	9.820 948	17	0.179 052	9.921 056	5	.490	
511	9.742 015	11	9.820 964	16	0.179 036	9.921 051	5	489	
512	9.742 027	12	9.820 981	17	0.179 019	9.921 046	5	488	
513	9.742 038	11	9.820 997	16	0.179 003	9.921 041	5	487	
514	9.742 050	12	9.821 013	16	0.178 987	9.921 036	5	486	
515	9.742 061	11	9.821 030	17	0.178 970	9.921 031	5	485	
516	9.742 073	12	9.821 046	16	0.178 954	9.921 026	5	484	
517	9.742 084	11	9.821 063	17	0.178 937	9.921 021	5	483	
518	9.742 096	12	9.821 079	16	0.178 921	9.921 016	5	482	
519	9.742 107	11	9.821 096	17	0.178 904	9.921 011	5	481	
.520	9.742 118	11	9.821 112	16	0.178 888	9.921 006	5	.480	
521	9.742 130	12	9.821 129	17	0.178 871	9.921 001	5	479	
522	9.742 141	11	9.821 145	16	0.178 855	9.920 996	5	478	
523	9.742 153	12	9.821 162	17	0.178 838	9.920 991	5	477	
524	9.742 164	11	9.821 178	16	0.178 822	9.920 986	5	476	
525	9.742 176	12	9.821 195	17	0.178 805	9.920 981	5	475	
526	9.742 187	11	9.821 211	16	0.178 789	9.920 976	5	474	
527	9.742 199	12	9.821 227	16	0.178 773	9.920 971	5	473	
528	9.742 210	11	9.821 244	17	0.178 756	9.920 966	5	472	
529	9.742 221	11	9.821 260	16	0.178 740	9.920 961	5	471	
.530	9.742 233	12	9.821 277	17	0.178 723	9.920 956	5	.470	
531	9.742 244	11	9.821 293	16	0.178 707	9.920 951	5	469	
532	9.742 256	12	9.821 310	17	0.178 690	9.920 946	5	468	
533	9.742 267	11	9.821 326	16	0.178 674	9.920 941	5	467	
534	9.742 279	12	9.821 343	17	0.178 657	9.920 936	5	466	
535	9.742 290	11	9.821 359	16	0.178 641	9.920 931	5	465	
536	9.742 301	11	9.821 376	17	0.178 624	9.920 926	5	464	
537	9.742 313	12	9.821 392	16	0.178 608	9.920 921	5	463	
538	9.742 324	11	9.821 409	17	0.178 591	9.920 916	5	462	
539	9.742 336	12	9.821 425	16	0.178 575	9.920 911	5	461	
.540	9.742 347	11	9.821 441	16	0.178 559	9.920 906	5	.460	
541	9.742 359	12	9.821 458	17	0.178 542	9.920 901	5	459	
542	9.742 370	11	9.821 474	16	0.178 526	9.920 896	5	458	
543	9.742 382	12	9.821 491	17	0.178 509	9.920 891	5	457	
544	9.742 393	11	9.821 507	16	0.178 493	9.920 886	5	456	
545	9.742 404	11	9.821 524	17	0.178 476	9.920 881	5	455	
546	9.742 416	12	9.821 540	16	0.178 460	9.920 876	5	454	
547	9.742 427	11	9.821 557	17	0.178 443	9.920 871	5	453	
548	9.742 439	12	9.821 573	16	0.178 427	9.920 866	5	452	
549	9.742 450	11	9.821 590	17	0.178 410	9.920 861	5	451	
.550	9.742 462	12	9.821 606	16	0.178 394	9.920 856	5	.450	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.500 — 56°.450

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

33°.550 — 33°.600

33°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.742 462		9.821 606		0.178 394	9.920 856		.450	
551	9.742 473	11	9.821 623	17	0.178 377	9.920 850	6	449	
552	9.742 484	11	9.821 639	16	0.178 361	9.920 845	5	448	
553	9.742 496	12	9.821 655	16	0.178 345	9.920 840	5	447	
		11		17			5		
554	9.742 507	12	9.821 672	16	0.178 328	9.920 835	5	446	
555	9.742 519	11	9.821 688	17	0.178 312	9.920 830	5	445	
556	9.742 530	12	9.821 705	16	0.178 295	9.920 825	5	444	
		12		16			5		
557	9.742 542	11	9.821 721	17	0.178 279	9.920 820	5	443	
558	9.742 553	11	9.821 738	16	0.178 262	9.920 815	5	442	
559	9.742 564	12	9.821 754	17	0.178 246	9.920 810	5	441	
		12		17			5		
.560	9.742 576	11	9.821 771	16	0.178 229	9.920 805	5	.440	
561	9.742 587	12	9.821 787	17	0.178 213	9.920 800	5	439	
562	9.742 599	11	9.821 804	16	0.178 196	9.920 795	5	438	
563	9.742 610	12	9.821 820	16	0.178 180	9.920 790	5	437	
		12		16			5		
564	9.742 622	11	9.821 836	17	0.178 164	9.920 785	5	436	
565	9.742 633	11	9.821 853	16	0.178 147	9.920 780	5	435	
566	9.742 644	12	9.821 869	17	0.178 131	9.920 775	5	434	
		12		17			5		
567	9.742 656	11	9.821 886	16	0.178 114	9.920 770	5	433	
568	9.742 667	12	9.821 902	17	0.178 098	9.920 765	5	432	
569	9.742 679	11	9.821 919	16	0.178 081	9.920 760	5	431	
		11		16			5		
.570	9.742 690	11	9.821 935	17	0.178 065	9.920 755	5	.430	
571	9.742 701	12	9.821 952	16	0.178 048	9.920 750	5	429	
572	9.742 713	11	9.821 968	16	0.178 032	9.920 745	5	428	
573	9.742 724	12	9.821 984	17	0.178 016	9.920 740	5	427	
		12		16			5		
574	9.742 736	11	9.822 001	16	0.177 999	9.920 735	5	426	
575	9.742 747	12	9.822 017	17	0.177 983	9.920 730	5	425	
576	9.742 759	11	9.822 034	16	0.177 966	9.920 725	5	424	
		11		16			5		
577	9.742 770	11	9.822 050	17	0.177 950	9.920 720	5	423	
578	9.742 781	12	9.822 067	16	0.177 933	9.920 715	5	422	
579	9.742 793	11	9.822 083	17	0.177 917	9.920 710	5	421	
		11		17			5		
.580	9.742 804	12	9.822 100	16	0.177 900	9.920 705	5	.420	
581	9.742 816	11	9.822 116	17	0.177 884	9.920 700	5	419	
582	9.742 827	12	9.822 133	16	0.177 867	9.920 695	5	418	
583	9.742 839	11	9.822 149	16	0.177 851	9.920 690	6	417	
		11		16			5		
584	9.742 850	12	9.822 165	17	0.177 835	9.920 684	5	416	
585	9.742 861	12	9.822 182	16	0.177 818	9.920 679	5	415	
586	9.742 873	11	9.822 198	17	0.177 802	9.920 674	5	414	
		12		16			5		
587	9.742 884	11	9.822 215	17	0.177 785	9.920 669	5	413	
588	9.742 896	12	9.822 231	16	0.177 769	9.920 664	5	412	
589	9.742 907	11	9.822 248	17	0.177 752	9.920 659	5	411	
		11		16			5		
.590	9.742 918	12	9.822 264	17	0.177 736	9.920 654	5	.410	
591	9.742 930	11	9.822 281	16	0.177 719	9.920 649	5	409	
592	9.742 941	12	9.822 297	16	0.177 703	9.920 644	5	408	
593	9.742 953	11	9.822 313	17	0.177 687	9.920 639	5	407	
		11		16			5		
594	9.742 964	12	9.822 330	17	0.177 670	9.920 634	5	406	
595	9.742 975	11	9.822 346	16	0.177 654	9.920 629	5	405	
596	9.742 987	12	9.822 363	17	0.177 637	9.920 624	5	404	
		11		16			5		
597	9.742 998	12	9.822 379	17	0.177 621	9.920 619	5	403	
598	9.743 010	11	9.822 396	16	0.177 604	9.920 614	5	402	
599	9.743 021	12	9.822 412	17	0.177 588	9.920 609	5	401	
		12		17			5		
.600	9.743 033		9.822 429		0.177 571	9.920 604		.400	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.450 — 56°.400

33°.600 — 33°.650

33°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.743 033		9.822 429		0.177 571	9.920 604		.400	
601	9.743 044	11	9.822 445	16	0.177 555	9.920 599	5	399	
602	9.743 055	11	9.822 461	16	0.177 539	9.920 594	5	398	
603	9.743 067	12	9.822 478	17	0.177 522	9.920 589	5	397	
604	9.743 078	11	9.822 494	16	0.177 506	9.920 584	5	396	
605	9.743 090	12	9.822 511	17	0.177 489	9.920 579	5	395	
606	9.743 101	11	9.822 527	16	0.177 473	9.920 574	5	394	
607	9.743 112	11	9.822 544	17	0.177 456	9.920 569	5	393	
608	9.743 124	12	9.822 560	16	0.177 440	9.920 564	5	392	
609	9.743 135	11	9.822 577	17	0.177 423	9.920 559	5	391	
.610	9.743 147	12	9.822 593	16	0.177 407	9.920 554	5	.390	
611	9.743 158	11	9.822 609	16	0.177 391	9.920 549	5	389	
612	9.743 169	11	9.822 626	17	0.177 374	9.920 543	6	388	
613	9.743 181	12	9.822 642	16	0.177 358	9.920 538	5	387	
614	9.743 192	11	9.822 659	17	0.177 341	9.920 533	5	386	
615	9.743 204	12	9.822 675	16	0.177 325	9.920 528	5	385	
616	9.743 215	11	9.822 692	17	0.177 308	9.920 523	5	384	
617	9.743 226	11	9.822 708	16	0.177 292	9.920 518	5	383	
618	9.743 238	12	9.822 725	17	0.177 275	9.920 513	5	382	
619	9.743 249	11	9.822 741	16	0.177 259	9.920 508	5	381	
.620	9.743 261	12	9.822 757	16	0.177 243	9.920 503	5	.380	
621	9.743 272	11	9.822 774	17	0.177 226	9.920 498	5	379	
622	9.743 283	11	9.822 790	16	0.177 210	9.920 493	5	378	
623	9.743 295	12	9.822 807	17	0.177 193	9.920 488	5	377	
624	9.743 306	11	9.822 823	16	0.177 177	9.920 483	5	376	
625	9.743 318	12	9.822 840	17	0.177 160	9.920 478	5	375	
626	9.743 329	11	9.822 856	16	0.177 144	9.920 473	5	374	
627	9.743 340	11	9.822 873	17	0.177 127	9.920 468	5	373	
628	9.743 352	12	9.822 889	16	0.177 111	9.920 463	5	372	
629	9.743 363	11	9.822 905	16	0.177 095	9.920 458	5	371	
.630	9.743 375	12	9.822 922	17	0.177 078	9.920 453	5	.370	
631	9.743 386	11	9.822 938	16	0.177 062	9.920 448	5	369	
632	9.743 397	11	9.822 955	17	0.177 045	9.920 443	5	368	
633	9.743 409	12	9.822 971	16	0.177 029	9.920 438	5	367	
634	9.743 420	11	9.822 988	17	0.177 012	9.920 433	5	366	
635	9.743 432	12	9.823 004	16	0.176 996	9.920 428	5	365	
636	9.743 443	11	9.823 020	16	0.176 980	9.920 423	5	364	
637	9.743 454	11	9.823 037	17	0.176 963	9.920 417	6	363	
638	9.743 466	12	9.823 053	16	0.176 947	9.920 412	5	362	
639	9.743 477	11	9.823 070	17	0.176 930	9.920 407	5	361	
.640	9.743 489	12	9.823 086	16	0.176 914	9.920 402	5	.360	
641	9.743 500	11	9.823 103	17	0.176 897	9.920 397	5	359	
642	9.743 511	11	9.823 119	16	0.176 881	9.920 392	5	358	
643	9.743 523	12	9.823 135	16	0.176 865	9.920 387	5	357	
644	9.743 534	11	9.823 152	17	0.176 848	9.920 382	5	356	
645	9.743 545	11	9.823 168	16	0.176 832	9.920 377	5	355	
646	9.743 557	12	9.823 185	17	0.176 815	9.920 372	5	354	
647	9.743 568	11	9.823 201	16	0.176 799	9.920 367	5	353	
648	9.743 580	12	9.823 218	17	0.176 782	9.920 362	5	352	
649	9.743 591	11	9.823 234	16	0.176 766	9.920 357	5	351	
.650	9.743 602	11	9.823 251	17	0.176 749	9.920 352	5	.350	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.400 — 56°.350

33°.650 — 33°.700

33°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.743 602		9.823 251		0.176 749	9.920 352		.350	
651	9.743 614	12	9.823 267	16	0.176 733	9.920 347	5	349	
652	9.743 625	11	9.823 283	16	0.176 717	9.920 342	5	348	
653	9.743 637	12	9.823 300	17	0.176 700	9.920 337	5	347	
654	9.743 648	11	9.823 316	16	0.176 684	9.920 332	5	346	
655	9.743 659	11	9.823 333	17	0.176 667	9.920 327	5	345	
656	9.743 671	12	9.823 349	16	0.176 651	9.920 322	5	344	
657	9.743 682	11	9.823 366	17	0.176 634	9.920 317	5	343	
658	9.743 693	11	9.823 382	16	0.176 618	9.920 312	5	342	
659	9.743 705	12	9.823 398	16	0.176 602	9.920 306	6	341	
.660	9.743 716	11	9.823 415	17	0.176 585	9.920 301	5	.340	
661	9.743 728	12	9.823 431	16	0.176 569	9.920 296	5	339	
662	9.743 739	11	9.823 448	17	0.176 552	9.920 291	5	338	
663	9.743 750	11	9.823 464	16	0.176 536	9.920 286	5	337	
664	9.743 762	12	9.823 481	17	0.176 519	9.920 281	5	336	
665	9.743 773	11	9.823 497	16	0.176 503	9.920 276	5	335	
666	9.743 785	12	9.823 513	16	0.176 487	9.920 271	5	334	
667	9.743 796	11	9.823 530	17	0.176 470	9.920 266	5	333	
668	9.743 807	11	9.823 546	16	0.176 454	9.920 261	5	332	
669	9.743 819	12	9.823 563	17	0.176 437	9.920 256	5	331	
.670	9.743 830	11	9.823 579	16	0.176 421	9.920 251	5	.330	
671	9.743 841	11	9.823 596	17	0.176 404	9.920 246	5	329	
672	9.743 853	12	9.823 612	16	0.176 388	9.920 241	5	328	
673	9.743 864	11	9.823 628	16	0.176 372	9.920 236	5	327	
674	9.743 876	12	9.823 645	17	0.176 355	9.920 231	5	326	
675	9.743 887	11	9.823 661	16	0.176 339	9.920 226	5	325	
676	9.743 898	11	9.823 678	17	0.176 322	9.920 221	5	324	
677	9.743 910	12	9.823 694	16	0.176 306	9.920 216	5	323	
678	9.743 921	11	9.823 711	17	0.176 289	9.920 211	5	322	
679	9.743 932	11	9.823 727	16	0.176 273	9.920 205	6	321	
.680	9.743 944	12	9.823 743	16	0.176 257	9.920 200	5	.320	
681	9.743 955	11	9.823 760	17	0.176 240	9.920 195	5	319	
682	9.743 967	12	9.823 776	16	0.176 224	9.920 190	5	318	
683	9.743 978	11	9.823 793	17	0.176 207	9.920 185	5	317	
684	9.743 989	11	9.823 809	16	0.176 191	9.920 180	5	316	
685	9.744 001	12	9.823 826	17	0.176 174	9.920 175	5	315	
686	9.744 012	11	9.823 842	16	0.176 158	9.920 170	5	314	
687	9.744 023	11	9.823 858	16	0.176 142	9.920 165	5	313	
688	9.744 035	12	9.823 875	17	0.176 125	9.920 160	5	312	
689	9.744 046	11	9.823 891	16	0.176 109	9.920 155	5	311	
.690	9.744 058	12	9.823 908	17	0.176 092	9.920 150	5	.310	
691	9.744 069	11	9.823 924	16	0.176 076	9.920 145	5	309	
692	9.744 080	11	9.823 940	16	0.176 060	9.920 140	5	308	
693	9.744 092	12	9.823 957	17	0.176 043	9.920 135	5	307	
694	9.744 103	11	9.823 973	16	0.176 027	9.920 130	5	306	
695	9.744 114	11	9.823 990	17	0.176 010	9.920 125	5	305	
696	9.744 126	12	9.824 006	16	0.175 994	9.920 120	5	304	
697	9.744 137	11	9.824 023	17	0.175 977	9.920 115	5	303	
698	9.744 148	11	9.824 039	16	0.175 961	9.920 109	6	302	
699	9.744 160	12	9.824 055	16	0.175 945	9.920 104	5	301	
.700	9.744 171	11	9.824 072	17	0.175 928	9.920 099	5	.300	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.350 — 56°.300

33°.700 — 33°.750

33°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.744 171		9.824 072		0.175 928	9.920 099		.300	
701	9.744 183	12	9.824 088	16	0.175 912	9.920 094	5	299	
702	9.744 194	11	9.824 105	17	0.175 895	9.920 089	5	298	
703	9.744 205	11	9.824 121	16	0.175 879	9.920 084	5	297	
		12		17			5		
704	9.744 217	11	9.824 138	16	0.175 862	9.920 079	5	296	
705	9.744 228	11	9.824 154	16	0.175 846	9.920 074	5	295	
706	9.744 239	12	9.824 170	17	0.175 830	9.920 069	5	294	
		12		17			5		
707	9.744 251	11	9.824 187	16	0.175 813	9.920 064	5	293	
708	9.744 262	12	9.824 203	17	0.175 797	9.920 059	5	292	
709	9.744 274	11	9.824 220	16	0.175 780	9.920 054	5	291	
		11		16			5		
.710	9.744 285	11	9.824 236	16	0.175 764	9.920 049	5	.290	
		11		16			5		
711	9.744 296	12	9.824 252	17	0.175 748	9.920 044	5	289	
712	9.744 308	11	9.824 269	16	0.175 731	9.920 039	5	288	
713	9.744 319	11	9.824 285	17	0.175 715	9.920 034	5	287	
		11		17			5		
714	9.744 330	12	9.824 302	16	0.175 698	9.920 029	5	286	
715	9.744 342	11	9.824 318	16	0.175 682	9.920 024	5	285	
716	9.744 353	11	9.824 335	17	0.175 665	9.920 018	6	284	
		11		16			5		
717	9.744 364	12	9.824 351	16	0.175 649	9.920 013	5	283	
718	9.744 376	12	9.824 367	16	0.175 633	9.920 008	5	282	
719	9.744 387	11	9.824 384	17	0.175 616	9.920 003	5	281	
		11		16			5		
.720	9.744 398	12	9.824 400	17	0.175 600	9.919 998	5	.280	
		11		16			5		
721	9.744 410	11	9.824 417	16	0.175 583	9.919 993	5	279	
722	9.744 421	12	9.824 433	16	0.175 567	9.919 988	5	278	
723	9.744 433	11	9.824 449	17	0.175 551	9.919 983	5	277	
		11		16			5		
724	9.744 444	11	9.824 466	16	0.175 534	9.919 978	5	276	
725	9.744 455	12	9.824 482	17	0.175 518	9.919 973	5	275	
726	9.744 467	11	9.824 499	16	0.175 501	9.919 968	5	274	
		11		16			5		
727	9.744 478	11	9.824 515	17	0.175 485	9.919 963	5	273	
728	9.744 489	12	9.824 532	16	0.175 468	9.919 958	5	272	
729	9.744 501	12	9.824 548	16	0.175 452	9.919 953	5	271	
		11		16			5		
.730	9.744 512	11	9.824 564	17	0.175 436	9.919 948	5	.270	
		11		16			5		
731	9.744 523	12	9.824 581	16	0.175 419	9.919 943	5	269	
732	9.744 535	11	9.824 597	17	0.175 403	9.919 938	6	268	
733	9.744 546	11	9.824 614	16	0.175 386	9.919 932	5	267	
		11		16			5		
734	9.744 557	12	9.824 630	16	0.175 370	9.919 927	5	266	
735	9.744 569	11	9.824 646	17	0.175 354	9.919 922	5	265	
736	9.744 580	11	9.824 663	16	0.175 337	9.919 917	5	264	
		11		16			5		
737	9.744 591	12	9.824 679	17	0.175 321	9.919 912	5	263	
738	9.744 603	11	9.824 696	16	0.175 304	9.919 907	5	262	
739	9.744 614	12	9.824 712	16	0.175 288	9.919 902	5	261	
		12		16			5		
.740	9.744 626	11	9.824 728	17	0.175 272	9.919 897	5	.260	
		11		16			5		
741	9.744 637	11	9.824 745	16	0.175 255	9.919 892	5	259	
742	9.744 648	12	9.824 761	17	0.175 239	9.919 887	5	258	
743	9.744 660	11	9.824 778	16	0.175 222	9.919 882	5	257	
		11		16			5		
744	9.744 671	11	9.824 794	17	0.175 206	9.919 877	5	256	
745	9.744 682	12	9.824 811	16	0.175 189	9.919 872	5	255	
746	9.744 694	11	9.824 827	16	0.175 173	9.919 867	5	254	
		11		16			5		
747	9.744 705	11	9.824 843	17	0.175 157	9.919 862	5	253	
748	9.744 716	12	9.824 860	16	0.175 140	9.919 857	6	252	
749	9.744 728	12	9.824 876	16	0.175 124	9.919 851	5	251	
		11		17			5		
.750	9.744 739		9.824 893		0.175 107	9.919 846		.250	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

56°.300 — 56°.250

33°.750 — 33°.800

33°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.744 739	11	9.824 893	16	0.175 107	9.919 846	5	.250	
751	9.744 750	12	9.824 909	16	0.175 091	9.919 841	5	249	
752	9.744 762	11	9.824 925	17	0.175 075	9.919 836	5	248	
753	9.744 773	11	9.824 942	16	0.175 058	9.919 831	5	247	
754	9.744 784	12	9.824 958	17	0.175 042	9.919 826	5	246	
755	9.744 796	11	9.824 975	16	0.175 025	9.919 821	5	245	
756	9.744 807	11	9.824 991	16	0.175 009	9.919 816	5	244	
757	9.744 818	12	9.825 007	17	0.174 993	9.919 811	5	243	
758	9.744 830	11	9.825 024	16	0.174 976	9.919 806	5	242	
759	9.744 841	11	9.825 040	17	0.174 960	9.919 801	5	241	
.760	9.744 852	12	9.825 057	16	0.174 943	9.919 796	5	.240	
761	9.744 864	11	9.825 073	16	0.174 927	9.919 791	5	239	
762	9.744 875	11	9.825 089	17	0.174 911	9.919 786	5	238	
763	9.744 886	12	9.825 106	16	0.174 894	9.919 781	5	237	
764	9.744 898	11	9.825 122	17	0.174 878	9.919 775	5	236	
765	9.744 909	11	9.825 139	16	0.174 861	9.919 770	5	235	
766	9.744 920	12	9.825 155	17	0.174 845	9.919 765	5	234	
767	9.744 932	11	9.825 172	16	0.174 828	9.919 760	5	233	
768	9.744 943	11	9.825 188	16	0.174 812	9.919 755	5	232	
769	9.744 954	12	9.825 204	17	0.174 796	9.919 750	5	231	
.770	9.744 966	11	9.825 221	16	0.174 779	9.919 745	5	.230	
771	9.744 977	11	9.825 237	17	0.174 763	9.919 740	5	229	
772	9.744 988	12	9.825 254	16	0.174 746	9.919 735	5	228	
773	9.745 000	11	9.825 270	16	0.174 730	9.919 730	5	227	
774	9.745 011	11	9.825 286	17	0.174 714	9.919 725	5	226	
775	9.745 022	12	9.825 303	16	0.174 697	9.919 720	5	225	
776	9.745 034	11	9.825 319	17	0.174 681	9.919 715	5	224	
777	9.745 045	11	9.825 336	16	0.174 664	9.919 710	5	223	
778	9.745 056	12	9.825 352	16	0.174 648	9.919 704	5	222	
779	9.745 068	11	9.825 368	17	0.174 632	9.919 699	5	221	
.780	9.745 079	11	9.825 385	16	0.174 615	9.919 694	5	.220	
781	9.745 090	12	9.825 401	17	0.174 599	9.919 689	5	219	
782	9.745 102	11	9.825 418	16	0.174 582	9.919 684	5	218	
783	9.745 113	11	9.825 434	16	0.174 566	9.919 679	5	217	
784	9.745 124	12	9.825 450	17	0.174 550	9.919 674	5	216	
785	9.745 136	11	9.825 467	16	0.174 533	9.919 669	5	215	
786	9.745 147	11	9.825 483	17	0.174 517	9.919 664	5	214	
787	9.745 158	12	9.825 500	16	0.174 500	9.919 659	5	213	
788	9.745 170	11	9.825 516	16	0.174 484	9.919 654	5	212	
789	9.745 181	11	9.825 532	17	0.174 468	9.919 649	5	211	
.790	9.745 192	12	9.825 549	16	0.174 451	9.919 644	5	.210	
791	9.745 204	11	9.825 565	17	0.174 435	9.919 639	5	209	
792	9.745 215	11	9.825 582	16	0.174 418	9.919 633	5	208	
793	9.745 226	12	9.825 598	16	0.174 402	9.919 628	5	207	
794	9.745 238	11	9.825 614	17	0.174 386	9.919 623	5	206	
795	9.745 249	11	9.825 631	16	0.174 369	9.919 618	5	205	
796	9.745 260	12	9.825 647	17	0.174 353	9.919 613	5	204	
797	9.745 272	11	9.825 664	16	0.174 336	9.919 608	5	203	
798	9.745 283	11	9.825 680	16	0.174 320	9.919 603	5	202	
799	9.745 294	12	9.825 696	17	0.174 304	9.919 598	5	201	
.800	9.745 306	11	9.825 713	16	0.174 287	9.919 593	5	.200	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.250 — 56°.200

33°.800 — 33°.850

33°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.745 306		9.825 713		0.174 287	9.919 593		.200	
801	9.745 317	11	9.825 729	16	0.174 271	9.919 588	5	199	
802	9.745 328	11	9.825 746	17	0.174 254	9.919 583	5	198	
803	9.745 340	12	9.825 762	16	0.174 238	9.919 578	5	197	
804	9.745 351	11	9.825 778	16	0.174 222	9.919 573	5	196	
805	9.745 362	11	9.825 795	17	0.174 205	9.919 568	5	195	
806	9.745 374	12	9.825 811	16	0.174 189	9.919 562	6	194	
807	9.745 385	11	9.825 828	17	0.174 172	9.919 557	5	193	
808	9.745 396	11	9.825 844	16	0.174 156	9.919 552	5	192	
809	9.745 408	12	9.825 860	16	0.174 140	9.919 547	5	191	
.810	9.745 419	11	9.825 877	17	0.174 123	9.919 542	5	.190	
811	9.745 430	11	9.825 893	16	0.174 107	9.919 537	5	189	
812	9.745 441	11	9.825 909	16	0.174 091	9.919 532	5	188	
813	9.745 453	12	9.825 926	17	0.174 074	9.919 527	5	187	
814	9.745 464	11	9.825 942	16	0.174 058	9.919 522	5	186	
815	9.745 475	11	9.825 959	17	0.174 041	9.919 517	5	185	
816	9.745 487	12	9.825 975	16	0.174 025	9.919 512	5	184	
817	9.745 498	11	9.825 991	16	0.174 009	9.919 507	5	183	
818	9.745 509	11	9.826 008	17	0.173 992	9.919 502	5	182	
819	9.745 521	12	9.826 024	16	0.173 976	9.919 496	6	181	
.820	9.745 532	11	9.826 041	17	0.173 959	9.919 491	5	.180	
821	9.745 543	11	9.826 057	16	0.173 943	9.919 486	5	179	
822	9.745 555	12	9.826 073	16	0.173 927	9.919 481	5	178	
823	9.745 566	11	9.826 090	17	0.173 910	9.919 476	5	177	
824	9.745 577	11	9.826 106	16	0.173 894	9.919 471	5	176	
825	9.745 589	12	9.826 123	17	0.173 877	9.919 466	5	175	
826	9.745 600	11	9.826 139	16	0.173 861	9.919 461	5	174	
827	9.745 611	11	9.826 155	16	0.173 845	9.919 456	5	173	
828	9.745 623	12	9.826 172	17	0.173 828	9.919 451	5	172	
829	9.745 634	11	9.826 188	16	0.173 812	9.919 446	5	171	
.830	9.745 645	11	9.826 205	17	0.173 795	9.919 441	5	.170	
831	9.745 656	11	9.826 221	16	0.173 779	9.919 436	5	169	
832	9.745 668	12	9.826 237	16	0.173 763	9.919 430	6	168	
833	9.745 679	11	9.826 254	17	0.173 746	9.919 425	5	167	
834	9.745 690	11	9.826 270	16	0.173 730	9.919 420	5	166	
835	9.745 702	12	9.826 286	16	0.173 714	9.919 415	5	165	
836	9.745 713	11	9.826 303	17	0.173 697	9.919 410	5	164	
837	9.745 724	11	9.826 319	16	0.173 681	9.919 405	5	163	
838	9.745 736	12	9.826 336	17	0.173 664	9.919 400	5	162	
839	9.745 747	11	9.826 352	16	0.173 648	9.919 395	5	161	
.840	9.745 758	11	9.826 368	16	0.173 632	9.919 390	5	.160	
841	9.745 770	12	9.826 385	17	0.173 615	9.919 385	5	159	
842	9.745 781	11	9.826 401	16	0.173 599	9.919 380	5	158	
843	9.745 792	11	9.826 418	17	0.173 582	9.919 375	5	157	
844	9.745 803	11	9.826 434	16	0.173 566	9.919 369	6	156	
845	9.745 815	12	9.826 450	16	0.173 550	9.919 364	5	155	
846	9.745 826	11	9.826 467	17	0.173 533	9.919 359	5	154	
847	9.745 837	11	9.826 483	16	0.173 517	9.919 354	5	153	
848	9.745 849	12	9.826 500	17	0.173 500	9.919 349	5	152	
849	9.745 860	11	9.826 516	16	0.173 484	9.919 344	5	151	
.850	9.745 871	11	9.826 532	16	0.173 468	9.919 339	5	.150	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

33°.850 — 33°.900

33°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.745 871		9.826 532		0.173 468	9.919 339		.150	
851	9.745 883	12	9.826 549	17	0.173 451	9.919 334	5	149	
852	9.745 894	11	9.826 565	16	0.173 435	9.919 329	5	148	
853	9.745 905	11	9.826 581	16	0.173 419	9.919 324	5	147	
854	9.745 916	11	9.826 598	17	0.173 402	9.919 319	5	146	
855	9.745 928	12	9.826 614	16	0.173 386	9.919 314	5	145	
856	9.745 939	11	9.826 631	17	0.173 369	9.919 308	6	144	
857	9.745 950	11	9.826 647	16	0.173 353	9.919 303	5	143	
858	9.745 962	12	9.826 663	16	0.173 337	9.919 298	5	142	
859	9.745 973	11	9.826 680	17	0.173 320	9.919 293	5	141	
.860	9.745 984	11	9.826 696	16	0.173 304	9.919 288	5	.140	
861	9.745 996	12	9.826 713	17	0.173 287	9.919 283	5	139	
862	9.746 007	11	9.826 729	16	0.173 271	9.919 278	5	138	
863	9.746 018	11	9.826 745	16	0.173 255	9.919 273	5	137	
864	9.746 029	11	9.826 762	17	0.173 238	9.919 268	5	136	
865	9.746 041	12	9.826 778	16	0.173 222	9.919 263	5	135	
866	9.746 052	11	9.826 794	16	0.173 206	9.919 258	5	134	
867	9.746 063	11	9.826 811	17	0.173 189	9.919 253	5	133	
868	9.746 075	12	9.826 827	16	0.173 173	9.919 247	6	132	
869	9.746 086	11	9.826 844	17	0.173 156	9.919 242	5	131	
.870	9.746 097	11	9.826 860	16	0.173 140	9.919 237	5	.130	
871	9.746 108	11	9.826 876	16	0.173 124	9.919 232	5	129	
872	9.746 120	12	9.826 893	17	0.173 107	9.919 227	5	128	
873	9.746 131	11	9.826 909	16	0.173 091	9.919 222	5	127	
874	9.746 142	11	9.826 925	16	0.173 075	9.919 217	5	126	
875	9.746 154	12	9.826 942	17	0.173 058	9.919 212	5	125	
876	9.746 165	11	9.826 958	16	0.173 042	9.919 207	5	124	
877	9.746 176	11	9.826 975	17	0.173 025	9.919 202	5	123	
878	9.746 188	12	9.826 991	16	0.173 009	9.919 197	5	122	
879	9.746 199	11	9.827 007	16	0.172 993	9.919 191	6	121	
.880	9.746 210	11	9.827 024	17	0.172 976	9.919 186	5	.120	
881	9.746 221	11	9.827 040	16	0.172 960	9.919 181	5	119	
882	9.746 233	12	9.827 056	16	0.172 944	9.919 176	5	118	
883	9.746 244	11	9.827 073	17	0.172 927	9.919 171	5	117	
884	9.746 255	11	9.827 089	16	0.172 911	9.919 166	5	116	
885	9.746 267	12	9.827 106	17	0.172 894	9.919 161	5	115	
886	9.746 278	11	9.827 122	16	0.172 878	9.919 156	5	114	
887	9.746 289	11	9.827 138	16	0.172 862	9.919 151	5	113	
888	9.746 300	11	9.827 155	17	0.172 845	9.919 146	5	112	
889	9.746 312	12	9.827 171	16	0.172 829	9.919 141	5	111	
.890	9.746 323	11	9.827 188	17	0.172 812	9.919 135	6	.110	
891	9.746 334	11	9.827 204	16	0.172 796	9.919 130	5	109	
892	9.746 346	12	9.827 220	16	0.172 780	9.919 125	5	108	
893	9.746 357	11	9.827 237	17	0.172 763	9.919 120	5	107	
894	9.746 368	11	9.827 253	16	0.172 747	9.919 115	5	106	
895	9.746 379	11	9.827 269	16	0.172 731	9.919 110	5	105	
896	9.746 391	12	9.827 286	17	0.172 714	9.919 105	5	104	
897	9.746 402	11	9.827 302	16	0.172 698	9.919 100	5	103	
898	9.746 413	11	9.827 319	17	0.172 681	9.919 095	5	102	
899	9.746 424	11	9.827 335	16	0.172 665	9.919 090	5	101	
.900	9.746 436	12	9.827 351	16	0.172 649	9.919 085	5	.100	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.150 — 56°.100

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

33°.900 — 33°.950

33°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.746 436		9.827 351		0.172 649	9.919 085		.100	
901	9.746 447	11	9.827 368	17	0.172 632	9.919 079	6	099	
902	9.746 458	11	9.827 384	16	0.172 616	9.919 074	5	098	
903	9.746 470	12	9.827 400	16	0.172 600	9.919 069	5	097	
904	9.746 481	11	9.827 417	17	0.172 583	9.919 064	5	096	
905	9.746 492	11	9.827 433	16	0.172 567	9.919 059	5	095	
906	9.746 503	11	9.827 449	16	0.172 551	9.919 054	5	094	
907	9.746 515	12	9.827 466	17	0.172 534	9.919 049	5	093	
908	9.746 526	11	9.827 482	16	0.172 518	9.919 044	5	092	
909	9.746 537	11	9.827 499	17	0.172 501	9.919 039	5	091	
.910	9.746 549	12	9.827 515	16	0.172 485	9.919 034	5	.090	
911	9.746 560	11	9.827 531	16	0.172 469	9.919 028	6	089	
912	9.746 571	11	9.827 548	17	0.172 452	9.919 023	5	088	
913	9.746 582	11	9.827 564	16	0.172 436	9.919 018	5	087	
914	9.746 594	12	9.827 580	16	0.172 420	9.919 013	5	086	
915	9.746 605	11	9.827 597	17	0.172 403	9.919 008	5	085	
916	9.746 616	11	9.827 613	16	0.172 387	9.919 003	5	084	
917	9.746 627	11	9.827 630	17	0.172 370	9.918 998	5	083	
918	9.746 639	12	9.827 646	16	0.172 354	9.918 993	5	082	
919	9.746 650	11	9.827 662	16	0.172 338	9.918 988	5	081	
.920	9.746 661	11	9.827 679	17	0.172 321	9.918 983	5	.080	
921	9.746 673	12	9.827 695	16	0.172 305	9.918 978	5	079	
922	9.746 684	11	9.827 711	16	0.172 289	9.918 972	6	078	
923	9.746 695	11	9.827 728	17	0.172 272	9.918 967	5	077	
924	9.746 706	11	9.827 744	16	0.172 256	9.918 962	5	076	
925	9.746 718	12	9.827 761	17	0.172 239	9.918 957	5	075	
926	9.746 729	11	9.827 777	16	0.172 223	9.918 952	5	074	
927	9.746 740	11	9.827 793	16	0.172 207	9.918 947	5	073	
928	9.746 751	11	9.827 810	17	0.172 190	9.918 942	5	072	
929	9.746 763	12	9.827 826	16	0.172 174	9.918 937	5	071	
.930	9.746 774	11	9.827 842	16	0.172 158	9.918 932	5	.070	
931	9.746 785	11	9.827 859	17	0.172 141	9.918 927	5	069	
932	9.746 797	12	9.827 875	16	0.172 125	9.918 921	6	068	
933	9.746 808	11	9.827 891	16	0.172 109	9.918 916	5	067	
934	9.746 819	11	9.827 908	17	0.172 092	9.918 911	5	066	
935	9.746 830	11	9.827 924	16	0.172 076	9.918 906	5	065	
936	9.746 842	12	9.827 941	17	0.172 059	9.918 901	5	064	
937	9.746 853	11	9.827 957	16	0.172 043	9.918 896	5	063	
938	9.746 864	11	9.827 973	16	0.172 027	9.918 891	5	062	
939	9.746 875	11	9.827 990	17	0.172 010	9.918 886	5	061	
.940	9.746 887	12	9.828 006	16	0.171 994	9.918 881	5	.060	
941	9.746 898	11	9.828 022	16	0.171 978	9.918 876	5	059	
942	9.746 909	11	9.828 039	17	0.171 961	9.918 870	6	058	
943	9.746 920	11	9.828 055	16	0.171 945	9.918 865	5	057	
944	9.746 932	12	9.828 071	16	0.171 929	9.918 860	5	056	
945	9.746 943	11	9.828 088	17	0.171 912	9.918 855	5	055	
946	9.746 954	11	9.828 104	16	0.171 896	9.918 850	5	054	
947	9.746 965	11	9.828 121	17	0.171 879	9.918 845	5	053	
948	9.746 977	12	9.828 137	16	0.171 863	9.918 840	5	052	
949	9.746 988	11	9.828 153	16	0.171 847	9.918 835	5	051	
.950	9.746 999	11	9.828 170	17	0.171 830	9.918 830	5	.050	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.100 — 56°.050

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

33°.950 — 34°.000

33°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.746 999		9.828 170		0.171 830	9.918 830		.050	
951	9.747 010	11	9.828 186	16	0.171 814	9.918 825	5	049	
952	9.747 022	12	9.828 202	16	0.171 798	9.918 819	6	048	
953	9.747 033	11	9.828 219	17	0.171 781	9.918 814	5	047	
954	9.747 044	11	9.828 235	16	0.171 765	9.918 809	5	046	
955	9.747 056	12	9.828 251	16	0.171 749	9.918 804	5	045	
956	9.747 067	11	9.828 268	17	0.171 732	9.918 799	5	044	
957	9.747 078	11	9.828 284	16	0.171 716	9.918 794	5	043	
958	9.747 089	11	9.828 301	17	0.171 699	9.918 789	5	042	
959	9.747 101	12	9.828 317	16	0.171 683	9.918 784	5	041	
.960	9.747 112	11	9.828 333	16	0.171 667	9.918 779	5	.040	
961	9.747 123	11	9.828 350	17	0.171 650	9.918 773	6	039	
962	9.747 134	11	9.828 366	16	0.171 634	9.918 768	5	038	
963	9.747 146	12	9.828 382	16	0.171 618	9.918 763	5	037	
964	9.747 157	11	9.828 399	17	0.171 601	9.918 758	5	036	
965	9.747 168	11	9.828 415	16	0.171 585	9.918 753	5	035	
966	9.747 179	11	9.828 431	16	0.171 569	9.918 748	5	034	
967	9.747 191	12	9.828 448	17	0.171 552	9.918 743	5	033	
968	9.747 202	11	9.828 464	16	0.171 536	9.918 738	5	032	
969	9.747 213	11	9.828 480	16	0.171 520	9.918 733	5	031	
.970	9.747 224	11	9.828 497	17	0.171 503	9.918 728	5	.030	
971	9.747 236	12	9.828 513	16	0.171 487	9.918 722	6	029	
972	9.747 247	11	9.828 530	17	0.171 470	9.918 717	5	028	
973	9.747 258	11	9.828 546	16	0.171 454	9.918 712	5	027	
974	9.747 269	11	9.828 562	16	0.171 438	9.918 707	5	026	
975	9.747 281	12	9.828 579	17	0.171 421	9.918 702	5	025	
976	9.747 292	11	9.828 595	16	0.171 405	9.918 697	5	024	
977	9.747 303	11	9.828 611	16	0.171 389	9.918 692	5	023	
978	9.747 314	11	9.828 628	17	0.171 372	9.918 687	5	022	
979	9.747 326	12	9.828 644	16	0.171 356	9.918 682	5	021	
.980	9.747 337	11	9.828 660	16	0.171 340	9.918 676	6	.020	
981	9.747 348	11	9.828 677	17	0.171 323	9.918 671	5	019	
982	9.747 359	11	9.828 693	16	0.171 307	9.918 666	5	018	
983	9.747 371	12	9.828 709	16	0.171 291	9.918 661	5	017	
984	9.747 382	11	9.828 726	17	0.171 274	9.918 656	5	016	
985	9.747 393	11	9.828 742	16	0.171 258	9.918 651	5	015	
986	9.747 404	11	9.828 759	17	0.171 241	9.918 646	5	014	
987	9.747 416	12	9.828 775	16	0.171 225	9.918 641	5	013	
988	9.747 427	11	9.828 791	16	0.171 209	9.918 636	5	012	
989	9.747 438	11	9.828 808	17	0.171 192	9.918 630	6	011	
.990	9.747 449	11	9.828 824	16	0.171 176	9.918 625	5	.010	
991	9.747 460	11	9.828 840	16	0.171 160	9.918 620	5	009	
992	9.747 472	12	9.828 857	17	0.171 143	9.918 615	5	008	
993	9.747 483	11	9.828 873	16	0.171 127	9.918 610	5	007	
994	9.747 494	11	9.828 889	16	0.171 111	9.918 605	5	006	
995	9.747 505	11	9.828 906	17	0.171 094	9.918 600	5	005	
996	9.747 517	12	9.828 922	16	0.171 078	9.918 595	5	004	
997	9.747 528	11	9.828 938	16	0.171 062	9.918 590	5	003	
998	9.747 539	11	9.828 955	17	0.171 045	9.918 584	6	002	
999	9.747 550	11	9.828 971	16	0.171 029	9.918 579	5	001	
*.000	9.747 562	12	9.828 987	16	0.171 013	9.918 574	5	.000	
	cos	d	cotg	d	tang	sin	d	56°	P.P.

56°.050 — 56°.000

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.000 — 34°.050

34°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.747 562		9.828 987		0.171 013	9.918 574		*.000	
001	9.747 573	11	9.829 004	17	0.170 996	9.918 569	5	999	
002	9.747 584	11	9.829 020	16	0.170 980	9.918 564	5	998	
003	9.747 595	11	9.829 036	16	0.170 964	9.918 559	5	997	
004	9.747 607	12	9.829 053	17	0.170 947	9.918 554	5	996	
005	9.747 618	11	9.829 069	16	0.170 931	9.918 549	5	995	
006	9.747 629	11	9.829 086	17	0.170 914	9.918 544	5	994	
007	9.747 640	11	9.829 102	16	0.170 898	9.918 538	6	993	
008	9.747 652	12	9.829 118	16	0.170 882	9.918 533	5	992	
009	9.747 663	11	9.829 135	17	0.170 865	9.918 528	5	991	
.010	9.747 674	11	9.829 151	16	0.170 849	9.918 523	5	.990	
011	9.747 685	11	9.829 167	16	0.170 833	9.918 518	5	989	
012	9.747 696	11	9.829 184	17	0.170 816	9.918 513	5	988	
013	9.747 708	12	9.829 200	16	0.170 800	9.918 508	5	987	
014	9.747 719	11	9.829 216	16	0.170 784	9.918 503	5	986	
015	9.747 730	11	9.829 233	17	0.170 767	9.918 498	5	985	
016	9.747 741	11	9.829 249	16	0.170 751	9.918 492	6	984	
017	9.747 753	12	9.829 265	16	0.170 735	9.918 487	5	983	
018	9.747 764	11	9.829 282	17	0.170 718	9.918 482	5	982	
019	9.747 775	11	9.829 298	16	0.170 702	9.918 477	5	981	
.020	9.747 786	11	9.829 314	16	0.170 686	9.918 472	5	.980	
021	9.747 798	12	9.829 331	17	0.170 669	9.918 467	5	979	
022	9.747 809	11	9.829 347	16	0.170 653	9.918 462	5	978	
023	9.747 820	11	9.829 363	16	0.170 637	9.918 457	5	977	
024	9.747 831	11	9.829 380	17	0.170 620	9.918 451	6	976	
025	9.747 842	11	9.829 396	16	0.170 604	9.918 446	5	975	
026	9.747 854	12	9.829 412	16	0.170 588	9.918 441	5	974	
027	9.747 865	11	9.829 429	17	0.170 571	9.918 436	5	973	
028	9.747 876	11	9.829 445	16	0.170 555	9.918 431	5	972	
029	9.747 887	11	9.829 461	16	0.170 539	9.918 426	5	971	
.030	9.747 899	12	9.829 478	17	0.170 522	9.918 421	5	.970	
031	9.747 910	11	9.829 494	16	0.170 506	9.918 416	5	969	
032	9.747 921	11	9.829 511	17	0.170 489	9.918 411	5	968	
033	9.747 932	11	9.829 527	16	0.170 473	9.918 405	6	967	
034	9.747 943	11	9.829 543	16	0.170 457	9.918 400	5	966	
035	9.747 955	12	9.829 560	17	0.170 440	9.918 395	5	965	
036	9.747 966	11	9.829 576	16	0.170 424	9.918 390	5	964	
037	9.747 977	11	9.829 592	16	0.170 408	9.918 385	5	963	
038	9.747 988	11	9.829 609	17	0.170 391	9.918 380	5	962	
039	9.748 000	12	9.829 625	16	0.170 375	9.918 375	5	961	
.040	9.748 011	11	9.829 641	16	0.170 359	9.918 370	5	.960	
041	9.748 022	11	9.829 658	17	0.170 342	9.918 364	6	959	
042	9.748 033	11	9.829 674	16	0.170 326	9.918 359	5	958	
043	9.748 044	11	9.829 690	16	0.170 310	9.918 354	5	957	
044	9.748 056	12	9.829 707	17	0.170 293	9.918 349	5	956	
045	9.748 067	11	9.829 723	16	0.170 277	9.918 344	5	955	
046	9.748 078	11	9.829 739	16	0.170 261	9.918 339	5	954	
047	9.748 089	11	9.829 756	17	0.170 244	9.918 334	5	953	
048	9.748 101	12	9.829 772	16	0.170 228	9.918 329	5	952	
049	9.748 112	11	9.829 788	16	0.170 212	9.918 323	6	951	
.050	9.748 123	11	9.829 805	17	0.170 195	9.918 318	5	.950	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

56°.000 — 55°.950

34°.050 — 34°.100

34°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.748 123		9.829 805		0.170 195	9.918 318		.950	
051	9.748 134	11	9.829 821	16	0.170 179	9.918 313	5	949	
052	9.748 145	11	9.829 837	16	0.170 163	9.918 308	5	948	
053	9.748 157	12	9.829 854	17	0.170 146	9.918 303	5	947	
054	9.748 168	11	9.829 870	16	0.170 130	9.918 298	5	946	
055	9.748 179	11	9.829 886	16	0.170 114	9.918 293	5	945	
056	9.748 190	11	9.829 903	17	0.170 097	9.918 288	5	944	
057	9.748 202	12	9.829 919	16	0.170 081	9.918 282	6	943	
058	9.748 213	11	9.829 935	16	0.170 065	9.918 277	5	942	
059	9.748 224	11	9.829 952	17	0.170 048	9.918 272	5	941	
.060	9.748 235	11	9.829 968	16	0.170 032	9.918 267	5	.940	
061	9.748 246	11	9.829 984	16	0.170 016	9.918 262	5	939	
062	9.748 258	12	9.830 001	17	0.169 999	9.918 257	5	938	
063	9.748 269	11	9.830 017	16	0.169 983	9.918 252	5	937	
064	9.748 280	11	9.830 033	16	0.169 967	9.918 247	5	936	
065	9.748 291	11	9.830 050	17	0.169 950	9.918 241	6	935	
066	9.748 302	11	9.830 066	16	0.169 934	9.918 236	5	934	
067	9.748 314	12	9.830 082	16	0.169 918	9.918 231	5	933	
068	9.748 325	11	9.830 099	17	0.169 901	9.918 226	5	932	
069	9.748 336	11	9.830 115	16	0.169 885	9.918 221	5	931	
.070	9.748 347	11	9.830 131	16	0.169 869	9.918 216	5	.930	
071	9.748 358	11	9.830 148	17	0.169 852	9.918 211	5	929	
072	9.748 370	12	9.830 164	16	0.169 836	9.918 206	5	928	
073	9.748 381	11	9.830 180	16	0.169 820	9.918 200	6	927	
074	9.748 392	11	9.830 197	17	0.169 803	9.918 195	5	926	
075	9.748 403	11	9.830 213	16	0.169 787	9.918 190	5	925	
076	9.748 414	11	9.830 229	16	0.169 771	9.918 185	5	924	
077	9.748 426	12	9.830 246	17	0.169 754	9.918 180	5	923	
078	9.748 437	11	9.830 262	16	0.169 738	9.918 175	5	922	
079	9.748 448	11	9.830 278	16	0.169 722	9.918 170	5	921	
.080	9.748 459	11	9.830 295	17	0.169 705	9.918 165	5	.920	
081	9.748 471	12	9.830 311	16	0.169 689	9.918 159	6	919	
082	9.748 482	11	9.830 327	16	0.169 673	9.918 154	5	918	
083	9.748 493	11	9.830 344	17	0.169 656	9.918 149	5	917	
084	9.748 504	11	9.830 360	16	0.169 640	9.918 144	5	916	
085	9.748 515	11	9.830 376	16	0.169 624	9.918 139	5	915	
086	9.748 527	12	9.830 393	17	0.169 607	9.918 134	5	914	
087	9.748 538	11	9.830 409	16	0.169 591	9.918 129	5	913	
088	9.748 549	11	9.830 425	16	0.169 575	9.918 124	5	912	
089	9.748 560	11	9.830 442	17	0.169 558	9.918 118	6	911	
.090	9.748 571	11	9.830 458	16	0.169 542	9.918 113	5	.910	
091	9.748 583	12	9.830 474	16	0.169 526	9.918 108	5	909	
092	9.748 594	11	9.830 491	17	0.169 509	9.918 103	5	908	
093	9.748 605	11	9.830 507	16	0.169 493	9.918 098	5	907	
094	9.748 616	11	9.830 523	16	0.169 477	9.918 093	5	906	
095	9.748 627	11	9.830 540	17	0.169 460	9.918 088	5	905	
096	9.748 639	12	9.830 556	16	0.169 444	9.918 083	5	904	
097	9.748 650	11	9.830 572	16	0.169 428	9.918 077	6	903	
098	9.748 661	11	9.830 589	17	0.169 411	9.918 072	5	902	
099	9.748 672	11	9.830 605	16	0.169 395	9.918 067	5	901	
.100	9.748 683	11	9.830 621	16	0.169 379	9.918 062	5	.900	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.950 — 55°.900

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.100 — 34°.150

34°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.748 683		9.830 621		0.169 379	9.918 062		.900	
101	9.748 694	11	9.830 638	17	0.169 362	9.918 057	5	899	
102	9.748 706	12	9.830 654	16	0.169 346	9.918 052	5	898	
103	9.748 717	11	9.830 670	16	0.169 330	9.918 047	5	897	
104	9.748 728	11	9.830 687	17	0.169 313	9.918 041	6	896	
105	9.748 739	11	9.830 703	16	0.169 297	9.918 036	5	895	
106	9.748 750	11	9.830 719	16	0.169 281	9.918 031	5	894	
107	9.748 762	12	9.830 736	17	0.169 264	9.918 026	5	893	
108	9.748 773	11	9.830 752	16	0.169 248	9.918 021	5	892	
109	9.748 784	11	9.830 768	16	0.169 232	9.918 016	5	891	
.110	9.748 795	11	9.830 785	17	0.169 215	9.918 011	5	.890	
111	9.748 806	11	9.830 801	16	0.169 199	9.918 006	5	889	
112	9.748 818	12	9.830 817	16	0.169 183	9.918 000	6	888	
113	9.748 829	11	9.830 834	17	0.169 166	9.917 995	5	887	
114	9.748 840	11	9.830 850	16	0.169 150	9.917 990	5	886	
115	9.748 851	11	9.830 866	16	0.169 134	9.917 985	5	885	
116	9.748 862	11	9.830 883	17	0.169 117	9.917 980	5	884	
117	9.748 874	12	9.830 899	16	0.169 101	9.917 975	5	883	
118	9.748 885	11	9.830 915	16	0.169 085	9.917 970	5	882	
119	9.748 896	11	9.830 931	16	0.169 069	9.917 964	6	881	
.120	9.748 907	11	9.830 948	17	0.169 052	9.917 959	5	.880	
121	9.748 918	11	9.830 964	16	0.169 036	9.917 954	5	879	
122	9.748 929	11	9.830 980	16	0.169 020	9.917 949	5	878	
123	9.748 941	12	9.830 997	17	0.169 003	9.917 944	5	877	
124	9.748 952	11	9.831 013	16	0.168 987	9.917 939	5	876	
125	9.748 963	11	9.831 029	16	0.168 971	9.917 934	5	875	
126	9.748 974	11	9.831 046	17	0.168 954	9.917 928	6	874	
127	9.748 985	11	9.831 062	16	0.168 938	9.917 923	5	873	
128	9.748 997	12	9.831 078	16	0.168 922	9.917 918	5	872	
129	9.749 008	11	9.831 095	17	0.168 905	9.917 913	5	871	
.130	9.749 019	11	9.831 111	16	0.168 889	9.917 908	5	.870	
131	9.749 030	11	9.831 127	16	0.168 873	9.917 903	5	869	
132	9.749 041	11	9.831 144	17	0.168 856	9.917 898	5	868	
133	9.749 053	12	9.831 160	16	0.168 840	9.917 893	5	867	
134	9.749 064	11	9.831 176	16	0.168 824	9.917 887	6	866	
135	9.749 075	11	9.831 193	17	0.168 807	9.917 882	5	865	
136	9.749 086	11	9.831 209	16	0.168 791	9.917 877	5	864	
137	9.749 097	11	9.831 225	16	0.168 775	9.917 872	5	863	
138	9.749 108	11	9.831 242	17	0.168 758	9.917 867	5	862	
139	9.749 120	12	9.831 258	16	0.168 742	9.917 862	5	861	
.140	9.749 131	11	9.831 274	16	0.168 726	9.917 857	5	.860	
141	9.749 142	11	9.831 291	17	0.168 709	9.917 851	6	859	
142	9.749 153	11	9.831 307	16	0.168 693	9.917 846	5	858	
143	9.749 164	11	9.831 323	16	0.168 677	9.917 841	5	857	
144	9.749 175	11	9.831 340	17	0.168 660	9.917 836	5	856	
145	9.749 187	12	9.831 356	16	0.168 644	9.917 831	5	855	
146	9.749 198	11	9.831 372	16	0.168 628	9.917 826	5	854	
147	9.749 209	11	9.831 388	16	0.168 612	9.917 821	5	853	
148	9.749 220	11	9.831 405	17	0.168 595	9.917 815	6	852	
149	9.749 231	11	9.831 421	16	0.168 579	9.917 810	5	851	
.150	9.749 243	12	9.831 437	16	0.168 563	9.917 805	5	.850	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.900 — 55°.850

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.150 — 34°.200

34°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.749 243		9.831 437		0.168 563	9.917 805		.850	
151	9.749 254	11	9.831 454	17	0.168 546	9.917 800	5	849	
152	9.749 265	11	9.831 470	16	0.168 530	9.917 795	5	848	
153	9.749 276	11	9.831 486	16	0.168 514	9.917 790	5	847	
154	9.749 287	11	9.831 503	17	0.168 497	9.917 785	5	846	
155	9.749 298	11	9.831 519	16	0.168 481	9.917 779	6	845	
156	9.749 310	12	9.831 535	16	0.168 465	9.917 774	5	844	
157	9.749 321	11	9.831 552	17	0.168 448	9.917 769	5	843	
158	9.749 332	11	9.831 568	16	0.168 432	9.917 764	5	842	
159	9.749 343	11	9.831 584	16	0.168 416	9.917 759	5	841	
.160	9.749 354	11	9.831 601	17	0.168 399	9.917 754	5	.840	
161	9.749 365	11	9.831 617	16	0.168 383	9.917 749	5	839	
162	9.749 377	12	9.831 633	16	0.168 367	9.917 743	6	838	
163	9.749 388	11	9.831 649	16	0.168 351	9.917 738	5	837	
164	9.749 399	11	9.831 666	17	0.168 334	9.917 733	5	836	
165	9.749 410	11	9.831 682	16	0.168 318	9.917 728	5	835	
166	9.749 421	11	9.831 698	16	0.168 302	9.917 723	5	834	
167	9.749 432	11	9.831 715	17	0.168 285	9.917 718	5	833	
168	9.749 444	12	9.831 731	16	0.168 269	9.917 713	5	832	
169	9.749 455	11	9.831 747	16	0.168 253	9.917 707	6	831	
.170	9.749 466	11	9.831 764	17	0.168 236	9.917 702	5	.830	
171	9.749 477	11	9.831 780	16	0.168 220	9.917 697	5	829	
172	9.749 488	11	9.831 796	16	0.168 204	9.917 692	5	828	
173	9.749 499	11	9.831 813	17	0.168 187	9.917 687	5	827	
174	9.749 511	12	9.831 829	16	0.168 171	9.917 682	5	826	
175	9.749 522	11	9.831 845	16	0.168 155	9.917 677	5	825	
176	9.749 533	11	9.831 862	17	0.168 138	9.917 671	6	824	
177	9.749 544	11	9.831 878	16	0.168 122	9.917 666	5	823	
178	9.749 555	11	9.831 894	16	0.168 106	9.917 661	5	822	
179	9.749 566	11	9.831 910	16	0.168 090	9.917 656	5	821	
.180	9.749 578	12	9.831 927	17	0.168 073	9.917 651	5	.820	
181	9.749 589	11	9.831 943	16	0.168 057	9.917 646	5	819	
182	9.749 600	11	9.831 959	16	0.168 041	9.917 641	5	818	
183	9.749 611	11	9.831 976	17	0.168 024	9.917 635	6	817	
184	9.749 622	11	9.831 992	16	0.168 008	9.917 630	5	816	
185	9.749 633	11	9.832 008	16	0.167 992	9.917 625	5	815	
186	9.749 645	12	9.832 025	17	0.167 975	9.917 620	5	814	
187	9.749 656	11	9.832 041	16	0.167 959	9.917 615	5	813	
188	9.749 667	11	9.832 057	16	0.167 943	9.917 610	5	812	
189	9.749 678	11	9.832 074	17	0.167 926	9.917 604	6	811	
.190	9.749 689	11	9.832 090	16	0.167 910	9.917 599	5	.810	
191	9.749 700	11	9.832 106	16	0.167 894	9.917 594	5	809	
192	9.749 712	12	9.832 122	16	0.167 878	9.917 589	5	808	
193	9.749 723	11	9.832 139	17	0.167 861	9.917 584	5	807	
194	9.749 734	11	9.832 155	16	0.167 845	9.917 579	5	806	
195	9.749 745	11	9.832 171	16	0.167 829	9.917 574	5	805	
196	9.749 756	11	9.832 188	17	0.167 812	9.917 568	6	804	
197	9.749 767	11	9.832 204	16	0.167 796	9.917 563	5	803	
198	9.749 778	11	9.832 220	16	0.167 780	9.917 558	5	802	
199	9.749 790	12	9.832 237	17	0.167 763	9.917 553	5	801	
.200	9.749 801	11	9.832 253	16	0.167 747	9.917 548	5	.800	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.850 — 55°.800

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
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5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
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4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.200 — 34°.250

34°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.749 801		9.832 253		0.167 747	9.917 548		.800	
201	9.749 812	11	9.832 269	16	0.167 731	9.917 543	5	799	
202	9.749 823	11	9.832 286	17	0.167 714	9.917 538	5	798	
203	9.749 834	11	9.832 302	16	0.167 698	9.917 532	6	797	
204	9.749 845	11	9.832 318	16	0.167 682	9.917 527	5	796	
205	9.749 857	12	9.832 334	16	0.167 666	9.917 522	5	795	
206	9.749 868	11	9.832 351	17	0.167 649	9.917 517	5	794	
207	9.749 879	11	9.832 367	16	0.167 633	9.917 512	5	793	
208	9.749 890	11	9.832 383	16	0.167 617	9.917 507	5	792	
209	9.749 901	11	9.832 400	17	0.167 600	9.917 501	6	791	
.210	9.749 912	11	9.832 416	16	0.167 584	9.917 496	5	.790	
211	9.749 923	11	9.832 432	16	0.167 568	9.917 491	5	789	
212	9.749 935	12	9.832 449	17	0.167 551	9.917 486	5	788	
213	9.749 946	11	9.832 465	16	0.167 535	9.917 481	5	787	
214	9.749 957	11	9.832 481	16	0.167 519	9.917 476	5	786	
215	9.749 968	11	9.832 497	16	0.167 503	9.917 471	5	785	
216	9.749 979	11	9.832 514	17	0.167 486	9.917 465	6	784	
217	9.749 990	11	9.832 530	16	0.167 470	9.917 460	5	783	
218	9.750 001	11	9.832 546	16	0.167 454	9.917 455	5	782	
219	9.750 013	12	9.832 563	17	0.167 437	9.917 450	5	781	
.220	9.750 024	11	9.832 579	16	0.167 421	9.917 445	5	.780	
221	9.750 035	11	9.832 595	16	0.167 405	9.917 440	5	779	
222	9.750 046	11	9.832 612	17	0.167 388	9.917 434	6	778	
223	9.750 057	11	9.832 628	16	0.167 372	9.917 429	5	777	
224	9.750 068	11	9.832 644	16	0.167 356	9.917 424	5	776	
225	9.750 079	11	9.832 660	16	0.167 340	9.917 419	5	775	
226	9.750 091	12	9.832 677	17	0.167 323	9.917 414	5	774	
227	9.750 102	11	9.832 693	16	0.167 307	9.917 409	5	773	
228	9.750 113	11	9.832 709	16	0.167 291	9.917 404	5	772	
229	9.750 124	11	9.832 726	17	0.167 274	9.917 398	6	771	
.230	9.750 135	11	9.832 742	16	0.167 258	9.917 393	5	.770	
231	9.750 146	11	9.832 758	16	0.167 242	9.917 388	5	769	
232	9.750 157	11	9.832 775	17	0.167 225	9.917 383	5	768	
233	9.750 169	12	9.832 791	16	0.167 209	9.917 378	5	767	
234	9.750 180	11	9.832 807	16	0.167 193	9.917 373	5	766	
235	9.750 191	11	9.832 823	16	0.167 177	9.917 367	6	765	
236	9.750 202	11	9.832 840	17	0.167 160	9.917 362	5	764	
237	9.750 213	11	9.832 856	16	0.167 144	9.917 357	5	763	
238	9.750 224	11	9.832 872	16	0.167 128	9.917 352	5	762	
239	9.750 235	11	9.832 889	17	0.167 111	9.917 347	5	761	
.240	9.750 247	12	9.832 905	16	0.167 095	9.917 342	5	.760	
241	9.750 258	11	9.832 921	16	0.167 079	9.917 336	6	759	
242	9.750 269	11	9.832 938	17	0.167 062	9.917 331	5	758	
243	9.750 280	11	9.832 954	16	0.167 046	9.917 326	5	757	
244	9.750 291	11	9.832 970	16	0.167 030	9.917 321	5	756	
245	9.750 302	11	9.832 986	16	0.167 014	9.917 316	5	755	
246	9.750 313	11	9.833 003	17	0.166 997	9.917 311	5	754	
247	9.750 324	11	9.833 019	16	0.166 981	9.917 305	6	753	
248	9.750 336	12	9.833 035	16	0.166 965	9.917 300	5	752	
249	9.750 347	11	9.833 052	17	0.166 948	9.917 295	5	751	
.250	9.750 358	11	9.833 068	16	0.166 932	9.917 290	5	.750	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.800 — 55°.750

	17	16
1	1.7	1.6
2	3.4	3.2
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.250 — 34°.300

34°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.750 358		9.833 068		0.166 932	9.917 290		.750	
251	9.750 369	11	9.833 084	16	0.166 916	9.917 285	5	749	
252	9.750 380	11	9.833 100	16	0.166 900	9.917 280	5	748	
253	9.750 391	11	9.833 117	17	0.166 883	9.917 275	5	747	
		11		16			6		
254	9.750 402	12	9.833 133	16	0.166 867	9.917 269	5	746	
255	9.750 414	11	9.833 149	17	0.166 851	9.917 264	5	745	
256	9.750 425	11	9.833 166	16	0.166 834	9.917 259	5	744	
		11		16			5		
257	9.750 436	11	9.833 182	16	0.166 818	9.917 254	5	743	
258	9.750 447	11	9.833 198	17	0.166 802	9.917 249	5	742	
259	9.750 458	11	9.833 215	16	0.166 785	9.917 244	5	741	
		11		16			6		
.260	9.750 469	11	9.833 231	16	0.166 769	9.917 238	5	.740	
		11		16			5		
261	9.750 480	11	9.833 247	16	0.166 753	9.917 233	5	739	
262	9.750 491	12	9.833 263	17	0.166 737	9.917 228	5	738	
263	9.750 503	11	9.833 280	16	0.166 720	9.917 223	5	737	
		11		16			5		
264	9.750 514	11	9.833 296	16	0.166 704	9.917 218	5	736	
265	9.750 525	11	9.833 312	17	0.166 688	9.917 213	5	735	
266	9.750 536	11	9.833 329	16	0.166 671	9.917 207	6	734	
		11		16			5		
267	9.750 547	11	9.833 345	16	0.166 655	9.917 202	5	733	
268	9.750 558	11	9.833 361	16	0.166 639	9.917 197	5	732	
269	9.750 569	11	9.833 377	16	0.166 623	9.917 192	5	731	
		11		17			5		
.270	9.750 580	12	9.833 394	16	0.166 606	9.917 187	5	.730	
		11		16			5		
271	9.750 592	11	9.833 410	16	0.166 590	9.917 182	6	729	
272	9.750 603	11	9.833 426	17	0.166 574	9.917 176	5	728	
273	9.750 614	11	9.833 443	16	0.166 557	9.917 171	5	727	
		11		16			5		
274	9.750 625	11	9.833 459	16	0.166 541	9.917 166	5	726	
275	9.750 636	11	9.833 475	16	0.166 525	9.917 161	5	725	
276	9.750 647	11	9.833 491	16	0.166 509	9.917 156	5	724	
		11		17			5		
277	9.750 658	11	9.833 508	16	0.166 492	9.917 151	6	723	
278	9.750 669	11	9.833 524	16	0.166 476	9.917 145	5	722	
279	9.750 681	12	9.833 540	16	0.166 460	9.917 140	5	721	
		11		17			5		
.280	9.750 692	11	9.833 557	16	0.166 443	9.917 135	5	.720	
		11		16			5		
281	9.750 703	11	9.833 573	16	0.166 427	9.917 130	5	719	
282	9.750 714	11	9.833 589	16	0.166 411	9.917 125	5	718	
283	9.750 725	11	9.833 605	17	0.166 395	9.917 120	6	717	
		11		16			5		
284	9.750 736	11	9.833 622	16	0.166 378	9.917 114	5	716	
285	9.750 747	11	9.833 638	16	0.166 362	9.917 109	5	715	
286	9.750 758	12	9.833 654	17	0.166 346	9.917 104	5	714	
		11		16			5		
287	9.750 770	11	9.833 671	16	0.166 329	9.917 099	5	713	
288	9.750 781	11	9.833 687	16	0.166 313	9.917 094	5	712	
289	9.750 792	11	9.833 703	16	0.166 297	9.917 089	5	711	
		11		16			6		
.290	9.750 803	11	9.833 719	17	0.166 281	9.917 083	5	.710	
		11		16			5		
291	9.750 814	11	9.833 736	16	0.166 264	9.917 078	5	709	
292	9.750 825	11	9.833 752	16	0.166 248	9.917 073	5	708	
293	9.750 836	11	9.833 768	16	0.166 232	9.917 068	5	707	
		11		17			5		
294	9.750 847	11	9.833 785	16	0.166 215	9.917 063	5	706	
295	9.750 858	12	9.833 801	16	0.166 199	9.917 058	5	705	
296	9.750 870	11	9.833 817	16	0.166 183	9.917 052	6	704	
		11		16			5		
297	9.750 881	11	9.833 833	17	0.166 167	9.917 047	5	703	
298	9.750 892	11	9.833 850	16	0.166 150	9.917 042	5	702	
299	9.750 903	11	9.833 866	16	0.166 134	9.917 037	5	701	
		11		16			5		
.300	9.750 914		9.833 882		0.166 118	9.917 032		.700	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.750 — 55°.700

34°.300 — 34°.350

34°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.750 914		9.833 882		0.166 118	9.917 032		.700	
301	9.750 925	11	9.833 899	17	0.166 101	9.917 027	5	699	
302	9.750 936	11	9.833 915	16	0.166 085	9.917 021	6	698	
303	9.750 947	11	9.833 931	16	0.166 069	9.917 016	5	697	
304	9.750 958	11	9.833 947	16	0.166 053	9.917 011	5	696	
305	9.750 970	12	9.833 964	17	0.166 036	9.917 006	5	695	
306	9.750 981	11	9.833 980	16	0.166 020	9.917 001	5	694	
307	9.750 992	11	9.833 996	16	0.166 004	9.916 996	5	693	
308	9.751 003	11	9.834 013	17	0.165 987	9.916 990	6	692	
309	9.751 014	11	9.834 029	16	0.165 971	9.916 985	5	691	
.310	9.751 025	11	9.834 045	16	0.165 955	9.916 980	5	.690	
311	9.751 036	11	9.834 061	16	0.165 939	9.916 975	5	689	
312	9.751 047	11	9.834 078	17	0.165 922	9.916 970	5	688	
313	9.751 058	11	9.834 094	16	0.165 906	9.916 964	6	687	
314	9.751 070	12	9.834 110	16	0.165 890	9.916 959	5	686	
315	9.751 081	11	9.834 126	16	0.165 874	9.916 954	5	685	
316	9.751 092	11	9.834 143	17	0.165 857	9.916 949	5	684	
317	9.751 103	11	9.834 159	16	0.165 841	9.916 944	5	683	
318	9.751 114	11	9.834 175	16	0.165 825	9.916 939	5	682	
319	9.751 125	11	9.834 192	17	0.165 808	9.916 933	6	681	
.320	9.751 136	11	9.834 208	16	0.165 792	9.916 928	5	.680	
321	9.751 147	11	9.834 224	16	0.165 776	9.916 923	5	679	
322	9.751 158	11	9.834 240	16	0.165 760	9.916 918	5	678	
323	9.751 169	11	9.834 257	17	0.165 743	9.916 913	5	677	
324	9.751 181	12	9.834 273	16	0.165 727	9.916 908	5	676	
325	9.751 192	11	9.834 289	16	0.165 711	9.916 902	6	675	
326	9.751 203	11	9.834 306	17	0.165 694	9.916 897	5	674	
327	9.751 214	11	9.834 322	16	0.165 678	9.916 892	5	673	
328	9.751 225	11	9.834 338	16	0.165 662	9.916 887	5	672	
329	9.751 236	11	9.834 354	16	0.165 646	9.916 882	5	671	
.330	9.751 247	11	9.834 371	17	0.165 629	9.916 877	5	.670	
331	9.751 258	11	9.834 387	16	0.165 613	9.916 871	6	669	
332	9.751 269	11	9.834 403	16	0.165 597	9.916 866	5	668	
333	9.751 280	11	9.834 419	16	0.165 581	9.916 861	5	667	
334	9.751 292	12	9.834 436	17	0.165 564	9.916 856	5	666	
335	9.751 303	11	9.834 452	16	0.165 548	9.916 851	5	665	
336	9.751 314	11	9.834 468	16	0.165 532	9.916 845	6	664	
337	9.751 325	11	9.834 485	17	0.165 515	9.916 840	5	663	
338	9.751 336	11	9.834 501	16	0.165 499	9.916 835	5	662	
339	9.751 347	11	9.834 517	16	0.165 483	9.916 830	5	661	
.340	9.751 358	11	9.834 533	16	0.165 467	9.916 825	5	.660	
341	9.751 369	11	9.834 550	17	0.165 450	9.916 820	5	659	
342	9.751 380	11	9.834 566	16	0.165 434	9.916 814	6	658	
343	9.751 391	11	9.834 582	16	0.165 418	9.916 809	5	657	
344	9.751 403	12	9.834 598	16	0.165 402	9.916 804	5	656	
345	9.751 414	11	9.834 615	17	0.165 385	9.916 799	5	655	
346	9.751 425	11	9.834 631	16	0.165 369	9.916 794	5	654	
347	9.751 436	11	9.834 647	16	0.165 353	9.916 788	6	653	
348	9.751 447	11	9.834 664	17	0.165 336	9.916 783	5	652	
349	9.751 458	11	9.834 680	16	0.165 320	9.916 778	5	651	
.350	9.751 469	11	9.834 696	16	0.165 304	9.916 773	5	.650	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
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3	5.1	4.8
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5	8.5	8.0
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7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.700 — 55°.650

34°.350 — 34°.400

34°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.751 469		9.834 696		0.165 304	9.916 773		.650	
351	9.751 480	11	9.834 712	16	0.165 288	9.916 768	5	649	
352	9.751 491	11	9.834 729	17	0.165 271	9.916 763	5	648	
353	9.751 502	11	9.834 745	16	0.165 255	9.916 757	6	647	
354	9.751 513	11	9.834 761	16	0.165 239	9.916 752	5	646	
355	9.751 525	12	9.834 777	16	0.165 223	9.916 747	5	645	
356	9.751 536	11	9.834 794	17	0.165 206	9.916 742	5	644	
357	9.751 547	11	9.834 810	16	0.165 190	9.916 737	5	643	
358	9.751 558	11	9.834 826	16	0.165 174	9.916 732	5	642	
359	9.751 569	11	9.834 843	17	0.165 157	9.916 726	6	641	
.360	9.751 580		9.834 859		0.165 141	9.916 721		.640	
361	9.751 591	11	9.834 875	16	0.165 125	9.916 716	5	639	
362	9.751 602	11	9.834 891	16	0.165 109	9.916 711	5	638	
363	9.751 613	11	9.834 908	17	0.165 092	9.916 706	5	637	
364	9.751 624	11	9.834 924	16	0.165 076	9.916 700	6	636	
365	9.751 635	11	9.834 940	16	0.165 060	9.916 695	5	635	
366	9.751 646	11	9.834 956	16	0.165 044	9.916 690	5	634	
367	9.751 658	12	9.834 973	17	0.165 027	9.916 685	5	633	
368	9.751 669	11	9.834 989	16	0.165 011	9.916 680	5	632	
369	9.751 680	11	9.835 005	16	0.164 995	9.916 674	6	631	
.370	9.751 691		9.835 021		0.164 979	9.916 669		.630	
371	9.751 702	11	9.835 038	17	0.164 962	9.916 664	5	629	
372	9.751 713	11	9.835 054	16	0.164 946	9.916 659	5	628	
373	9.751 724	11	9.835 070	16	0.164 930	9.916 654	5	627	
374	9.751 735	11	9.835 087	17	0.164 913	9.916 649	5	626	
375	9.751 746	11	9.835 103	16	0.164 897	9.916 643	6	625	
376	9.751 757	11	9.835 119	16	0.164 881	9.916 638	5	624	
377	9.751 768	11	9.835 135	16	0.164 865	9.916 633	5	623	
378	9.751 779	11	9.835 152	17	0.164 848	9.916 628	5	622	
379	9.751 791	12	9.835 168	16	0.164 832	9.916 623	5	621	
.380	9.751 802		9.835 184		0.164 816	9.916 617		.620	
381	9.751 813	11	9.835 200	16	0.164 800	9.916 612	5	619	
382	9.751 824	11	9.835 217	17	0.164 783	9.916 607	5	618	
383	9.751 835	11	9.835 233	16	0.164 767	9.916 602	5	617	
384	9.751 846	11	9.835 249	16	0.164 751	9.916 597	5	616	
385	9.751 857	11	9.835 265	16	0.164 735	9.916 592	5	615	
386	9.751 868	11	9.835 282	17	0.164 718	9.916 586	6	614	
387	9.751 879	11	9.835 298	16	0.164 702	9.916 581	5	613	
388	9.751 890	11	9.835 314	16	0.164 686	9.916 576	5	612	
389	9.751 901	11	9.835 331	17	0.164 669	9.916 571	5	611	
.390	9.751 912		9.835 347		0.164 653	9.916 566		.610	
391	9.751 923	11	9.835 363	16	0.164 637	9.916 560	5	609	
392	9.751 935	12	9.835 379	16	0.164 621	9.916 555	5	608	
393	9.751 946	11	9.835 396	17	0.164 604	9.916 550	5	607	
394	9.751 957	11	9.835 412	16	0.164 588	9.916 545	5	606	
395	9.751 968	11	9.835 428	16	0.164 572	9.916 540	5	605	
396	9.751 979	11	9.835 444	16	0.164 556	9.916 534	6	604	
397	9.751 990	11	9.835 461	17	0.164 539	9.916 529	5	603	
398	9.752 001	11	9.835 477	16	0.164 523	9.916 524	5	602	
399	9.752 012	11	9.835 493	16	0.164 507	9.916 519	5	601	
.400	9.752 023		9.835 509		0.164 491	9.916 514		.600	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.650 — 55°.600

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.400 — 34°.450

34°	sin	d	tang	d	cotg	cos	d		P.P.
·400	9.752 023		9.835 509		0.164 491	9.916 514		·600	
401	9.752 034	11	9.835 526	17	0.164 474	9.916 509	5	599	
402	9.752 045	11	9.835 542	16	0.164 458	9.916 503	6	598	
403	9.752 056	11	9.835 558	16	0.164 442	9.916 498	5	597	
404	9.752 067	11	9.835 574	16	0.164 426	9.916 493	5	596	
405	9.752 078	11	9.835 591	17	0.164 409	9.916 488	5	595	
406	9.752 089	11	9.835 607	16	0.164 393	9.916 483	5	594	
407	9.752 101	12	9.835 623	16	0.164 377	9.916 477	6	593	
408	9.752 112	11	9.835 639	16	0.164 361	9.916 472	5	592	
409	9.752 123	11	9.835 656	17	0.164 344	9.916 467	5	591	
·410	9.752 134	11	9.835 672	16	0.164 328	9.916 462	5	·590	
411	9.752 145	11	9.835 688	16	0.164 312	9.916 457	5	589	
412	9.752 156	11	9.835 704	16	0.164 296	9.916 451	6	588	
413	9.752 167	11	9.835 721	17	0.164 279	9.916 446	5	587	
414	9.752 178	11	9.835 737	16	0.164 263	9.916 441	5	586	
415	9.752 189	11	9.835 753	16	0.164 247	9.916 436	5	585	
416	9.752 200	11	9.835 770	17	0.164 230	9.916 431	5	584	
417	9.752 211	11	9.835 786	16	0.164 214	9.916 425	6	583	
418	9.752 222	11	9.835 802	16	0.164 198	9.916 420	5	582	
419	9.752 233	11	9.835 818	16	0.164 182	9.916 415	5	581	
·420	9.752 244	11	9.835 835	17	0.164 165	9.916 410	5	·580	
421	9.752 255	11	9.835 851	16	0.164 149	9.916 405	5	579	
422	9.752 267	12	9.835 867	16	0.164 133	9.916 399	6	578	
423	9.752 278	11	9.835 883	16	0.164 117	9.916 394	5	577	
424	9.752 289	11	9.835 900	17	0.164 100	9.916 389	5	576	
425	9.752 300	11	9.835 916	16	0.164 084	9.916 384	5	575	
426	9.752 311	11	9.835 932	16	0.164 068	9.916 379	5	574	
427	9.752 322	11	9.835 948	16	0.164 052	9.916 373	6	573	
428	9.752 333	11	9.835 965	17	0.164 035	9.916 368	5	572	
429	9.752 344	11	9.835 981	16	0.164 019	9.916 363	5	571	
·430	9.752 355	11	9.835 997	16	0.164 003	9.916 358	5	·570	
431	9.752 366	11	9.836 013	16	0.163 987	9.916 353	5	569	
432	9.752 377	11	9.836 030	17	0.163 970	9.916 348	5	568	
433	9.752 388	11	9.836 046	16	0.163 954	9.916 342	6	567	
434	9.752 399	11	9.836 062	16	0.163 938	9.916 337	5	566	
435	9.752 410	11	9.836 078	16	0.163 922	9.916 332	5	565	
436	9.752 421	11	9.836 095	17	0.163 905	9.916 327	5	564	
437	9.752 432	11	9.836 111	16	0.163 889	9.916 322	5	563	
438	9.752 443	11	9.836 127	16	0.163 873	9.916 316	6	562	
439	9.752 455	12	9.836 143	16	0.163 857	9.916 311	5	561	
·440	9.752 466	11	9.836 160	17	0.163 840	9.916 306	5	·560	
441	9.752 477	11	9.836 176	16	0.163 824	9.916 301	5	559	
442	9.752 488	11	9.836 192	16	0.163 808	9.916 296	5	558	
443	9.752 499	11	9.836 208	16	0.163 792	9.916 290	6	557	
444	9.752 510	11	9.836 225	17	0.163 775	9.916 285	5	556	
445	9.752 521	11	9.836 241	16	0.163 759	9.916 280	5	555	
446	9.752 532	11	9.836 257	16	0.163 743	9.916 275	5	554	
447	9.752 543	11	9.836 273	16	0.163 727	9.916 270	5	553	
448	9.752 554	11	9.836 290	17	0.163 710	9.916 264	6	552	
449	9.752 565	11	9.836 306	16	0.163 694	9.916 259	5	551	
·450	9.752 576	11	9.836 322	16	0.163 678	9.916 254	5	·550	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.600 — 55°.550

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.450 — 34°.500

34°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.752 576		9.836 322		0.163 678	9.916 254		.550	
451	9.752 587	11	9.836 338	16	0.163 662	9.916 249	5	549	
452	9.752 598	11	9.836 355	17	0.163 645	9.916 244	5	548	
453	9.752 609	11	9.836 371	16	0.163 629	9.916 238	6	547	
454	9.752 620	11	9.836 387	16	0.163 613	9.916 233	5	546	
455	9.752 631	11	9.836 403	16	0.163 597	9.916 228	5	545	
456	9.752 642	11	9.836 420	17	0.163 580	9.916 223	5	544	
457	9.752 653	11	9.836 436	16	0.163 564	9.916 218	5	543	
458	9.752 664	12	9.836 452	16	0.163 548	9.916 212	6	542	
459	9.752 676	11	9.836 468	16	0.163 532	9.916 207	5	541	
.460	9.752 687	11	9.836 485	17	0.163 515	9.916 202	5	.540	
461	9.752 698	11	9.836 501	16	0.163 499	9.916 197	5	539	
462	9.752 709	11	9.836 517	16	0.163 483	9.916 192	5	538	
463	9.752 720	11	9.836 533	16	0.163 467	9.916 186	6	537	
464	9.752 731	11	9.836 550	17	0.163 450	9.916 181	5	536	
465	9.752 742	11	9.836 566	16	0.163 434	9.916 176	5	535	
466	9.752 753	11	9.836 582	16	0.163 418	9.916 171	5	534	
467	9.752 764	11	9.836 598	16	0.163 402	9.916 166	5	533	
468	9.752 775	11	9.836 615	17	0.163 385	9.916 160	6	532	
469	9.752 786	11	9.836 631	16	0.163 369	9.916 155	5	531	
.470	9.752 797	11	9.836 647	16	0.163 353	9.916 150	5	.530	
471	9.752 808	11	9.836 663	16	0.163 337	9.916 145	5	529	
472	9.752 819	11	9.836 680	17	0.163 320	9.916 140	5	528	
473	9.752 830	11	9.836 696	16	0.163 304	9.916 134	6	527	
474	9.752 841	11	9.836 712	16	0.163 288	9.916 129	5	526	
475	9.752 852	11	9.836 728	16	0.163 272	9.916 124	5	525	
476	9.752 863	11	9.836 745	17	0.163 255	9.916 119	5	524	
477	9.752 874	11	9.836 761	16	0.163 239	9.916 113	6	523	
478	9.752 885	11	9.836 777	16	0.163 223	9.916 108	5	522	
479	9.752 896	11	9.836 793	16	0.163 207	9.916 103	5	521	
.480	9.752 907	11	9.836 810	17	0.163 190	9.916 098	5	.520	
481	9.752 918	11	9.836 826	16	0.163 174	9.916 093	5	519	
482	9.752 929	11	9.836 842	16	0.163 158	9.916 087	6	518	
483	9.752 940	11	9.836 858	16	0.163 142	9.916 082	5	517	
484	9.752 952	12	9.836 874	16	0.163 126	9.916 077	5	516	
485	9.752 963	11	9.836 891	17	0.163 109	9.916 072	5	515	
486	9.752 974	11	9.836 907	16	0.163 093	9.916 067	5	514	
487	9.752 985	11	9.836 923	16	0.163 077	9.916 061	6	513	
488	9.752 996	11	9.836 939	16	0.163 061	9.916 056	5	512	
489	9.753 007	11	9.836 956	17	0.163 044	9.916 051	5	511	
.490	9.753 018	11	9.836 972	16	0.163 028	9.916 046	5	.510	
491	9.753 029	11	9.836 988	16	0.163 012	9.916 041	5	509	
492	9.753 040	11	9.837 004	16	0.162 996	9.916 035	6	508	
493	9.753 051	11	9.837 021	17	0.162 979	9.916 030	5	507	
494	9.753 062	11	9.837 037	16	0.162 963	9.916 025	5	506	
495	9.753 073	11	9.837 053	16	0.162 947	9.916 020	5	505	
496	9.753 084	11	9.837 069	16	0.162 931	9.916 015	5	504	
497	9.753 095	11	9.837 086	17	0.162 914	9.916 009	6	503	
498	9.753 106	11	9.837 102	16	0.162 898	9.916 004	5	502	
499	9.753 117	11	9.837 118	16	0.162 882	9.915 999	5	501	
.500	9.753 128	11	9.837 134	16	0.162 866	9.915 994	5	.500	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.550 — 55°.500

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.500 — 34°.550

34°	sin	d	tang	d	cotg	cos	d		P.P.
•500	9.753 128		9.837 134		0.162 866	9.915 994		•500	
501	9.753 139	11	9.837 151	17	0.162 849	9.915 989	5	499	
502	9.753 150	11	9.837 167	16	0.162 833	9.915 983	6	498	
503	9.753 161	11	9.837 183	16	0.162 817	9.915 978	5	497	
504	9.753 172	11	9.837 199	16	0.162 801	9.915 973	5	496	
505	9.753 183	11	9.837 216	17	0.162 784	9.915 968	5	495	
506	9.753 194	11	9.837 232	16	0.162 768	9.915 962	6	494	
507	9.753 205	11	9.837 248	16	0.162 752	9.915 957	5	493	
508	9.753 216	11	9.837 264	16	0.162 736	9.915 952	5	492	
509	9.753 227	11	9.837 280	16	0.162 720	9.915 947	5	491	
•510	9.753 238	11	9.837 297	17	0.162 703	9.915 942	5	•490	
511	9.753 249	11	9.837 313	16	0.162 687	9.915 936	6	489	
512	9.753 260	11	9.837 329	16	0.162 671	9.915 931	5	488	
513	9.753 271	11	9.837 345	16	0.162 655	9.915 926	5	487	
514	9.753 282	11	9.837 362	17	0.162 638	9.915 921	5	486	
515	9.753 293	11	9.837 378	16	0.162 622	9.915 916	5	485	
516	9.753 304	11	9.837 394	16	0.162 606	9.915 910	6	484	
517	9.753 315	11	9.837 410	16	0.162 590	9.915 905	5	483	
518	9.753 326	11	9.837 427	17	0.162 573	9.915 900	5	482	
519	9.753 337	11	9.837 443	16	0.162 557	9.915 895	5	481	
•520	9.753 349	12	9.837 459	16	0.162 541	9.915 889	6	•480	
521	9.753 360	11	9.837 475	16	0.162 525	9.915 884	5	479	
522	9.753 371	11	9.837 492	17	0.162 508	9.915 879	5	478	
523	9.753 382	11	9.837 508	16	0.162 492	9.915 874	5	477	
524	9.753 393	11	9.837 524	16	0.162 476	9.915 869	5	476	
525	9.753 404	11	9.837 540	16	0.162 460	9.915 863	6	475	
526	9.753 415	11	9.837 556	16	0.162 444	9.915 858	5	474	
527	9.753 426	11	9.837 573	17	0.162 427	9.915 853	5	473	
528	9.753 437	11	9.837 589	16	0.162 411	9.915 848	5	472	
529	9.753 448	11	9.837 605	16	0.162 395	9.915 843	5	471	
•530	9.753 459	11	9.837 621	16	0.162 379	9.915 837	6	•470	
531	9.753 470	11	9.837 638	17	0.162 362	9.915 832	5	469	
532	9.753 481	11	9.837 654	16	0.162 346	9.915 827	5	468	
533	9.753 492	11	9.837 670	16	0.162 330	9.915 822	5	467	
534	9.753 503	11	9.837 686	16	0.162 314	9.915 816	6	466	
535	9.753 514	11	9.837 703	17	0.162 297	9.915 811	5	465	
536	9.753 525	11	9.837 719	16	0.162 281	9.915 806	5	464	
537	9.753 536	11	9.837 735	16	0.162 265	9.915 801	5	463	
538	9.753 547	11	9.837 751	16	0.162 249	9.915 796	5	462	
539	9.753 558	11	9.837 767	16	0.162 233	9.915 790	6	461	
•540	9.753 569	11	9.837 784	17	0.162 216	9.915 785	5	•460	
541	9.753 580	11	9.837 800	16	0.162 200	9.915 780	5	459	
542	9.753 591	11	9.837 816	16	0.162 184	9.915 775	5	458	
543	9.753 602	11	9.837 832	16	0.162 168	9.915 770	5	457	
544	9.753 613	11	9.837 849	17	0.162 151	9.915 764	6	456	
545	9.753 624	11	9.837 865	16	0.162 135	9.915 759	5	455	
546	9.753 635	11	9.837 881	16	0.162 119	9.915 754	5	454	
547	9.753 646	11	9.837 897	16	0.162 103	9.915 749	5	453	
548	9.753 657	11	9.837 913	16	0.162 087	9.915 743	6	452	
549	9.753 668	11	9.837 930	17	0.162 070	9.915 738	5	451	
•550	9.753 679	11	9.837 946	16	0.162 054	9.915 733	5	•450	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.500 — 55°.450

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	12	11
1	1.2	1.1
2	2.4	2.2
3	3.6	3.3
4	4.8	4.4
5	6.0	5.5
6	7.2	6.6
7	8.4	7.7
8	9.6	8.8
9	10.8	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.550 — 34°.600

34°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.753 679	11	9.837 946	16	0.162 054	9.915 733	5	.450	
551	9.753 690	11	9.837 962	16	0.162 038	9.915 728	5	449	
552	9.753 701	11	9.837 978	16	0.162 022	9.915 723	5	448	
553	9.753 712	11	9.837 995	17	0.162 005	9.915 717	6	447	
554	9.753 723	11	9.838 011	16	0.161 989	9.915 712	5	446	
555	9.753 734	11	9.838 027	16	0.161 973	9.915 707	5	445	
556	9.753 745	11	9.838 043	16	0.161 957	9.915 702	5	444	
557	9.753 756	11	9.838 060	17	0.161 940	9.915 696	6	443	
558	9.753 767	11	9.838 076	16	0.161 924	9.915 691	5	442	
559	9.753 778	11	9.838 092	16	0.161 908	9.915 686	5	441	
.560	9.753 789	11	9.838 108	16	0.161 892	9.915 681	5	.440	
561	9.753 800	11	9.838 124	16	0.161 876	9.915 676	5	439	
562	9.753 811	11	9.838 141	17	0.161 859	9.915 670	6	438	
563	9.753 822	11	9.838 157	16	0.161 843	9.915 665	5	437	
564	9.753 833	11	9.838 173	16	0.161 827	9.915 660	5	436	
565	9.753 844	11	9.838 189	16	0.161 811	9.915 655	5	435	
566	9.753 855	11	9.838 206	17	0.161 794	9.915 649	6	434	
567	9.753 866	11	9.838 222	16	0.161 778	9.915 644	5	433	
568	9.753 877	11	9.838 238	16	0.161 762	9.915 639	5	432	
569	9.753 888	11	9.838 254	16	0.161 746	9.915 634	5	431	
.570	9.753 899	11	9.838 270	16	0.161 730	9.915 629	5	.430	
571	9.753 910	11	9.838 287	17	0.161 713	9.915 623	6	429	
572	9.753 921	11	9.838 303	16	0.161 697	9.915 618	5	428	
573	9.753 932	11	9.838 319	16	0.161 681	9.915 613	5	427	
574	9.753 943	11	9.838 335	16	0.161 665	9.915 608	5	426	
575	9.753 954	11	9.838 352	17	0.161 648	9.915 602	6	425	
576	9.753 965	11	9.838 368	16	0.161 632	9.915 597	5	424	
577	9.753 976	11	9.838 384	16	0.161 616	9.915 592	5	423	
578	9.753 987	11	9.838 400	16	0.161 600	9.915 587	5	422	
579	9.753 998	11	9.838 416	16	0.161 584	9.915 582	5	421	
.580	9.754 009	11	9.838 433	17	0.161 567	9.915 576	6	.420	
581	9.754 020	11	9.838 449	16	0.161 551	9.915 571	5	419	
582	9.754 031	11	9.838 465	16	0.161 535	9.915 566	5	418	
583	9.754 042	11	9.838 481	16	0.161 519	9.915 561	5	417	
584	9.754 053	11	9.838 498	17	0.161 502	9.915 555	6	416	
585	9.754 064	11	9.838 514	16	0.161 486	9.915 550	5	415	
586	9.754 075	11	9.838 530	16	0.161 470	9.915 545	5	414	
587	9.754 086	11	9.838 546	16	0.161 454	9.915 540	5	413	
588	9.754 097	11	9.838 562	16	0.161 438	9.915 535	5	412	
589	9.754 108	11	9.838 579	17	0.161 421	9.915 529	6	411	
.590	9.754 119	11	9.838 595	16	0.161 405	9.915 524	5	.410	
591	9.754 130	11	9.838 611	16	0.161 389	9.915 519	5	409	
592	9.754 141	11	9.838 627	16	0.161 373	9.915 514	5	408	
593	9.754 152	11	9.838 644	17	0.161 356	9.915 508	6	407	
594	9.754 163	11	9.838 660	16	0.161 340	9.915 503	5	406	
595	9.754 174	11	9.838 676	16	0.161 324	9.915 498	5	405	
596	9.754 185	11	9.838 692	16	0.161 308	9.915 493	5	404	
597	9.754 196	11	9.838 708	16	0.161 292	9.915 487	6	403	
598	9.754 207	11	9.838 725	17	0.161 275	9.915 482	5	402	
599	9.754 218	11	9.838 741	16	0.161 259	9.915 477	5	401	
.600	9.754 229	11	9.838 757	16	0.161 243	9.915 472	5	.400	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11
1	1.1
2	2.2
3	3.3
4	4.4
5	5.5
6	6.6
7	7.7
8	8.8
9	9.9

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

55°.450 — 55°.400

34°.600 — 34°.650

34°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.754 229		9.838 757		0.161 243	9.915 472		.400	
601	9.754 240	11	9.838 773	16	0.161 227	9.915 467	5	399	
602	9.754 251	11	9.838 789	16	0.161 211	9.915 461	6	398	
603	9.754 262	11	9.838 806	17	0.161 194	9.915 456	5	397	
		11		16			5		
604	9.754 273	11	9.838 822	16	0.161 178	9.915 451	5	396	
605	9.754 284	11	9.838 838	16	0.161 162	9.915 446	5	395	
606	9.754 295	11	9.838 854	16	0.161 146	9.915 440	6	394	
		11		17			5		
607	9.754 306	11	9.838 871	16	0.161 129	9.915 435	5	393	
608	9.754 317	11	9.838 887	16	0.161 113	9.915 430	5	392	
609	9.754 328	11	9.838 903	16	0.161 097	9.915 425	5	391	
		11		16			6		
.610	9.754 339		9.838 919		0.161 081	9.915 419		.390	
		11		16			5		
611	9.754 350	11	9.838 935	17	0.161 065	9.915 414	5	389	
612	9.754 361	11	9.838 952	16	0.161 048	9.915 409	5	388	
613	9.754 372	11	9.838 968	16	0.161 032	9.915 404	5	387	
		11		16			5		
614	9.754 383	11	9.838 984	16	0.161 016	9.915 399	5	386	
615	9.754 394	11	9.839 000	16	0.161 000	9.915 393	6	385	
616	9.754 405	11	9.839 016	16	0.160 984	9.915 388	5	384	
		11		17			5		
617	9.754 416	11	9.839 033	16	0.160 967	9.915 383	5	383	
618	9.754 427	11	9.839 049	16	0.160 951	9.915 378	5	382	
619	9.754 438	11	9.839 065	16	0.160 935	9.915 372	6	381	
		11		16			5		
.620	9.754 449		9.839 081		0.160 919	9.915 367		.380	
		10		17			5		
621	9.754 459	11	9.839 098	16	0.160 902	9.915 362	5	379	
622	9.754 470	11	9.839 114	16	0.160 886	9.915 357	5	378	
623	9.754 481	11	9.839 130	16	0.160 870	9.915 351	6	377	
		11		16			5		
624	9.754 492	11	9.839 146	16	0.160 854	9.915 346	5	376	
625	9.754 503	11	9.839 162	16	0.160 838	9.915 341	5	375	
626	9.754 514	11	9.839 179	17	0.160 821	9.915 336	5	374	
		11		16			5		
627	9.754 525	11	9.839 195	16	0.160 805	9.915 331	5	373	
628	9.754 536	11	9.839 211	16	0.160 789	9.915 325	6	372	
629	9.754 547	11	9.839 227	16	0.160 773	9.915 320	5	371	
		11		16			5		
.630	9.754 558		9.839 243		0.160 757	9.915 315		.370	
		11		17			5		
631	9.754 569	11	9.839 260	16	0.160 740	9.915 310	5	369	
632	9.754 580	11	9.839 276	16	0.160 724	9.915 304	6	368	
633	9.754 591	11	9.839 292	16	0.160 708	9.915 299	5	367	
		11		16			5		
634	9.754 602	11	9.839 308	17	0.160 692	9.915 294	5	366	
635	9.754 613	11	9.839 325	16	0.160 675	9.915 289	5	365	
636	9.754 624	11	9.839 341	16	0.160 659	9.915 283	6	364	
		11		16			5		
637	9.754 635	11	9.839 357	16	0.160 643	9.915 278	5	363	
638	9.754 646	11	9.839 373	16	0.160 627	9.915 273	5	362	
639	9.754 657	11	9.839 389	16	0.160 611	9.915 268	5	361	
		11		17			6		
.640	9.754 668		9.839 406		0.160 594	9.915 262		.360	
		11		16			5		
641	9.754 679	11	9.839 422	16	0.160 578	9.915 257	5	359	
642	9.754 690	11	9.839 438	16	0.160 562	9.915 252	5	358	
643	9.754 701	11	9.839 454	16	0.160 546	9.915 247	5	357	
		11		16			5		
644	9.754 712	11	9.839 470	16	0.160 530	9.915 242	5	356	
645	9.754 723	11	9.839 487	17	0.160 513	9.915 236	6	355	
646	9.754 734	11	9.839 503	16	0.160 497	9.915 231	5	354	
		11		16			5		
647	9.754 745	11	9.839 519	16	0.160 481	9.915 226	5	353	
648	9.754 756	11	9.839 535	16	0.160 465	9.915 221	5	352	
649	9.754 767	11	9.839 551	16	0.160 449	9.915 215	6	351	
		11		17			5		
.650	9.754 778		9.839 568		0.160 432	9.915 210		.350	
		11		16			5		
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.400 — 55°.350

34°.650 — 34°.700

34°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.754 778		9.839 568		0.160 432	9.915 210		.350	
651	9.754 789	11	9.839 584	16	0.160 416	9.915 205	5	349	
652	9.754 800	11	9.839 600	16	0.160 400	9.915 200	5	348	
653	9.754 811	11	9.839 616	16	0.160 384	9.915 194	6	347	
654	9.754 822	11	9.839 632	16	0.160 368	9.915 189	5	346	
655	9.754 833	11	9.839 649	17	0.160 351	9.915 184	5	345	
656	9.754 844	11	9.839 665	16	0.160 335	9.915 179	5	344	
657	9.754 854	10	9.839 681	16	0.160 319	9.915 173	6	343	
658	9.754 865	11	9.839 697	16	0.160 303	9.915 168	5	342	
659	9.754 876	11	9.839 713	16	0.160 287	9.915 163	5	341	
.660	9.754 887	11	9.839 730	17	0.160 270	9.915 158	5	.340	
661	9.754 898	11	9.839 746	16	0.160 254	9.915 152	6	339	
662	9.754 909	11	9.839 762	16	0.160 238	9.915 147	5	338	
663	9.754 920	11	9.839 778	16	0.160 222	9.915 142	5	337	
664	9.754 931	11	9.839 794	16	0.160 206	9.915 137	5	336	
665	9.754 942	11	9.839 811	17	0.160 189	9.915 131	6	335	
666	9.754 953	11	9.839 827	16	0.160 173	9.915 126	5	334	
667	9.754 964	11	9.839 843	16	0.160 157	9.915 121	5	333	
668	9.754 975	11	9.839 859	16	0.160 141	9.915 116	5	332	
669	9.754 986	11	9.839 875	16	0.160 125	9.915 111	5	331	
.670	9.754 997	11	9.839 892	17	0.160 108	9.915 105	6	.330	
671	9.755 008	11	9.839 908	16	0.160 092	9.915 100	5	329	
672	9.755 019	11	9.839 924	16	0.160 076	9.915 095	5	328	
673	9.755 030	11	9.839 940	16	0.160 060	9.915 090	5	327	
674	9.755 041	11	9.839 957	17	0.160 043	9.915 084	6	326	
675	9.755 052	11	9.839 973	16	0.160 027	9.915 079	5	325	
676	9.755 063	11	9.839 989	16	0.160 011	9.915 074	5	324	
677	9.755 074	11	9.840 005	16	0.159 995	9.915 069	5	323	
678	9.755 085	11	9.840 021	16	0.159 979	9.915 063	6	322	
679	9.755 096	11	9.840 038	17	0.159 962	9.915 058	5	321	
.680	9.755 107	11	9.840 054	16	0.159 946	9.915 053	5	.320	
681	9.755 118	11	9.840 070	16	0.159 930	9.915 048	5	319	
682	9.755 128	10	9.840 086	16	0.159 914	9.915 042	6	318	
683	9.755 139	11	9.840 102	16	0.159 898	9.915 037	5	317	
684	9.755 150	11	9.840 118	16	0.159 882	9.915 032	5	316	
685	9.755 161	11	9.840 135	17	0.159 865	9.915 027	5	315	
686	9.755 172	11	9.840 151	16	0.159 849	9.915 021	6	314	
687	9.755 183	11	9.840 167	16	0.159 833	9.915 016	5	313	
688	9.755 194	11	9.840 183	16	0.159 817	9.915 011	5	312	
689	9.755 205	11	9.840 199	16	0.159 801	9.915 006	5	311	
.690	9.755 216	11	9.840 216	17	0.159 784	9.915 000	6	.310	
691	9.755 227	11	9.840 232	16	0.159 768	9.914 995	5	309	
692	9.755 238	11	9.840 248	16	0.159 752	9.914 990	5	308	
693	9.755 249	11	9.840 264	16	0.159 736	9.914 985	5	307	
694	9.755 260	11	9.840 280	16	0.159 720	9.914 979	6	306	
695	9.755 271	11	9.840 297	17	0.159 703	9.914 974	5	305	
696	9.755 282	11	9.840 313	16	0.159 687	9.914 969	5	304	
697	9.755 293	11	9.840 329	16	0.159 671	9.914 964	5	303	
698	9.755 304	11	9.840 345	16	0.159 655	9.914 958	6	302	
699	9.755 315	11	9.840 361	16	0.159 639	9.914 953	5	301	
.700	9.755 326	11	9.840 378	17	0.159 622	9.914 948	5	.300	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.350 — 55°.300

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.700 — 34°.750

34°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.755 326		9.840 378		0.159 622	9.914 948		.300	
701	9.755 337	11	9.840 394	16	0.159 606	9.914 943	5	299	
702	9.755 347	10	9.840 410	16	0.159 590	9.914 937	6	298	
703	9.755 358	11	9.840 426	16	0.159 574	9.914 932	5	297	
704	9.755 369	11	9.840 442	16	0.159 558	9.914 927	5	296	
705	9.755 380	11	9.840 459	17	0.159 541	9.914 922	5	295	
706	9.755 391	11	9.840 475	16	0.159 525	9.914 916	6	294	
707	9.755 402	11	9.840 491	16	0.159 509	9.914 911	5	293	
708	9.755 413	11	9.840 507	16	0.159 493	9.914 906	5	292	
709	9.755 424	11	9.840 523	16	0.159 477	9.914 901	5	291	
.710	9.755 435	11	9.840 540	17	0.159 460	9.914 895	6	.290	
711	9.755 446	11	9.840 556	16	0.159 444	9.914 890	5	289	
712	9.755 457	11	9.840 572	16	0.159 428	9.914 885	5	288	
713	9.755 468	11	9.840 588	16	0.159 412	9.914 880	5	287	
714	9.755 479	11	9.840 604	16	0.159 396	9.914 874	6	286	
715	9.755 490	11	9.840 621	17	0.159 379	9.914 869	5	285	
716	9.755 501	11	9.840 637	16	0.159 363	9.914 864	5	284	
717	9.755 512	11	9.840 653	16	0.159 347	9.914 859	5	283	
718	9.755 523	11	9.840 669	16	0.159 331	9.914 853	6	282	
719	9.755 533	10	9.840 685	16	0.159 315	9.914 848	5	281	
.720	9.755 544	11	9.840 702	17	0.159 298	9.914 843	5	.280	
721	9.755 555	11	9.840 718	16	0.159 282	9.914 838	5	279	
722	9.755 566	11	9.840 734	16	0.159 266	9.914 832	6	278	
723	9.755 577	11	9.840 750	16	0.159 250	9.914 827	5	277	
724	9.755 588	11	9.840 766	16	0.159 234	9.914 822	5	276	
725	9.755 599	11	9.840 782	16	0.159 218	9.914 817	5	275	
726	9.755 610	11	9.840 799	17	0.159 201	9.914 811	6	274	
727	9.755 621	11	9.840 815	16	0.159 185	9.914 806	5	273	
728	9.755 632	11	9.840 831	16	0.159 169	9.914 801	5	272	
729	9.755 643	11	9.840 847	16	0.159 153	9.914 796	5	271	
.730	9.755 654	11	9.840 863	16	0.159 137	9.914 790	6	.270	
731	9.755 665	11	9.840 880	17	0.159 120	9.914 785	5	269	
732	9.755 676	11	9.840 896	16	0.159 104	9.914 780	5	268	
733	9.755 687	11	9.840 912	16	0.159 088	9.914 775	5	267	
734	9.755 698	11	9.840 928	16	0.159 072	9.914 769	6	266	
735	9.755 708	10	9.840 944	16	0.159 056	9.914 764	5	265	
736	9.755 719	11	9.840 961	17	0.159 039	9.914 759	5	264	
737	9.755 730	11	9.840 977	16	0.159 023	9.914 754	5	263	
738	9.755 741	11	9.840 993	16	0.159 007	9.914 748	6	262	
739	9.755 752	11	9.841 009	16	0.158 991	9.914 743	5	261	
.740	9.755 763	11	9.841 025	16	0.158 975	9.914 738	5	.260	
741	9.755 774	11	9.841 041	16	0.158 959	9.914 733	5	259	
742	9.755 785	11	9.841 058	17	0.158 942	9.914 727	6	258	
743	9.755 796	11	9.841 074	16	0.158 926	9.914 722	5	257	
744	9.755 807	11	9.841 090	16	0.158 910	9.914 717	5	256	
745	9.755 818	11	9.841 106	16	0.158 894	9.914 712	5	255	
746	9.755 829	11	9.841 122	16	0.158 878	9.914 706	6	254	
747	9.755 840	11	9.841 139	17	0.158 861	9.914 701	5	253	
748	9.755 851	11	9.841 155	16	0.158 845	9.914 696	5	252	
749	9.755 861	10	9.841 171	16	0.158 829	9.914 690	6	251	
.750	9.755 872	11	9.841 187	16	0.158 813	9.914 685	5	.250	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.300 — 55°.250

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.750 — 34°.800

34°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.755 872		9.841 187		0.158 813	9.914 685		.250	
751	9.755 883	11	9.841 203	16	0.158 797	9.914 680	5	249	
752	9.755 894	11	9.841 220	17	0.158 780	9.914 675	5	248	
753	9.755 905	11	9.841 236	16	0.158 764	9.914 669	6	247	
754	9.755 916	11	9.841 252	16	0.158 748	9.914 664	5	246	
755	9.755 927	11	9.841 268	16	0.158 732	9.914 659	5	245	
756	9.755 938	11	9.841 284	16	0.158 716	9.914 654	5	244	
757	9.755 949	11	9.841 300	16	0.158 700	9.914 648	6	243	
758	9.755 960	11	9.841 317	17	0.158 683	9.914 643	5	242	
759	9.755 971	11	9.841 333	16	0.158 667	9.914 638	5	241	
.760	9.755 982	11	9.841 349	16	0.158 651	9.914 633	5	.240	
761	9.755 993	11	9.841 365	16	0.158 635	9.914 627	6	239	
762	9.756 003	10	9.841 381	16	0.158 619	9.914 622	5	238	
763	9.756 014	11	9.841 398	17	0.158 602	9.914 617	5	237	
764	9.756 025	11	9.841 414	16	0.158 586	9.914 612	5	236	
765	9.756 036	11	9.841 430	16	0.158 570	9.914 606	6	235	
766	9.756 047	11	9.841 446	16	0.158 554	9.914 601	5	234	
767	9.756 058	11	9.841 462	16	0.158 538	9.914 596	5	233	
768	9.756 069	11	9.841 478	16	0.158 522	9.914 591	5	232	
769	9.756 080	11	9.841 495	17	0.158 505	9.914 585	6	231	
.770	9.756 091	11	9.841 511	16	0.158 489	9.914 580	5	.230	
771	9.756 102	11	9.841 527	16	0.158 473	9.914 575	5	229	
772	9.756 113	11	9.841 543	16	0.158 457	9.914 570	5	228	
773	9.756 124	11	9.841 559	16	0.158 441	9.914 564	6	227	
774	9.756 135	11	9.841 576	17	0.158 424	9.914 559	5	226	
775	9.756 145	10	9.841 592	16	0.158 408	9.914 554	5	225	
776	9.756 156	11	9.841 608	16	0.158 392	9.914 548	6	224	
777	9.756 167	11	9.841 624	16	0.158 376	9.914 543	5	223	
778	9.756 178	11	9.841 640	16	0.158 360	9.914 538	5	222	
779	9.756 189	11	9.841 656	16	0.158 344	9.914 533	5	221	
.780	9.756 200	11	9.841 673	17	0.158 327	9.914 527	6	.220	
781	9.756 211	11	9.841 689	16	0.158 311	9.914 522	5	219	
782	9.756 222	11	9.841 705	16	0.158 295	9.914 517	5	218	
783	9.756 233	11	9.841 721	16	0.158 279	9.914 512	5	217	
784	9.756 244	11	9.841 737	16	0.158 263	9.914 506	6	216	
785	9.756 255	11	9.841 753	16	0.158 247	9.914 501	5	215	
786	9.756 265	10	9.841 770	17	0.158 230	9.914 496	5	214	
787	9.756 276	11	9.841 786	16	0.158 214	9.914 491	5	213	
788	9.756 287	11	9.841 802	16	0.158 198	9.914 485	6	212	
789	9.756 298	11	9.841 818	16	0.158 182	9.914 480	5	211	
.790	9.756 309	11	9.841 834	16	0.158 166	9.914 475	5	.210	
791	9.756 320	11	9.841 851	17	0.158 149	9.914 469	6	209	
792	9.756 331	11	9.841 867	16	0.158 133	9.914 464	5	208	
793	9.756 342	11	9.841 883	16	0.158 117	9.914 459	5	207	
794	9.756 353	11	9.841 899	16	0.158 101	9.914 454	5	206	
795	9.756 364	11	9.841 915	16	0.158 085	9.914 448	6	205	
796	9.756 375	11	9.841 931	16	0.158 069	9.914 443	5	204	
797	9.756 385	10	9.841 948	17	0.158 052	9.914 438	5	203	
798	9.756 396	11	9.841 964	16	0.158 036	9.914 433	5	202	
799	9.756 407	11	9.841 980	16	0.158 020	9.914 427	6	201	
.800	9.756 418	11	9.841 996	16	0.158 004	9.914 422	5	.200	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.250 — 55°.200

34°.800 — 34°.850

34°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.756 418		9.841 996		0.158 004	9.914 422		.200	
801	9.756 429	11	9.842 012	16	0.157 988	9.914 417	5	199	
802	9.756 440	11	9.842 028	16	0.157 972	9.914 412	5	198	
803	9.756 451	11	9.842 045	17	0.157 955	9.914 406	6	197	
804	9.756 462	11	9.842 061	16	0.157 939	9.914 401	5	196	
805	9.756 473	11	9.842 077	16	0.157 923	9.914 396	5	195	
806	9.756 484	11	9.842 093	16	0.157 907	9.914 390	6	194	
807	9.756 495	11	9.842 109	16	0.157 891	9.914 385	5	193	
808	9.756 505	10	9.842 126	17	0.157 874	9.914 380	5	192	
809	9.756 516	11	9.842 142	16	0.157 858	9.914 375	5	191	
.810	9.756 527	11	9.842 158	16	0.157 842	9.914 369	6	.190	
811	9.756 538	11	9.842 174	16	0.157 826	9.914 364	5	189	
812	9.756 549	11	9.842 190	16	0.157 810	9.914 359	5	188	
813	9.756 560	11	9.842 206	16	0.157 794	9.914 354	5	187	
814	9.756 571	11	9.842 223	17	0.157 777	9.914 348	6	186	
815	9.756 582	11	9.842 239	16	0.157 761	9.914 343	5	185	
816	9.756 593	11	9.842 255	16	0.157 745	9.914 338	5	184	
817	9.756 604	11	9.842 271	16	0.157 729	9.914 332	6	183	
818	9.756 614	10	9.842 287	16	0.157 713	9.914 327	5	182	
819	9.756 625	11	9.842 303	16	0.157 697	9.914 322	5	181	
.820	9.756 636	11	9.842 320	17	0.157 680	9.914 317	5	.180	
821	9.756 647	11	9.842 336	16	0.157 664	9.914 311	6	179	
822	9.756 658	11	9.842 352	16	0.157 648	9.914 306	5	178	
823	9.756 669	11	9.842 368	16	0.157 632	9.914 301	5	177	
824	9.756 680	11	9.842 384	16	0.157 616	9.914 296	5	176	
825	9.756 691	11	9.842 400	16	0.157 600	9.914 290	6	175	
826	9.756 702	11	9.842 417	17	0.157 583	9.914 285	5	174	
827	9.756 713	11	9.842 433	16	0.157 567	9.914 280	5	173	
828	9.756 723	10	9.842 449	16	0.157 551	9.914 274	6	172	
829	9.756 734	11	9.842 465	16	0.157 535	9.914 269	5	171	
.830	9.756 745	11	9.842 481	16	0.157 519	9.914 264	5	.170	
831	9.756 756	11	9.842 497	16	0.157 503	9.914 259	5	169	
832	9.756 767	11	9.842 514	17	0.157 486	9.914 253	6	168	
833	9.756 778	11	9.842 530	16	0.157 470	9.914 248	5	167	
834	9.756 789	11	9.842 546	16	0.157 454	9.914 243	5	166	
835	9.756 800	11	9.842 562	16	0.157 438	9.914 238	5	165	
836	9.756 811	11	9.842 578	16	0.157 422	9.914 232	6	164	
837	9.756 821	10	9.842 594	16	0.157 406	9.914 227	5	163	
838	9.756 832	11	9.842 611	17	0.157 389	9.914 222	5	162	
839	9.756 843	11	9.842 627	16	0.157 373	9.914 216	6	161	
.840	9.756 854	11	9.842 643	16	0.157 357	9.914 211	5	.160	
841	9.756 865	11	9.842 659	16	0.157 341	9.914 206	5	159	
842	9.756 876	11	9.842 675	16	0.157 325	9.914 201	5	158	
843	9.756 887	11	9.842 691	16	0.157 309	9.914 195	6	157	
844	9.756 898	11	9.842 708	17	0.157 292	9.914 190	5	156	
845	9.756 909	11	9.842 724	16	0.157 276	9.914 185	5	155	
846	9.756 919	10	9.842 740	16	0.157 260	9.914 180	5	154	
847	9.756 930	11	9.842 756	16	0.157 244	9.914 174	6	153	
848	9.756 941	11	9.842 772	16	0.157 228	9.914 169	5	152	
849	9.756 952	11	9.842 788	16	0.157 212	9.914 164	5	151	
.850	9.756 963	11	9.842 805	17	0.157 195	9.914 158	6	.150	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.200 — 55°.150

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.850 — 34°.900

34°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.756 963		9.842 805		0.157 195	9.914 158		.150	
851	9.756 974	11	9.842 821	16	0.157 179	9.914 153	5	149	
852	9.756 985	11	9.842 837	16	0.157 163	9.914 148	5	148	
853	9.756 996	11	9.842 853	16	0.157 147	9.914 143	5	147	
854	9.757 007	11	9.842 869	16	0.157 131	9.914 137	6	146	
855	9.757 017	10	9.842 885	16	0.157 115	9.914 132	5	145	
856	9.757 028	11	9.842 902	17	0.157 098	9.914 127	5	144	
857	9.757 039	11	9.842 918	16	0.157 082	9.914 121	6	143	
858	9.757 050	11	9.842 934	16	0.157 066	9.914 116	5	142	
859	9.757 061	11	9.842 950	16	0.157 050	9.914 111	5	141	
.860	9.757 072	11	9.842 966	16	0.157 034	9.914 106	5	.140	
861	9.757 083	11	9.842 982	16	0.157 018	9.914 100	6	139	
862	9.757 094	11	9.842 999	17	0.157 001	9.914 095	5	138	
863	9.757 104	10	9.843 015	16	0.156 985	9.914 090	5	137	
864	9.757 115	11	9.843 031	16	0.156 969	9.914 085	5	136	
865	9.757 126	11	9.843 047	16	0.156 953	9.914 079	6	135	
866	9.757 137	11	9.843 063	16	0.156 937	9.914 074	5	134	
867	9.757 148	11	9.843 079	16	0.156 921	9.914 069	5	133	
868	9.757 159	11	9.843 095	16	0.156 905	9.914 063	6	132	
869	9.757 170	11	9.843 112	17	0.156 888	9.914 058	5	131	
.870	9.757 181	11	9.843 128	16	0.156 872	9.914 053	5	.130	
871	9.757 192	11	9.843 144	16	0.156 856	9.914 048	5	129	
872	9.757 202	10	9.843 160	16	0.156 840	9.914 042	6	128	
873	9.757 213	11	9.843 176	16	0.156 824	9.914 037	5	127	
874	9.757 224	11	9.843 192	16	0.156 808	9.914 032	5	126	
875	9.757 235	11	9.843 209	17	0.156 791	9.914 026	6	125	
876	9.757 246	11	9.843 225	16	0.156 775	9.914 021	5	124	
877	9.757 257	11	9.843 241	16	0.156 759	9.914 016	5	123	
878	9.757 268	11	9.843 257	16	0.156 743	9.914 011	5	122	
879	9.757 279	11	9.843 273	16	0.156 727	9.914 005	6	121	
.880	9.757 289	10	9.843 289	16	0.156 711	9.914 000	5	.120	
881	9.757 300	11	9.843 306	17	0.156 694	9.913 995	5	119	
882	9.757 311	11	9.843 322	16	0.156 678	9.913 989	6	118	
883	9.757 322	11	9.843 338	16	0.156 662	9.913 984	5	117	
884	9.757 333	11	9.843 354	16	0.156 646	9.913 979	5	116	
885	9.757 344	11	9.843 370	16	0.156 630	9.913 974	5	115	
886	9.757 355	11	9.843 386	16	0.156 614	9.913 968	6	114	
887	9.757 365	10	9.843 402	16	0.156 598	9.913 963	5	113	
888	9.757 376	11	9.843 419	17	0.156 581	9.913 958	5	112	
889	9.757 387	11	9.843 435	16	0.156 565	9.913 952	6	111	
.890	9.757 398	11	9.843 451	16	0.156 549	9.913 947	5	.110	
891	9.757 409	11	9.843 467	16	0.156 533	9.913 942	5	109	
892	9.757 420	11	9.843 483	16	0.156 517	9.913 937	5	108	
893	9.757 431	11	9.843 499	16	0.156 501	9.913 931	6	107	
894	9.757 442	11	9.843 516	17	0.156 484	9.913 926	5	106	
895	9.757 452	10	9.843 532	16	0.156 468	9.913 921	5	105	
896	9.757 463	11	9.843 548	16	0.156 452	9.913 915	6	104	
897	9.757 474	11	9.843 564	16	0.156 436	9.913 910	5	103	
898	9.757 485	11	9.843 580	16	0.156 420	9.913 905	5	102	
899	9.757 496	11	9.843 596	16	0.156 404	9.913 900	5	101	
.900	9.757 507	11	9.843 612	16	0.156 388	9.913 894	6	.100	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.900 — 34°.950

34°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.757 507		9.843 612		0.156 388	9.913 894		.100	
901	9.757 518	11	9.843 629	17	0.156 371	9.913 889	5	099	
902	9.757 529	11	9.843 645	16	0.156 355	9.913 884	5	098	
903	9.757 539	10	9.843 661	16	0.156 339	9.913 878	6	097	
904	9.757 550	11	9.843 677	16	0.156 323	9.913 873	5	096	
905	9.757 561	11	9.843 693	16	0.156 307	9.913 868	5	095	
906	9.757 572	11	9.843 709	16	0.156 291	9.913 863	5	094	
907	9.757 583	11	9.843 726	17	0.156 274	9.913 857	6	093	
908	9.757 594	11	9.843 742	16	0.156 258	9.913 852	5	092	
909	9.757 605	11	9.843 758	16	0.156 242	9.913 847	5	091	
.910	9.757 615	10	9.843 774	16	0.156 226	9.913 841	6	.090	
911	9.757 626	11	9.843 790	16	0.156 210	9.913 836	5	089	
912	9.757 637	11	9.843 806	16	0.156 194	9.913 831	5	088	
913	9.757 648	11	9.843 822	16	0.156 178	9.913 826	5	087	
914	9.757 659	11	9.843 839	17	0.156 161	9.913 820	6	086	
915	9.757 670	11	9.843 855	16	0.156 145	9.913 815	5	085	
916	9.757 681	11	9.843 871	16	0.156 129	9.913 810	5	084	
917	9.757 691	10	9.843 887	16	0.156 113	9.913 804	6	083	
918	9.757 702	11	9.843 903	16	0.156 097	9.913 799	5	082	
919	9.757 713	11	9.843 919	16	0.156 081	9.913 794	5	081	
.920	9.757 724	11	9.843 936	17	0.156 064	9.913 788	6	.080	
921	9.757 735	11	9.843 952	16	0.156 048	9.913 783	5	079	
922	9.757 746	11	9.843 968	16	0.156 032	9.913 778	5	078	
923	9.757 757	11	9.843 984	16	0.156 016	9.913 773	5	077	
924	9.757 767	10	9.844 000	16	0.156 000	9.913 767	6	076	
925	9.757 778	11	9.844 016	16	0.155 984	9.913 762	5	075	
926	9.757 789	11	9.844 032	16	0.155 968	9.913 757	5	074	
927	9.757 800	11	9.844 049	17	0.155 951	9.913 751	6	073	
928	9.757 811	11	9.844 065	16	0.155 935	9.913 746	5	072	
929	9.757 822	11	9.844 081	16	0.155 919	9.913 741	5	071	
.930	9.757 833	11	9.844 097	16	0.155 903	9.913 736	5	.070	
931	9.757 843	10	9.844 113	16	0.155 887	9.913 730	6	069	
932	9.757 854	11	9.844 129	16	0.155 871	9.913 725	5	068	
933	9.757 865	11	9.844 145	16	0.155 855	9.913 720	5	067	
934	9.757 876	11	9.844 162	17	0.155 838	9.913 714	6	066	
935	9.757 887	11	9.844 178	16	0.155 822	9.913 709	5	065	
936	9.757 898	11	9.844 194	16	0.155 806	9.913 704	5	064	
937	9.757 909	11	9.844 210	16	0.155 790	9.913 698	6	063	
938	9.757 919	10	9.844 226	16	0.155 774	9.913 693	5	062	
939	9.757 930	11	9.844 242	16	0.155 758	9.913 688	5	061	
.940	9.757 941	11	9.844 258	16	0.155 742	9.913 683	5	.060	
941	9.757 952	11	9.844 275	17	0.155 725	9.913 677	6	059	
942	9.757 963	11	9.844 291	16	0.155 709	9.913 672	5	058	
943	9.757 974	11	9.844 307	16	0.155 693	9.913 667	5	057	
944	9.757 984	10	9.844 323	16	0.155 677	9.913 661	6	056	
945	9.757 995	11	9.844 339	16	0.155 661	9.913 656	5	055	
946	9.758 006	11	9.844 355	16	0.155 645	9.913 651	5	054	
947	9.758 017	11	9.844 371	16	0.155 629	9.913 646	5	053	
948	9.758 028	11	9.844 388	17	0.155 612	9.913 640	6	052	
949	9.758 039	11	9.844 404	16	0.155 596	9.913 635	5	051	
.950	9.758 050	11	9.844 420	16	0.155 580	9.913 630	5	.050	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

55°.100 — 55°.050

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

34°.950 — 35°.000

34°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.758 050		9.844 420		0.155 580	9.913 630		.050	
951	9.758 060	10	9.844 436	16	0.155 564	9.913 624	6	049	
952	9.758 071	11	9.844 452	16	0.155 548	9.913 619	5	048	
953	9.758 082	11	9.844 468	16	0.155 532	9.913 614	5	047	
954	9.758 093	11	9.844 484	16	0.155 516	9.913 608	6	046	
955	9.758 104	11	9.844 501	17	0.155 499	9.913 603	5	045	
956	9.758 115	11	9.844 517	16	0.155 483	9.913 598	5	044	
957	9.758 125	10	9.844 533	16	0.155 467	9.913 593	5	043	
958	9.758 136	11	9.844 549	16	0.155 451	9.913 587	6	042	
959	9.758 147	11	9.844 565	16	0.155 435	9.913 582	5	041	
.960	9.758 158	11	9.844 581	16	0.155 419	9.913 577	5	.040	
961	9.758 169	11	9.844 597	16	0.155 403	9.913 571	6	039	
962	9.758 180	11	9.844 614	17	0.155 386	9.913 566	5	038	
963	9.758 190	10	9.844 630	16	0.155 370	9.913 561	5	037	
964	9.758 201	11	9.844 646	16	0.155 354	9.913 555	6	036	
965	9.758 212	11	9.844 662	16	0.155 338	9.913 550	5	035	
966	9.758 223	11	9.844 678	16	0.155 322	9.913 545	5	034	
967	9.758 234	11	9.844 694	16	0.155 306	9.913 540	5	033	
968	9.758 245	11	9.844 710	16	0.155 290	9.913 534	6	032	
969	9.758 256	11	9.844 727	17	0.155 273	9.913 529	5	031	
.970	9.758 266	10	9.844 743	16	0.155 257	9.913 524	5	.030	
971	9.758 277	11	9.844 759	16	0.155 241	9.913 518	6	029	
972	9.758 288	11	9.844 775	16	0.155 225	9.913 513	5	028	
973	9.758 299	11	9.844 791	16	0.155 209	9.913 508	5	027	
974	9.758 310	11	9.844 807	16	0.155 193	9.913 502	6	026	
975	9.758 321	11	9.844 823	16	0.155 177	9.913 497	5	025	
976	9.758 331	10	9.844 840	17	0.155 160	9.913 492	5	024	
977	9.758 342	11	9.844 856	16	0.155 144	9.913 487	5	023	
978	9.758 353	11	9.844 872	16	0.155 128	9.913 481	6	022	
979	9.758 364	11	9.844 888	16	0.155 112	9.913 476	5	021	
.980	9.758 375	11	9.844 904	16	0.155 096	9.913 471	5	.020	
981	9.758 386	11	9.844 920	16	0.155 080	9.913 465	6	019	
982	9.758 396	10	9.844 936	16	0.155 064	9.913 460	5	018	
983	9.758 407	11	9.844 952	16	0.155 048	9.913 455	5	017	
984	9.758 418	11	9.844 969	17	0.155 031	9.913 449	6	016	
985	9.758 429	11	9.844 985	16	0.155 015	9.913 444	5	015	
986	9.758 440	11	9.845 001	16	0.154 999	9.913 439	5	014	
987	9.758 451	11	9.845 017	16	0.154 983	9.913 434	5	013	
988	9.758 461	10	9.845 033	16	0.154 967	9.913 428	6	012	
989	9.758 472	11	9.845 049	16	0.154 951	9.913 423	5	011	
.990	9.758 483	11	9.845 065	16	0.154 935	9.913 418	5	.010	
991	9.758 494	11	9.845 082	17	0.154 918	9.913 412	6	009	
992	9.758 505	11	9.845 098	16	0.154 902	9.913 407	5	008	
993	9.758 516	11	9.845 114	16	0.154 886	9.913 402	5	007	
994	9.758 526	10	9.845 130	16	0.154 870	9.913 396	6	006	
995	9.758 537	11	9.845 146	16	0.154 854	9.913 391	5	005	
996	9.758 548	11	9.845 162	16	0.154 838	9.913 386	5	004	
997	9.758 559	11	9.845 178	16	0.154 822	9.913 380	6	003	
998	9.758 570	11	9.845 195	17	0.154 805	9.913 375	5	002	
999	9.758 580	10	9.845 211	16	0.154 789	9.913 370	5	001	
*.000	9.758 591	11	9.845 227	16	0.154 773	9.913 365	5	.000	
	cos	d	cotg	d	tang	sin	d	55°	P.P.

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.000 — 35°.050

35°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.758 591		9.845 227		0.154 773	9.913 365		*.000	
001	9.758 602	11	9.845 243	16	0.154 757	9.913 359	6	999	
002	9.758 613	11	9.845 259	16	0.154 741	9.913 354	5	998	
003	9.758 624	11	9.845 275	16	0.154 725	9.913 349	5	997	
004	9.758 635	11	9.845 291	16	0.154 709	9.913 343	6	996	
005	9.758 645	10	9.845 307	16	0.154 693	9.913 338	5	995	
006	9.758 656	11	9.845 324	17	0.154 676	9.913 333	5	994	
007	9.758 667	11	9.845 340	16	0.154 660	9.913 327	6	993	
008	9.758 678	11	9.845 356	16	0.154 644	9.913 322	5	992	
009	9.758 689	11	9.845 372	16	0.154 628	9.913 317	5	991	
.010	9.758 700	11	9.845 388	16	0.154 612	9.913 311	6	.990	
011	9.758 710	10	9.845 404	16	0.154 596	9.913 306	5	989	
012	9.758 721	11	9.845 420	16	0.154 580	9.913 301	5	988	
013	9.758 732	11	9.845 436	16	0.154 564	9.913 296	5	987	
014	9.758 743	11	9.845 453	17	0.154 547	9.913 290	6	986	
015	9.758 754	11	9.845 469	16	0.154 531	9.913 285	5	985	
016	9.758 764	10	9.845 485	16	0.154 515	9.913 280	5	984	
017	9.758 775	11	9.845 501	16	0.154 499	9.913 274	6	983	
018	9.758 786	11	9.845 517	16	0.154 483	9.913 269	5	982	
019	9.758 797	11	9.845 533	16	0.154 467	9.913 264	5	981	
.020	9.758 808	11	9.845 549	16	0.154 451	9.913 258	6	.980	
021	9.758 819	11	9.845 566	17	0.154 434	9.913 253	5	979	
022	9.758 829	10	9.845 582	16	0.154 418	9.913 248	5	978	
023	9.758 840	11	9.845 598	16	0.154 402	9.913 242	6	977	
024	9.758 851	11	9.845 614	16	0.154 386	9.913 237	5	976	
025	9.758 862	11	9.845 630	16	0.154 370	9.913 232	5	975	
026	9.758 873	11	9.845 646	16	0.154 354	9.913 226	6	974	
027	9.758 883	10	9.845 662	16	0.154 338	9.913 221	5	973	
028	9.758 894	11	9.845 678	16	0.154 322	9.913 216	5	972	
029	9.758 905	11	9.845 695	17	0.154 305	9.913 211	5	971	
.030	9.758 916	11	9.845 711	16	0.154 289	9.913 205	6	.970	
031	9.758 927	11	9.845 727	16	0.154 273	9.913 200	5	969	
032	9.758 938	11	9.845 743	16	0.154 257	9.913 195	5	968	
033	9.758 948	10	9.845 759	16	0.154 241	9.913 189	6	967	
034	9.758 959	11	9.845 775	16	0.154 225	9.913 184	5	966	
035	9.758 970	11	9.845 791	16	0.154 209	9.913 179	5	965	
036	9.758 981	11	9.845 807	16	0.154 193	9.913 173	6	964	
037	9.758 992	11	9.845 824	17	0.154 176	9.913 168	5	963	
038	9.759 002	10	9.845 840	16	0.154 160	9.913 163	5	962	
039	9.759 013	11	9.845 856	16	0.154 144	9.913 157	6	961	
.040	9.759 024	11	9.845 872	16	0.154 128	9.913 152	5	.960	
041	9.759 035	11	9.845 888	16	0.154 112	9.913 147	5	959	
042	9.759 046	11	9.845 904	16	0.154 096	9.913 141	6	958	
043	9.759 056	10	9.845 920	16	0.154 080	9.913 136	5	957	
044	9.759 067	11	9.845 936	16	0.154 064	9.913 131	5	956	
045	9.759 078	11	9.845 953	17	0.154 047	9.913 125	6	955	
046	9.759 089	11	9.845 969	16	0.154 031	9.913 120	5	954	
047	9.759 100	11	9.845 985	16	0.154 015	9.913 115	5	953	
048	9.759 110	10	9.846 001	16	0.153 999	9.913 110	5	952	
049	9.759 121	11	9.846 017	16	0.153 983	9.913 104	6	951	
.050	9.759 132	11	9.846 033	16	0.153 967	9.913 099	5	.950	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

55°.000 — 54°.950

35°.050 — 35°.100

35°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.759 132		9.846 033		0.153 967	9.913 099		.950	
051	9.759 143	11	9.846 049	16	0.153 951	9.913 094	5	949	
052	9.759 154	11	9.846 065	16	0.153 935	9.913 088	6	948	
053	9.759 164	10	9.846 082	17	0.153 918	9.913 083	5	947	
		11		16			5		
054	9.759 175	11	9.846 098	16	0.153 902	9.913 078	6	946	
055	9.759 186	11	9.846 114	16	0.153 886	9.913 072	6	945	
056	9.759 197	11	9.846 130	16	0.153 870	9.913 067	5	944	
		11		16			5		
057	9.759 208	10	9.846 146	16	0.153 854	9.913 062	6	943	
058	9.759 218	11	9.846 162	16	0.153 838	9.913 056	6	942	
059	9.759 229	11	9.846 178	16	0.153 822	9.913 051	5	941	
.060	9.759 240	11	9.846 194	16	0.153 806	9.913 046	5	.940	
		11		16			6		
061	9.759 251	11	9.846 210	17	0.153 790	9.913 040	5	939	
062	9.759 262	11	9.846 227	17	0.153 773	9.913 035	5	938	
063	9.759 272	10	9.846 243	16	0.153 757	9.913 030	5	937	
		11		16			6		
064	9.759 283	11	9.846 259	16	0.153 741	9.913 024	5	936	
065	9.759 294	11	9.846 275	16	0.153 725	9.913 019	5	935	
066	9.759 305	11	9.846 291	16	0.153 709	9.913 014	5	934	
		11		16			6		
067	9.759 316	10	9.846 307	16	0.153 693	9.913 008	5	933	
068	9.759 326	11	9.846 323	16	0.153 677	9.913 003	5	932	
069	9.759 337	11	9.846 339	16	0.153 661	9.912 998	5	931	
.070	9.759 348	11	9.846 356	17	0.153 644	9.912 993	5	.930	
		11		16			6		
071	9.759 359	11	9.846 372	16	0.153 628	9.912 987	5	929	
072	9.759 370	10	9.846 388	16	0.153 612	9.912 982	5	928	
073	9.759 380	11	9.846 404	16	0.153 596	9.912 977	6	927	
		11		16			5		
074	9.759 391	11	9.846 420	16	0.153 580	9.912 971	5	926	
075	9.759 402	11	9.846 436	16	0.153 564	9.912 966	5	925	
076	9.759 413	11	9.846 452	16	0.153 548	9.912 961	5	924	
		11		16			6		
077	9.759 424	10	9.846 468	17	0.153 532	9.912 955	5	923	
078	9.759 434	11	9.846 485	16	0.153 515	9.912 950	5	922	
079	9.759 445	11	9.846 501	16	0.153 499	9.912 945	5	921	
.080	9.759 456	11	9.846 517	16	0.153 483	9.912 939	6	.920	
		11		16			5		
081	9.759 467	11	9.846 533	16	0.153 467	9.912 934	5	919	
082	9.759 478	10	9.846 549	16	0.153 451	9.912 929	6	918	
083	9.759 488	11	9.846 565	16	0.153 435	9.912 923	5	917	
		11		16			5		
084	9.759 499	11	9.846 581	16	0.153 419	9.912 918	5	916	
085	9.759 510	11	9.846 597	16	0.153 403	9.912 913	6	915	
086	9.759 521	11	9.846 613	16	0.153 387	9.912 907	6	914	
		11		17			5		
087	9.759 532	10	9.846 630	16	0.153 370	9.912 902	5	913	
088	9.759 542	11	9.846 646	16	0.153 354	9.912 897	5	912	
089	9.759 553	11	9.846 662	16	0.153 338	9.912 891	6	911	
.090	9.759 564	11	9.846 678	16	0.153 322	9.912 886	5	.910	
		11		16			5		
091	9.759 575	11	9.846 694	16	0.153 306	9.912 881	6	909	
092	9.759 586	10	9.846 710	16	0.153 290	9.912 875	5	908	
093	9.759 596	11	9.846 726	16	0.153 274	9.912 870	5	907	
		11		16			5		
094	9.759 607	11	9.846 742	16	0.153 258	9.912 865	6	906	
095	9.759 618	11	9.846 758	16	0.153 242	9.912 859	5	905	
096	9.759 629	11	9.846 775	17	0.153 225	9.912 854	5	904	
		10		16			5		
097	9.759 639	11	9.846 791	16	0.153 209	9.912 849	6	903	
098	9.759 650	11	9.846 807	16	0.153 193	9.912 843	5	902	
099	9.759 661	11	9.846 823	16	0.153 177	9.912 838	5	901	
.100	9.759 672	11	9.846 839	16	0.153 161	9.912 833	5	.900	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

35°.100 — 35°.150

35°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.759 672		9.846 839		0.153 161	9.912 833		.900	
101	9.759 683	11	9.846 855	16	0.153 145	9.912 827	6	899	
102	9.759 693	10	9.846 871	16	0.153 129	9.912 822	5	898	
103	9.759 704	11	9.846 887	16	0.153 113	9.912 817	5	897	
104	9.759 715	11	9.846 903	16	0.153 097	9.912 811	6	896	
105	9.759 726	11	9.846 920	17	0.153 080	9.912 806	5	895	
106	9.759 737	11	9.846 936	16	0.153 064	9.912 801	5	894	
107	9.759 747	10	9.846 952	16	0.153 048	9.912 795	6	893	
108	9.759 758	11	9.846 968	16	0.153 032	9.912 790	5	892	
109	9.759 769	11	9.846 984	16	0.153 016	9.912 785	5	891	
.110	9.759 780	11	9.847 000	16	0.153 000	9.912 780	5	.890	
111	9.759 790	10	9.847 016	16	0.152 984	9.912 774	6	889	
112	9.759 801	11	9.847 032	16	0.152 968	9.912 769	5	888	
113	9.759 812	11	9.847 048	16	0.152 952	9.912 764	5	887	
114	9.759 823	11	9.847 065	17	0.152 935	9.912 758	6	886	
115	9.759 834	11	9.847 081	16	0.152 919	9.912 753	5	885	
116	9.759 844	10	9.847 097	16	0.152 903	9.912 748	5	884	
117	9.759 855	11	9.847 113	16	0.152 887	9.912 742	6	883	
118	9.759 866	11	9.847 129	16	0.152 871	9.912 737	5	882	
119	9.759 877	11	9.847 145	16	0.152 855	9.912 732	5	881	
.120	9.759 887	10	9.847 161	16	0.152 839	9.912 726	6	.880	
121	9.759 898	11	9.847 177	16	0.152 823	9.912 721	5	879	
122	9.759 909	11	9.847 193	16	0.152 807	9.912 716	5	878	
123	9.759 920	11	9.847 210	17	0.152 790	9.912 710	6	877	
124	9.759 931	11	9.847 226	16	0.152 774	9.912 705	5	876	
125	9.759 941	10	9.847 242	16	0.152 758	9.912 700	5	875	
126	9.759 952	11	9.847 258	16	0.152 742	9.912 694	6	874	
127	9.759 963	11	9.847 274	16	0.152 726	9.912 689	5	873	
128	9.759 974	11	9.847 290	16	0.152 710	9.912 684	5	872	
129	9.759 984	10	9.847 306	16	0.152 694	9.912 678	6	871	
.130	9.759 995	11	9.847 322	16	0.152 678	9.912 673	5	.870	
131	9.760 006	11	9.847 338	16	0.152 662	9.912 668	5	869	
132	9.760 017	11	9.847 355	17	0.152 645	9.912 662	6	868	
133	9.760 028	11	9.847 371	16	0.152 629	9.912 657	5	867	
134	9.760 038	10	9.847 387	16	0.152 613	9.912 652	5	866	
135	9.760 049	11	9.847 403	16	0.152 597	9.912 646	6	865	
136	9.760 060	11	9.847 419	16	0.152 581	9.912 641	5	864	
137	9.760 071	11	9.847 435	16	0.152 565	9.912 636	5	863	
138	9.760 081	10	9.847 451	16	0.152 549	9.912 630	6	862	
139	9.760 092	11	9.847 467	16	0.152 533	9.912 625	5	861	
.140	9.760 103	11	9.847 483	16	0.152 517	9.912 620	5	.860	
141	9.760 114	11	9.847 499	16	0.152 501	9.912 614	6	859	
142	9.760 124	10	9.847 516	17	0.152 484	9.912 609	5	858	
143	9.760 135	11	9.847 532	16	0.152 468	9.912 604	5	857	
144	9.760 146	11	9.847 548	16	0.152 452	9.912 598	6	856	
145	9.760 157	11	9.847 564	16	0.152 436	9.912 593	5	855	
146	9.760 168	11	9.847 580	16	0.152 420	9.912 588	5	854	
147	9.760 178	10	9.847 596	16	0.152 404	9.912 582	6	853	
148	9.760 189	11	9.847 612	16	0.152 388	9.912 577	5	852	
149	9.760 200	11	9.847 628	16	0.152 372	9.912 572	5	851	
.150	9.760 211	11	9.847 644	16	0.152 356	9.912 566	6	.850	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.900 — 54°.850

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.150 — 35°.200

35°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.760 211		9.847 644		0.152 356	9.912 566		.850	
151	9.760 221	10	9.847 660	16	0.152 340	9.912 561	5	849	
152	9.760 232	11	9.847 677	17	0.152 323	9.912 556	5	848	
153	9.760 243	11	9.847 693	16	0.152 307	9.912 550	6	847	
154	9.760 254	11	9.847 709	16	0.152 291	9.912 545	5	846	
155	9.760 264	10	9.847 725	16	0.152 275	9.912 539	6	845	
156	9.760 275	11	9.847 741	16	0.152 259	9.912 534	5	844	
157	9.760 286	11	9.847 757	16	0.152 243	9.912 529	5	843	
158	9.760 297	11	9.847 773	16	0.152 227	9.912 523	6	842	
159	9.760 307	10	9.847 789	16	0.152 211	9.912 518	5	841	
.160	9.760 318	11	9.847 805	16	0.152 195	9.912 513	5	.840	
		11		17			6		
161	9.760 329	11	9.847 822	16	0.152 178	9.912 507	5	839	
162	9.760 340	11	9.847 838	16	0.152 162	9.912 502	5	838	
163	9.760 350	10	9.847 854	16	0.152 146	9.912 497	5	837	
164	9.760 361	11	9.847 870	16	0.152 130	9.912 491	6	836	
165	9.760 372	11	9.847 886	16	0.152 114	9.912 486	5	835	
166	9.760 383	11	9.847 902	16	0.152 098	9.912 481	5	834	
167	9.760 394	11	9.847 918	16	0.152 082	9.912 475	6	833	
168	9.760 404	10	9.847 934	16	0.152 066	9.912 470	5	832	
169	9.760 415	11	9.847 950	16	0.152 050	9.912 465	5	831	
.170	9.760 426	11	9.847 966	16	0.152 034	9.912 459	6	.830	
		11		16			5		
171	9.760 437	11	9.847 982	16	0.152 018	9.912 454	5	829	
172	9.760 447	10	9.847 999	17	0.152 001	9.912 449	5	828	
173	9.760 458	11	9.848 015	16	0.151 985	9.912 443	6	827	
174	9.760 469	11	9.848 031	16	0.151 969	9.912 438	5	826	
175	9.760 480	11	9.848 047	16	0.151 953	9.912 433	5	825	
176	9.760 490	10	9.848 063	16	0.151 937	9.912 427	6	824	
177	9.760 501	11	9.848 079	16	0.151 921	9.912 422	5	823	
178	9.760 512	11	9.848 095	16	0.151 905	9.912 417	5	822	
179	9.760 523	11	9.848 111	16	0.151 889	9.912 411	6	821	
.180	9.760 533	10	9.848 127	16	0.151 873	9.912 406	5	.820	
		11		16			5		
181	9.760 544	11	9.848 143	17	0.151 857	9.912 401	6	819	
182	9.760 555	11	9.848 160	16	0.151 840	9.912 395	5	818	
183	9.760 566	10	9.848 176	16	0.151 824	9.912 390	5	817	
184	9.760 576	11	9.848 192	16	0.151 808	9.912 385	6	816	
185	9.760 587	11	9.848 208	16	0.151 792	9.912 379	5	815	
186	9.760 598	11	9.848 224	16	0.151 776	9.912 374	5	814	
187	9.760 609	11	9.848 240	16	0.151 760	9.912 369	5	813	
188	9.760 619	10	9.848 256	16	0.151 744	9.912 363	6	812	
189	9.760 630	11	9.848 272	16	0.151 728	9.912 358	5	811	
.190	9.760 641	11	9.848 288	16	0.151 712	9.912 353	5	.810	
		11		16			6		
191	9.760 652	11	9.848 304	16	0.151 696	9.912 347	5	809	
192	9.760 662	10	9.848 321	17	0.151 679	9.912 342	5	808	
193	9.760 673	11	9.848 337	16	0.151 663	9.912 336	6	807	
194	9.760 684	11	9.848 353	16	0.151 647	9.912 331	5	806	
195	9.760 695	11	9.848 369	16	0.151 631	9.912 326	5	805	
196	9.760 705	10	9.848 385	16	0.151 615	9.912 320	6	804	
197	9.760 716	11	9.848 401	16	0.151 599	9.912 315	5	803	
198	9.760 727	11	9.848 417	16	0.151 583	9.912 310	5	802	
199	9.760 738	11	9.848 433	16	0.151 567	9.912 304	6	801	
.200	9.760 748	10	9.848 449	16	0.151 551	9.912 299	5	.800	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.850 — 54°.800

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.200 — 35°.250

35°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.760 748		9.848 449		0.151 551	9.912 299		.800	
201	9.760 759	11	9.848 465	16	0.151 535	9.912 294	5	799	
202	9.760 770	11	9.848 481	16	0.151 519	9.912 288	6	798	
203	9.760 781	11	9.848 498	17	0.151 502	9.912 283	5	797	
204	9.760 791	10	9.848 514	16	0.151 486	9.912 278	5	796	
205	9.760 802	11	9.848 530	16	0.151 470	9.912 272	6	795	
206	9.760 813	11	9.848 546	16	0.151 454	9.912 267	5	794	
207	9.760 824	11	9.848 562	16	0.151 438	9.912 262	5	793	
208	9.760 834	10	9.848 578	16	0.151 422	9.912 256	6	792	
209	9.760 845	11	9.848 594	16	0.151 406	9.912 251	5	791	
.210	9.760 856	11	9.848 610	16	0.151 390	9.912 246	5	.790	
211	9.760 866	10	9.848 626	16	0.151 374	9.912 240	6	789	
212	9.760 877	11	9.848 642	16	0.151 358	9.912 235	5	788	
213	9.760 888	11	9.848 658	16	0.151 342	9.912 230	5	787	
214	9.760 899	11	9.848 675	17	0.151 325	9.912 224	6	786	
215	9.760 909	10	9.848 691	16	0.151 309	9.912 219	5	785	
216	9.760 920	11	9.848 707	16	0.151 293	9.912 213	6	784	
217	9.760 931	11	9.848 723	16	0.151 277	9.912 208	5	783	
218	9.760 942	11	9.848 739	16	0.151 261	9.912 203	5	782	
219	9.760 952	10	9.848 755	16	0.151 245	9.912 197	6	781	
.220	9.760 963	11	9.848 771	16	0.151 229	9.912 192	5	.780	
221	9.760 974	11	9.848 787	16	0.151 213	9.912 187	5	779	
222	9.760 985	11	9.848 803	16	0.151 197	9.912 181	6	778	
223	9.760 995	10	9.848 819	16	0.151 181	9.912 176	5	777	
224	9.761 006	11	9.848 835	16	0.151 165	9.912 171	5	776	
225	9.761 017	11	9.848 851	16	0.151 149	9.912 165	6	775	
226	9.761 028	11	9.848 868	17	0.151 132	9.912 160	5	774	
227	9.761 038	10	9.848 884	16	0.151 116	9.912 155	5	773	
228	9.761 049	11	9.848 900	16	0.151 100	9.912 149	6	772	
229	9.761 060	11	9.848 916	16	0.151 084	9.912 144	5	771	
.230	9.761 070	10	9.848 932	16	0.151 068	9.912 139	5	.770	
231	9.761 081	11	9.848 948	16	0.151 052	9.912 133	6	769	
232	9.761 092	11	9.848 964	16	0.151 036	9.912 128	5	768	
233	9.761 103	11	9.848 980	16	0.151 020	9.912 123	5	767	
234	9.761 113	10	9.848 996	16	0.151 004	9.912 117	6	766	
235	9.761 124	11	9.849 012	16	0.150 988	9.912 112	5	765	
236	9.761 135	11	9.849 028	16	0.150 972	9.912 106	6	764	
237	9.761 146	11	9.849 045	17	0.150 955	9.912 101	5	763	
238	9.761 156	10	9.849 061	16	0.150 939	9.912 096	5	762	
239	9.761 167	11	9.849 077	16	0.150 923	9.912 090	6	761	
.240	9.761 178	11	9.849 093	16	0.150 907	9.912 085	5	.760	
241	9.761 189	11	9.849 109	16	0.150 891	9.912 080	5	759	
242	9.761 199	10	9.849 125	16	0.150 875	9.912 074	6	758	
243	9.761 210	11	9.849 141	16	0.150 859	9.912 069	5	757	
244	9.761 221	11	9.849 157	16	0.150 843	9.912 064	5	756	
245	9.761 231	10	9.849 173	16	0.150 827	9.912 058	6	755	
246	9.761 242	11	9.849 189	16	0.150 811	9.912 053	5	754	
247	9.761 253	11	9.849 205	16	0.150 795	9.912 048	5	753	
248	9.761 264	11	9.849 221	16	0.150 779	9.912 042	6	752	
249	9.761 274	10	9.849 238	17	0.150 762	9.912 037	5	751	
.250	9.761 285	11	9.849 254	16	0.150 746	9.912 031	6	.750	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.800 — 54°.750

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.250 — 35°.300

35°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.761 285		9.849 254		0.150 746	9.912 031		.750	
251	9.761 296	11	9.849 270	16	0.150 730	9.912 026	5	749	
252	9.761 307	11	9.849 286	16	0.150 714	9.912 021	5	748	
253	9.761 317	10	9.849 302	16	0.150 698	9.912 015	6	747	
		11		16			5		
254	9.761 328	11	9.849 318	16	0.150 682	9.912 010	5	746	
255	9.761 339	11	9.849 334	16	0.150 666	9.912 005	5	745	
256	9.761 349	10	9.849 350	16	0.150 650	9.911 999	6	744	
		11		16			5		
257	9.761 360	11	9.849 366	16	0.150 634	9.911 994	5	743	
258	9.761 371	11	9.849 382	16	0.150 618	9.911 989	5	742	
259	9.761 382	11	9.849 398	16	0.150 602	9.911 983	6	741	
		10		16			5		
.260	9.761 392		9.849 414		0.150 586	9.911 978		.740	
		11		16			5		
261	9.761 403	11	9.849 430	16	0.150 570	9.911 973	5	739	
262	9.761 414	11	9.849 447	17	0.150 553	9.911 967	6	738	
263	9.761 424	10	9.849 463	16	0.150 537	9.911 962	5	737	
		11		16			6		
264	9.761 435	11	9.849 479	16	0.150 521	9.911 956	5	736	
265	9.761 446	11	9.849 495	16	0.150 505	9.911 951	5	735	
266	9.761 457	11	9.849 511	16	0.150 489	9.911 946	5	734	
		10		16			6		
267	9.761 467	11	9.849 527	16	0.150 473	9.911 940	5	733	
268	9.761 478	11	9.849 543	16	0.150 457	9.911 935	5	732	
269	9.761 489	11	9.849 559	16	0.150 441	9.911 930	5	731	
		11		16			6		
.270	9.761 500		9.849 575		0.150 425	9.911 924		.730	
		10		16			5		
271	9.761 510	11	9.849 591	16	0.150 409	9.911 919	5	729	
272	9.761 521	11	9.849 607	16	0.150 393	9.911 914	5	728	
273	9.761 532	11	9.849 623	16	0.150 377	9.911 908	6	727	
		10		17			5		
274	9.761 542	11	9.849 640	16	0.150 360	9.911 903	6	726	
275	9.761 553	11	9.849 656	16	0.150 344	9.911 897	5	725	
276	9.761 564	11	9.849 672	16	0.150 328	9.911 892	5	724	
		11		16			5		
277	9.761 575	11	9.849 688	16	0.150 312	9.911 887	6	723	
278	9.761 585	10	9.849 704	16	0.150 296	9.911 881	5	722	
279	9.761 596	11	9.849 720	16	0.150 280	9.911 876	5	721	
		11		16			5		
.280	9.761 607		9.849 736		0.150 264	9.911 871		.720	
		10		16			6		
281	9.761 617	11	9.849 752	16	0.150 248	9.911 865	5	719	
282	9.761 628	11	9.849 768	16	0.150 232	9.911 860	5	718	
283	9.761 639	11	9.849 784	16	0.150 216	9.911 855	5	717	
		11		16			6		
284	9.761 650	10	9.849 800	16	0.150 200	9.911 849	5	716	
285	9.761 660	11	9.849 816	16	0.150 184	9.911 844	5	715	
286	9.761 671	11	9.849 832	16	0.150 168	9.911 838	6	714	
		11		17			5		
287	9.761 682	10	9.849 849	16	0.150 151	9.911 833	5	713	
288	9.761 692	11	9.849 865	16	0.150 135	9.911 828	5	712	
289	9.761 703	11	9.849 881	16	0.150 119	9.911 822	6	711	
		11		16			5		
.290	9.761 714		9.849 897		0.150 103	9.911 817		.710	
		10		16			5		
291	9.761 724	11	9.849 913	16	0.150 087	9.911 812	5	709	
292	9.761 735	11	9.849 929	16	0.150 071	9.911 806	6	708	
293	9.761 746	11	9.849 945	16	0.150 055	9.911 801	5	707	
		11		16			5		
294	9.761 757	10	9.849 961	16	0.150 039	9.911 796	6	706	
295	9.761 767	11	9.849 977	16	0.150 023	9.911 790	5	705	
296	9.761 778	11	9.849 993	16	0.150 007	9.911 785	5	704	
		11		16			6		
297	9.761 789	10	9.850 009	16	0.149 991	9.911 779	5	703	
298	9.761 799	11	9.850 025	16	0.149 975	9.911 774	5	702	
299	9.761 810	11	9.850 041	16	0.149 959	9.911 769	5	701	
		11		16			6		
.300	9.761 821		9.850 057		0.149 943	9.911 763		.700	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.750 — 54°.700

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.300 — 35°.350

35°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.761 821		9.850 057		0.149 943	9.911 763		.700	
301	9.761 832	11	9.850 074	17	0.149 926	9.911 758	5	699	
302	9.761 842	10	9.850 090	16	0.149 910	9.911 753	5	698	
303	9.761 853	11	9.850 106	16	0.149 894	9.911 747	6	697	
304	9.761 864	11	9.850 122	16	0.149 878	9.911 742	5	696	
305	9.761 874	10	9.850 138	16	0.149 862	9.911 737	5	695	
306	9.761 885	11	9.850 154	16	0.149 846	9.911 731	6	694	
307	9.761 896	11	9.850 170	16	0.149 830	9.911 726	5	693	
308	9.761 906	10	9.850 186	16	0.149 814	9.911 720	6	692	
309	9.761 917	11	9.850 202	16	0.149 798	9.911 715	5	691	
.310	9.761 928	11	9.850 218	16	0.149 782	9.911 710	5	.690	
311	9.761 939	11	9.850 234	16	0.149 766	9.911 704	6	689	
312	9.761 949	10	9.850 250	16	0.149 750	9.911 699	5	688	
313	9.761 960	11	9.850 266	16	0.149 734	9.911 694	5	687	
314	9.761 971	11	9.850 282	16	0.149 718	9.911 688	6	686	
315	9.761 981	10	9.850 299	17	0.149 701	9.911 683	5	685	
316	9.761 992	11	9.850 315	16	0.149 685	9.911 677	6	684	
317	9.762 003	11	9.850 331	16	0.149 669	9.911 672	5	683	
318	9.762 013	10	9.850 347	16	0.149 653	9.911 667	5	682	
319	9.762 024	11	9.850 363	16	0.149 637	9.911 661	6	681	
.320	9.762 035	11	9.850 379	16	0.149 621	9.911 656	5	.680	
321	9.762 046	11	9.850 395	16	0.149 605	9.911 651	5	679	
322	9.762 056	10	9.850 411	16	0.149 589	9.911 645	6	678	
323	9.762 067	11	9.850 427	16	0.149 573	9.911 640	5	677	
324	9.762 078	11	9.850 443	16	0.149 557	9.911 635	5	676	
325	9.762 088	10	9.850 459	16	0.149 541	9.911 629	6	675	
326	9.762 099	11	9.850 475	16	0.149 525	9.911 624	5	674	
327	9.762 110	11	9.850 491	16	0.149 509	9.911 618	6	673	
328	9.762 120	10	9.850 507	16	0.149 493	9.911 613	5	672	
329	9.762 131	11	9.850 523	16	0.149 477	9.911 608	5	671	
.330	9.762 142	11	9.850 540	17	0.149 460	9.911 602	6	.670	
331	9.762 153	11	9.850 556	16	0.149 444	9.911 597	5	669	
332	9.762 163	10	9.850 572	16	0.149 428	9.911 592	5	668	
333	9.762 174	11	9.850 588	16	0.149 412	9.911 586	6	667	
334	9.762 185	11	9.850 604	16	0.149 396	9.911 581	5	666	
335	9.762 195	10	9.850 620	16	0.149 380	9.911 575	6	665	
336	9.762 206	11	9.850 636	16	0.149 364	9.911 570	5	664	
337	9.762 217	11	9.850 652	16	0.149 348	9.911 565	5	663	
338	9.762 227	10	9.850 668	16	0.149 332	9.911 559	6	662	
339	9.762 238	11	9.850 684	16	0.149 316	9.911 554	5	661	
.340	9.762 249	11	9.850 700	16	0.149 300	9.911 549	5	.660	
341	9.762 259	10	9.850 716	16	0.149 284	9.911 543	6	659	
342	9.762 270	11	9.850 732	16	0.149 268	9.911 538	5	658	
343	9.762 281	11	9.850 748	16	0.149 252	9.911 532	6	657	
344	9.762 292	11	9.850 764	16	0.149 236	9.911 527	5	656	
345	9.762 302	10	9.850 781	17	0.149 219	9.911 522	5	655	
346	9.762 313	11	9.850 797	16	0.149 203	9.911 516	6	654	
347	9.762 324	11	9.850 813	16	0.149 187	9.911 511	5	653	
348	9.762 334	10	9.850 829	16	0.149 171	9.911 506	5	652	
349	9.762 345	11	9.850 845	16	0.149 155	9.911 500	6	651	
.350	9.762 356	11	9.850 861	16	0.149 139	9.911 495	5	.650	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.700 — 54°.650

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.350 — 35°.400

35°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.762 356		9.850 861		0.149 139	9.911 495		.650	
351	9.762 366	10	9.850 877	16	0.149 123	9.911 489	6	649	
352	9.762 377	11	9.850 893	16	0.149 107	9.911 484	5	648	
353	9.762 388	11	9.850 909	16	0.149 091	9.911 479	5	647	
		10		16			6		
354	9.762 398	11	9.850 925	16	0.149 075	9.911 473	5	646	
355	9.762 409	11	9.850 941	16	0.149 059	9.911 468	5	645	
356	9.762 420	11	9.850 957	16	0.149 043	9.911 463	5	644	
		10		16			6		
357	9.762 430	11	9.850 973	16	0.149 027	9.911 457	5	643	
358	9.762 441	11	9.850 989	16	0.149 011	9.911 452	5	642	
359	9.762 452	11	9.851 005	16	0.148 995	9.911 446	6	641	
		10		16			5		
.360	9.762 462	11	9.851 021	17	0.148 979	9.911 441	5	.640	
361	9.762 473	11	9.851 038	16	0.148 962	9.911 436	5	639	
362	9.762 484	11	9.851 054	16	0.148 946	9.911 430	6	638	
363	9.762 495	11	9.851 070	16	0.148 930	9.911 425	5	637	
		10		16			6		
364	9.762 505	11	9.851 086	16	0.148 914	9.911 419	5	636	
365	9.762 516	11	9.851 102	16	0.148 898	9.911 414	5	635	
366	9.762 527	11	9.851 118	16	0.148 882	9.911 409	5	634	
		10		16			6		
367	9.762 537	11	9.851 134	16	0.148 866	9.911 403	5	633	
368	9.762 548	11	9.851 150	16	0.148 850	9.911 398	5	632	
369	9.762 559	11	9.851 166	16	0.148 834	9.911 393	5	631	
		10		16			6		
.370	9.762 569	11	9.851 182	16	0.148 818	9.911 387	5	.630	
371	9.762 580	11	9.851 198	16	0.148 802	9.911 382	6	629	
372	9.762 591	11	9.851 214	16	0.148 786	9.911 376	5	628	
373	9.762 601	11	9.851 230	16	0.148 770	9.911 371	5	627	
		11		16			5		
374	9.762 612	11	9.851 246	16	0.148 754	9.911 366	6	626	
375	9.762 623	11	9.851 262	16	0.148 738	9.911 360	5	625	
376	9.762 633	11	9.851 278	16	0.148 722	9.911 355	5	624	
		11		16			5		
377	9.762 644	11	9.851 294	17	0.148 706	9.911 350	6	623	
378	9.762 655	11	9.851 311	16	0.148 689	9.911 344	5	622	
379	9.762 665	11	9.851 327	16	0.148 673	9.911 339	5	621	
		11		16			6		
.380	9.762 676	11	9.851 343	16	0.148 657	9.911 333	5	.620	
381	9.762 687	10	9.851 359	16	0.148 641	9.911 328	5	619	
382	9.762 697	11	9.851 375	16	0.148 625	9.911 323	6	618	
383	9.762 708	11	9.851 391	16	0.148 609	9.911 317	5	617	
		11		16			5		
384	9.762 719	10	9.851 407	16	0.148 593	9.911 312	6	616	
385	9.762 729	11	9.851 423	16	0.148 577	9.911 306	5	615	
386	9.762 740	11	9.851 439	16	0.148 561	9.911 301	5	614	
		11		16			5		
387	9.762 751	10	9.851 455	16	0.148 545	9.911 296	6	613	
388	9.762 761	11	9.851 471	16	0.148 529	9.911 290	5	612	
389	9.762 772	11	9.851 487	16	0.148 513	9.911 285	5	611	
		11		16			5		
.390	9.762 783	10	9.851 503	16	0.148 497	9.911 280	6	.610	
391	9.762 793	11	9.851 519	16	0.148 481	9.911 274	5	609	
392	9.762 804	11	9.851 535	16	0.148 465	9.911 269	5	608	
393	9.762 815	11	9.851 551	16	0.148 449	9.911 263	6	607	
		10		16			5		
394	9.762 825	11	9.851 567	16	0.148 433	9.911 258	5	606	
395	9.762 836	11	9.851 583	16	0.148 417	9.911 253	5	605	
396	9.762 847	11	9.851 599	16	0.148 401	9.911 247	6	604	
		10		17			5		
397	9.762 857	11	9.851 616	16	0.148 384	9.911 242	6	603	
398	9.762 868	11	9.851 632	16	0.148 368	9.911 236	5	602	
399	9.762 879	11	9.851 648	16	0.148 352	9.911 231	5	601	
		10		16			5		
.400	9.762 889		9.851 664		0.148 336	9.911 226		.600	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.650 — 54°.600

35°.400 — 35°.450

35°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.762 889		9.851 664		0.148 336	9.911 226		.600	
401	9.762 900	11	9.851 680	16	0.148 320	9.911 220	6	599	
402	9.762 911	11	9.851 696	16	0.148 304	9.911 215	5	598	
403	9.762 921	10	9.851 712	16	0.148 288	9.911 210	5	597	
		11		16			6		
404	9.762 932	11	9.851 728	16	0.148 272	9.911 204	5	596	
405	9.762 943	11	9.851 744	16	0.148 256	9.911 199	5	595	
406	9.762 953	10	9.851 760	16	0.148 240	9.911 193	6	594	
		11		16			5		
407	9.762 964	11	9.851 776	16	0.148 224	9.911 188	5	593	
408	9.762 975	11	9.851 792	16	0.148 208	9.911 183	5	592	
409	9.762 985	10	9.851 808	16	0.148 192	9.911 177	6	591	
		11		16			5		
.410	9.762 996	11	9.851 824	16	0.148 176	9.911 172	5	.590	
		11		16			6		
411	9.763 007	11	9.851 840	16	0.148 160	9.911 166	5	589	
412	9.763 017	10	9.851 856	16	0.148 144	9.911 161	5	588	
413	9.763 028	11	9.851 872	16	0.148 128	9.911 156	5	587	
		11		16			6		
414	9.763 039	11	9.851 888	16	0.148 112	9.911 150	5	586	
415	9.763 049	10	9.851 904	16	0.148 096	9.911 145	5	585	
416	9.763 060	11	9.851 921	17	0.148 079	9.911 139	6	584	
		11		16			5		
417	9.763 071	11	9.851 937	16	0.148 063	9.911 134	5	583	
418	9.763 081	10	9.851 953	16	0.148 047	9.911 129	5	582	
419	9.763 092	11	9.851 969	16	0.148 031	9.911 123	6	581	
		11		16			5		
.420	9.763 103	10	9.851 985	16	0.148 015	9.911 118	5	.580	
		11		16			5		
421	9.763 113	11	9.852 001	16	0.147 999	9.911 113	6	579	
422	9.763 124	11	9.852 017	16	0.147 983	9.911 107	5	578	
423	9.763 135	11	9.852 033	16	0.147 967	9.911 102	5	577	
		10		16			6		
424	9.763 145	11	9.852 049	16	0.147 951	9.911 096	5	576	
425	9.763 156	11	9.852 065	16	0.147 935	9.911 091	5	575	
426	9.763 167	11	9.852 081	16	0.147 919	9.911 086	5	574	
		10		16			6		
427	9.763 177	11	9.852 097	16	0.147 903	9.911 080	5	573	
428	9.763 188	11	9.852 113	16	0.147 887	9.911 075	5	572	
429	9.763 199	11	9.852 129	16	0.147 871	9.911 069	6	571	
		10		16			5		
.430	9.763 209	11	9.852 145	16	0.147 855	9.911 064	5	.570	
		11		16			5		
431	9.763 220	11	9.852 161	16	0.147 839	9.911 059	6	569	
432	9.763 231	10	9.852 177	16	0.147 823	9.911 053	5	568	
433	9.763 241	11	9.852 193	16	0.147 807	9.911 048	6	567	
		11		16			5		
434	9.763 252	10	9.852 209	16	0.147 791	9.911 042	5	566	
435	9.763 262	11	9.852 225	16	0.147 775	9.911 037	5	565	
436	9.763 273	11	9.852 241	17	0.147 759	9.911 032	6	564	
		11		16			5		
437	9.763 284	10	9.852 258	16	0.147 742	9.911 026	5	563	
438	9.763 294	11	9.852 274	16	0.147 726	9.911 021	6	562	
439	9.763 305	11	9.852 290	16	0.147 710	9.911 015	5	561	
		10		16			5		
.440	9.763 316	10	9.852 306	16	0.147 694	9.911 010	5	.560	
		11		16			5		
441	9.763 326	11	9.852 322	16	0.147 678	9.911 005	6	559	
442	9.763 337	11	9.852 338	16	0.147 662	9.910 999	5	558	
443	9.763 348	11	9.852 354	16	0.147 646	9.910 994	5	557	
		10		16			6		
444	9.763 358	11	9.852 370	16	0.147 630	9.910 988	5	556	
445	9.763 369	11	9.852 386	16	0.147 614	9.910 983	5	555	
446	9.763 380	11	9.852 402	16	0.147 598	9.910 978	5	554	
		10		16			6		
447	9.763 390	11	9.852 418	16	0.147 582	9.910 972	5	553	
448	9.763 401	11	9.852 434	16	0.147 566	9.910 967	5	552	
449	9.763 412	11	9.852 450	16	0.147 550	9.910 962	5	551	
		10		16			6		
.450	9.763 422		9.852 466		0.147 534	9.910 956		.550	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.600 — 54°.550

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.450 — 35°.500

35°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.763 422		9.852 466		0.147 534	9.910 956		.550	
451	9.763 433	11	9.852 482	16	0.147 518	9.910 951	5	549	
452	9.763 444	11	9.852 498	16	0.147 502	9.910 945	6	548	
453	9.763 454	10	9.852 514	16	0.147 486	9.910 940	5	547	
		11		16			5		
454	9.763 465	10	9.852 530	16	0.147 470	9.910 935	6	546	
455	9.763 475	11	9.852 546	16	0.147 454	9.910 929	5	545	
456	9.763 486	11	9.852 562	16	0.147 438	9.910 924	6	544	
		11		16			5		
457	9.763 497	10	9.852 578	16	0.147 422	9.910 918	5	543	
458	9.763 507	11	9.852 594	16	0.147 406	9.910 913	5	542	
459	9.763 518	11	9.852 610	16	0.147 390	9.910 908	6	541	
		11		17			5		
.460	9.763 529	10	9.852 627	16	0.147 373	9.910 902	5	.540	
461	9.763 539	11	9.852 643	16	0.147 357	9.910 897	6	539	
462	9.763 550	11	9.852 659	16	0.147 341	9.910 891	5	538	
463	9.763 561	10	9.852 675	16	0.147 325	9.910 886	5	537	
		11		16			5		
464	9.763 571	11	9.852 691	16	0.147 309	9.910 881	6	536	
465	9.763 582	11	9.852 707	16	0.147 293	9.910 875	5	535	
466	9.763 593	10	9.852 723	16	0.147 277	9.910 870	6	534	
		11		16			5		
467	9.763 603	11	9.852 739	16	0.147 261	9.910 864	5	533	
468	9.763 614	10	9.852 755	16	0.147 245	9.910 859	5	532	
469	9.763 624	11	9.852 771	16	0.147 229	9.910 854	6	531	
		11		16			5		
.470	9.763 635	11	9.852 787	16	0.147 213	9.910 848	5	.530	
471	9.763 646	10	9.852 803	16	0.147 197	9.910 843	6	529	
472	9.763 656	11	9.852 819	16	0.147 181	9.910 837	5	528	
473	9.763 667	11	9.852 835	16	0.147 165	9.910 832	5	527	
		11		16			5		
474	9.763 678	10	9.852 851	16	0.147 149	9.910 827	6	526	
475	9.763 688	11	9.852 867	16	0.147 133	9.910 821	5	525	
476	9.763 699	11	9.852 883	16	0.147 117	9.910 816	5	524	
		11		16			6		
477	9.763 710	10	9.852 899	16	0.147 101	9.910 810	5	523	
478	9.763 720	11	9.852 915	16	0.147 085	9.910 805	5	522	
479	9.763 731	10	9.852 931	16	0.147 069	9.910 800	6	521	
		11		16			5		
.480	9.763 741	11	9.852 947	16	0.147 053	9.910 794	5	.520	
481	9.763 752	11	9.852 963	16	0.147 037	9.910 789	6	519	
482	9.763 763	10	9.852 979	16	0.147 021	9.910 783	5	518	
483	9.763 773	11	9.852 995	16	0.147 005	9.910 778	5	517	
		11		16			5		
484	9.763 784	11	9.853 011	16	0.146 989	9.910 773	6	516	
485	9.763 795	10	9.853 027	17	0.146 973	9.910 767	5	515	
486	9.763 805	11	9.853 044	16	0.146 956	9.910 762	6	514	
		11		16			5		
487	9.763 816	10	9.853 060	16	0.146 940	9.910 756	5	513	
488	9.763 826	11	9.853 076	16	0.146 924	9.910 751	6	512	
489	9.763 837	11	9.853 092	16	0.146 908	9.910 745	5	511	
		11		16			5		
.490	9.763 848	10	9.853 108	16	0.146 892	9.910 740	5	.510	
491	9.763 858	11	9.853 124	16	0.146 876	9.910 735	6	509	
492	9.763 869	11	9.853 140	16	0.146 860	9.910 729	5	508	
493	9.763 880	10	9.853 156	16	0.146 844	9.910 724	6	507	
		11		16			5		
494	9.763 890	11	9.853 172	16	0.146 828	9.910 718	5	506	
495	9.763 901	11	9.853 188	16	0.146 812	9.910 713	5	505	
496	9.763 912	10	9.853 204	16	0.146 796	9.910 708	6	504	
		11		16			5		
497	9.763 922	11	9.853 220	16	0.146 780	9.910 702	5	503	
498	9.763 933	10	9.853 236	16	0.146 764	9.910 697	6	502	
499	9.763 943	11	9.853 252	16	0.146 748	9.910 691	5	501	
		11		16			5		
.500	9.763 954		9.853 268		0.146 732	9.910 686		.500	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.550 — 54°.500

35°.500 — 35°.550

35°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.763 954		9.853 268		0.146 732	9.910 686		.500	
501	9.763 965	11	9.853 284	16	0.146 716	9.910 681	5	499	
502	9.763 975	10	9.853 300	16	0.146 700	9.910 675	6	498	
503	9.763 986	11	9.853 316	16	0.146 684	9.910 670	5	497	
		11		16			6		
504	9.763 997	10	9.853 332	16	0.146 668	9.910 664	5	496	
505	9.764 007	11	9.853 348	16	0.146 652	9.910 659	5	495	
506	9.764 018	11	9.853 364	16	0.146 636	9.910 654	5	494	
		10		16			6		
507	9.764 028	11	9.853 380	16	0.146 620	9.910 648	5	493	
508	9.764 039	11	9.853 396	16	0.146 604	9.910 643	5	492	
509	9.764 050	11	9.853 412	16	0.146 588	9.910 637	6	491	
		10		16			5		
.510	9.764 060	11	9.853 428	16	0.146 572	9.910 632	5	.490	
		11		16			5		
511	9.764 071	11	9.853 444	16	0.146 556	9.910 627	6	489	
512	9.764 082	10	9.853 460	16	0.146 540	9.910 621	5	488	
513	9.764 092	10	9.853 476	16	0.146 524	9.910 616	5	487	
		11		16			6		
514	9.764 103	10	9.853 492	16	0.146 508	9.910 610	5	486	
515	9.764 113	11	9.853 508	16	0.146 492	9.910 605	5	485	
516	9.764 124	11	9.853 525	17	0.146 475	9.910 600	5	484	
		11		16			6		
517	9.764 135	10	9.853 541	16	0.146 459	9.910 594	5	483	
518	9.764 145	10	9.853 557	16	0.146 443	9.910 589	5	482	
519	9.764 156	11	9.853 573	16	0.146 427	9.910 583	6	481	
		10		16			5		
.520	9.764 166	11	9.853 589	16	0.146 411	9.910 578	6	.480	
		11		16			5		
521	9.764 177	11	9.853 605	16	0.146 395	9.910 572	5	479	
522	9.764 188	10	9.853 621	16	0.146 379	9.910 567	5	478	
523	9.764 198	11	9.853 637	16	0.146 363	9.910 562	5	477	
		11		16			6		
524	9.764 209	11	9.853 653	16	0.146 347	9.910 556	5	476	
525	9.764 220	10	9.853 669	16	0.146 331	9.910 551	5	475	
526	9.764 230	10	9.853 685	16	0.146 315	9.910 545	6	474	
		11		16			5		
527	9.764 241	10	9.853 701	16	0.146 299	9.910 540	5	473	
528	9.764 251	11	9.853 717	16	0.146 283	9.910 535	5	472	
529	9.764 262	11	9.853 733	16	0.146 267	9.910 529	6	471	
		11		16			5		
.530	9.764 273	10	9.853 749	16	0.146 251	9.910 524	6	.470	
		11		16			5		
531	9.764 283	11	9.853 765	16	0.146 235	9.910 518	5	469	
532	9.764 294	11	9.853 781	16	0.146 219	9.910 513	5	468	
533	9.764 305	10	9.853 797	16	0.146 203	9.910 508	5	467	
		10		16			6		
534	9.764 315	11	9.853 813	16	0.146 187	9.910 502	5	466	
535	9.764 326	10	9.853 829	16	0.146 171	9.910 497	5	465	
536	9.764 336	11	9.853 845	16	0.146 155	9.910 491	6	464	
		11		16			5		
537	9.764 347	11	9.853 861	16	0.146 139	9.910 486	6	463	
538	9.764 358	10	9.853 877	16	0.146 123	9.910 480	5	462	
539	9.764 368	11	9.853 893	16	0.146 107	9.910 475	5	461	
		11		16			5		
.540	9.764 379	10	9.853 909	16	0.146 091	9.910 470	6	.460	
		11		16			5		
541	9.764 389	11	9.853 925	16	0.146 075	9.910 464	6	459	
542	9.764 400	11	9.853 941	16	0.146 059	9.910 459	5	458	
543	9.764 411	10	9.853 957	16	0.146 043	9.910 453	6	457	
		10		16			5		
544	9.764 421	11	9.853 973	16	0.146 027	9.910 448	5	456	
545	9.764 432	10	9.853 989	16	0.146 011	9.910 443	5	455	
546	9.764 442	10	9.854 005	16	0.145 995	9.910 437	6	454	
		11		16			5		
547	9.764 453	11	9.854 021	16	0.145 979	9.910 432	6	453	
548	9.764 464	10	9.854 037	16	0.145 963	9.910 426	5	452	
549	9.764 474	11	9.854 053	16	0.145 947	9.910 421	5	451	
		11		16			6		
.550	9.764 485		9.854 069		0.145 931	9.910 415		.450	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.500 — 54°.450

	17	16
1	1.7	1.6
2	3.4	3.2
3	5.1	4.8
4	6.8	6.4
5	8.5	8.0
6	10.2	9.6
7	11.9	11.2
8	13.6	12.8
9	15.3	14.4

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.550 — 35°.600

35°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.764 485		9.854 069		0.145 931	9.910 415		.450	
551	9.764 495	10	9.854 085	16	0.145 915	9.910 410	5	449	
552	9.764 506	11	9.854 101	16	0.145 899	9.910 405	5	448	
553	9.764 517	11	9.854 117	16	0.145 883	9.910 399	6	447	
		10		17			5		
554	9.764 527	11	9.854 134	16	0.145 866	9.910 394	6	446	
555	9.764 538	11	9.854 150	16	0.145 850	9.910 388	5	445	
556	9.764 549	10	9.854 166	16	0.145 834	9.910 383	5	444	
		10		16			5		
557	9.764 559	11	9.854 182	16	0.145 818	9.910 378	6	443	
558	9.764 570	10	9.854 198	16	0.145 802	9.910 372	5	442	
559	9.764 580	11	9.854 214	16	0.145 786	9.910 367	6	441	
.560	9.764 591	11	9.854 230	16	0.145 770	9.910 361	5	.440	
561	9.764 602	10	9.854 246	16	0.145 754	9.910 356	6	439	
562	9.764 612	11	9.854 262	16	0.145 738	9.910 350	5	438	
563	9.764 623	10	9.854 278	16	0.145 722	9.910 345	5	437	
		10		16			5		
564	9.764 633	11	9.854 294	16	0.145 706	9.910 340	6	436	
565	9.764 644	11	9.854 310	16	0.145 690	9.910 334	5	435	
566	9.764 655	10	9.854 326	16	0.145 674	9.910 329	6	434	
		10		16			5		
567	9.764 665	11	9.854 342	16	0.145 658	9.910 323	6	433	
568	9.764 676	11	9.854 358	16	0.145 642	9.910 318	5	432	
569	9.764 686	10	9.854 374	16	0.145 626	9.910 312	6	431	
		11		16			5		
.570	9.764 697	11	9.854 390	16	0.145 610	9.910 307	5	.430	
571	9.764 708	10	9.854 406	16	0.145 594	9.910 302	6	429	
572	9.764 718	11	9.854 422	16	0.145 578	9.910 296	5	428	
573	9.764 729	10	9.854 438	16	0.145 562	9.910 291	6	427	
		10		16			5		
574	9.764 739	11	9.854 454	16	0.145 546	9.910 285	6	426	
575	9.764 750	11	9.854 470	16	0.145 530	9.910 280	5	425	
576	9.764 761	10	9.854 486	16	0.145 514	9.910 275	6	424	
		10		16			5		
577	9.764 771	11	9.854 502	16	0.145 498	9.910 269	6	423	
578	9.764 782	11	9.854 518	16	0.145 482	9.910 264	5	422	
579	9.764 792	10	9.854 534	16	0.145 466	9.910 258	6	421	
		11		16			5		
.580	9.764 803	11	9.854 550	16	0.145 450	9.910 253	6	.420	
581	9.764 814	10	9.854 566	16	0.145 434	9.910 247	5	419	
582	9.764 824	11	9.854 582	16	0.145 418	9.910 242	5	418	
583	9.764 835	10	9.854 598	16	0.145 402	9.910 237	6	417	
		10		16			5		
584	9.764 845	11	9.854 614	16	0.145 386	9.910 231	6	416	
585	9.764 856	10	9.854 630	16	0.145 370	9.910 226	5	415	
586	9.764 866	11	9.854 646	16	0.145 354	9.910 220	6	414	
		11		16			5		
587	9.764 877	11	9.854 662	16	0.145 338	9.910 215	6	413	
588	9.764 888	10	9.854 678	16	0.145 322	9.910 209	5	412	
589	9.764 898	11	9.854 694	16	0.145 306	9.910 204	6	411	
		10		16			5		
.590	9.764 909	10	9.854 710	16	0.145 290	9.910 199	6	.410	
591	9.764 919	11	9.854 726	16	0.145 274	9.910 193	5	409	
592	9.764 930	11	9.854 742	16	0.145 258	9.910 188	6	408	
593	9.764 941	10	9.854 758	16	0.145 242	9.910 182	5	407	
		10		16			5		
594	9.764 951	11	9.854 774	16	0.145 226	9.910 177	6	406	
595	9.764 962	10	9.854 790	16	0.145 210	9.910 171	5	405	
596	9.764 972	11	9.854 806	16	0.145 194	9.910 166	6	404	
		11		16			5		
597	9.764 983	11	9.854 822	16	0.145 178	9.910 161	6	403	
598	9.764 994	10	9.854 838	16	0.145 162	9.910 155	5	402	
599	9.765 004	11	9.854 854	16	0.145 146	9.910 150	6	401	
		11		16			5		
.600	9.765 015		9.854 870		0.145 130	9.910 144		.400	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

35°.600 — 35°.650

35°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.765 015		9.854 870		0.145 130	9.910 144		.400	
601	9.765 025	10	9.854 886	16	0.145 114	9.910 139	5	399	
602	9.765 036	11	9.854 902	16	0.145 098	9.910 134	5	398	
603	9.765 046	10	9.854 918	16	0.145 082	9.910 128	6	397	
604	9.765 057	11	9.854 934	16	0.145 066	9.910 123	5	396	
605	9.765 068	11	9.854 950	16	0.145 050	9.910 117	6	395	
606	9.765 078	10	9.854 966	16	0.145 034	9.910 112	5	394	
607	9.765 089	11	9.854 982	16	0.145 018	9.910 106	6	393	
608	9.765 099	10	9.854 998	16	0.145 002	9.910 101	5	392	
609	9.765 110	11	9.855 014	16	0.144 986	9.910 096	5	391	
.610	9.765 121	11	9.855 031	17	0.144 969	9.910 090	6	.390	
		10		16			5		
611	9.765 131	11	9.855 047	16	0.144 953	9.910 085	6	389	
612	9.765 142	11	9.855 063	16	0.144 937	9.910 079	5	388	
613	9.765 152	10	9.855 079	16	0.144 921	9.910 074	5	387	
614	9.765 163	11	9.855 095	16	0.144 905	9.910 068	6	386	
615	9.765 174	11	9.855 111	16	0.144 889	9.910 063	5	385	
616	9.765 184	10	9.855 127	16	0.144 873	9.910 058	5	384	
617	9.765 195	11	9.855 143	16	0.144 857	9.910 052	6	383	
618	9.765 205	10	9.855 159	16	0.144 841	9.910 047	5	382	
619	9.765 216	11	9.855 175	16	0.144 825	9.910 041	6	381	
.620	9.765 226	10	9.855 191	16	0.144 809	9.910 036	5	.380	
		11		16			6		
621	9.765 237	11	9.855 207	16	0.144 793	9.910 030	5	379	
622	9.765 248	11	9.855 223	16	0.144 777	9.910 025	5	378	
623	9.765 258	10	9.855 239	16	0.144 761	9.910 020	5	377	
624	9.765 269	11	9.855 255	16	0.144 745	9.910 014	6	376	
625	9.765 279	10	9.855 271	16	0.144 729	9.910 009	5	375	
626	9.765 290	11	9.855 287	16	0.144 713	9.910 003	6	374	
627	9.765 300	10	9.855 303	16	0.144 697	9.909 998	5	373	
628	9.765 311	11	9.855 319	16	0.144 681	9.909 992	6	372	
629	9.765 322	11	9.855 335	16	0.144 665	9.909 987	5	371	
.630	9.765 332	10	9.855 351	16	0.144 649	9.909 981	6	.370	
		11		16			5		
631	9.765 343	10	9.855 367	16	0.144 633	9.909 976	5	369	
632	9.765 353	11	9.855 383	16	0.144 617	9.909 971	5	368	
633	9.765 364	11	9.855 399	16	0.144 601	9.909 965	6	367	
634	9.765 374	10	9.855 415	16	0.144 585	9.909 960	5	366	
635	9.765 385	11	9.855 431	16	0.144 569	9.909 954	6	365	
636	9.765 396	11	9.855 447	16	0.144 553	9.909 949	5	364	
637	9.765 406	10	9.855 463	16	0.144 537	9.909 943	6	363	
638	9.765 417	11	9.855 479	16	0.144 521	9.909 938	5	362	
639	9.765 427	10	9.855 495	16	0.144 505	9.909 933	5	361	
.640	9.765 438	11	9.855 511	16	0.144 489	9.909 927	6	.360	
		10		16			5		
641	9.765 448	11	9.855 527	16	0.144 473	9.909 922	5	359	
642	9.765 459	11	9.855 543	16	0.144 457	9.909 916	6	358	
643	9.765 470	11	9.855 559	16	0.144 441	9.909 911	5	357	
644	9.765 480	10	9.855 575	16	0.144 425	9.909 905	6	356	
645	9.765 491	11	9.855 591	16	0.144 409	9.909 900	5	355	
646	9.765 501	10	9.855 607	16	0.144 393	9.909 895	5	354	
647	9.765 512	11	9.855 623	16	0.144 377	9.909 889	6	353	
648	9.765 522	10	9.855 639	16	0.144 361	9.909 884	5	352	
649	9.765 533	11	9.855 655	16	0.144 345	9.909 878	6	351	
.650	9.765 544	11	9.855 671	16	0.144 329	9.909 873	5	.350	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.400 — 54°.350

35°.650 — 35°.700

35°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.765 544		9.855 671		0.144 329	9.909 873		.350	
651	9.765 554	10	9.855 687	16	0.144 313	9.909 867	6	349	
652	9.765 565	11	9.855 703	16	0.144 297	9.909 862	5	348	
653	9.765 575	10	9.855 719	16	0.144 281	9.909 856	6	347	
		11		16			5		
654	9.765 586	10	9.855 735	16	0.144 265	9.909 851	5	346	
655	9.765 596	11	9.855 751	16	0.144 249	9.909 846	5	345	
656	9.765 607	11	9.855 767	16	0.144 233	9.909 840	6	344	
		10		16			5		
657	9.765 618	10	9.855 783	16	0.144 217	9.909 835	6	343	
658	9.765 628	11	9.855 799	16	0.144 201	9.909 829	5	342	
659	9.765 639	11	9.855 815	16	0.144 185	9.909 824	6	341	
		10		16			5		
.660	9.765 649	11	9.855 831	16	0.144 169	9.909 818	5	.340	
661	9.765 660	10	9.855 847	16	0.144 153	9.909 813	6	339	
662	9.765 670	11	9.855 863	16	0.144 137	9.909 808	5	338	
663	9.765 681	11	9.855 879	16	0.144 121	9.909 802	6	337	
		10		16			5		
664	9.765 692	10	9.855 895	16	0.144 105	9.909 797	6	336	
665	9.765 702	11	9.855 911	16	0.144 089	9.909 791	5	335	
666	9.765 713	11	9.855 927	16	0.144 073	9.909 786	6	334	
		10		16			5		
667	9.765 723	10	9.855 943	16	0.144 057	9.909 780	6	333	
668	9.765 734	11	9.855 959	16	0.144 041	9.909 775	5	332	
669	9.765 744	11	9.855 975	16	0.144 025	9.909 769	6	331	
		10		16			5		
.670	9.765 755	10	9.855 991	16	0.144 009	9.909 764	5	.330	
671	9.765 765	11	9.856 007	16	0.143 993	9.909 759	6	329	
672	9.765 776	11	9.856 023	16	0.143 977	9.909 753	5	328	
673	9.765 787	10	9.856 039	16	0.143 961	9.909 748	6	327	
		11		16			5		
674	9.765 797	11	9.856 055	16	0.143 945	9.909 742	6	326	
675	9.765 808	10	9.856 071	16	0.143 929	9.909 737	5	325	
676	9.765 818	11	9.856 087	16	0.143 913	9.909 731	6	324	
		10		16			5		
677	9.765 829	10	9.856 103	16	0.143 897	9.909 726	6	323	
678	9.765 839	11	9.856 119	16	0.143 881	9.909 720	5	322	
679	9.765 850	11	9.856 135	16	0.143 865	9.909 715	6	321	
		10		16			5		
.680	9.765 860	11	9.856 151	16	0.143 849	9.909 710	6	.320	
681	9.765 871	11	9.856 167	16	0.143 833	9.909 704	5	319	
682	9.765 882	10	9.856 183	16	0.143 817	9.909 699	6	318	
683	9.765 892	11	9.856 199	16	0.143 801	9.909 693	5	317	
		10		16			6		
684	9.765 903	10	9.856 215	16	0.143 785	9.909 688	5	316	
685	9.765 913	11	9.856 231	16	0.143 769	9.909 682	6	315	
686	9.765 924	10	9.856 247	16	0.143 753	9.909 677	5	314	
		11		16			6		
687	9.765 934	11	9.856 263	16	0.143 737	9.909 671	5	313	
688	9.765 945	10	9.856 279	16	0.143 721	9.909 666	6	312	
689	9.765 955	11	9.856 295	16	0.143 705	9.909 661	5	311	
		10		16			6		
.690	9.765 966	11	9.856 311	16	0.143 689	9.909 655	5	.310	
691	9.765 977	10	9.856 327	16	0.143 673	9.909 650	6	309	
692	9.765 987	11	9.856 343	16	0.143 657	9.909 644	5	308	
693	9.765 998	10	9.856 359	16	0.143 641	9.909 639	6	307	
		11		16			5		
694	9.766 008	10	9.856 375	16	0.143 625	9.909 633	6	306	
695	9.766 019	11	9.856 391	16	0.143 609	9.909 628	5	305	
696	9.766 029	10	9.856 407	16	0.143 593	9.909 622	6	304	
		11		16			5		
697	9.766 040	10	9.856 423	16	0.143 577	9.909 617	6	303	
698	9.766 050	11	9.856 439	16	0.143 561	9.909 612	5	302	
699	9.766 061	11	9.856 455	16	0.143 545	9.909 606	6	301	
		10		16			5		
.700	9.766 072	11	9.856 471	16	0.143 529	9.909 601	5	.300	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.350 — 54°.300

35°.700 — 35°.750

35°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.766 072		9.856 471		0.143 529	9.909 601		.300	
701	9.766 082	10	9.856 487	16	0.143 513	9.909 595	6	299	
702	9.766 093	11	9.856 503	16	0.143 497	9.909 590	5	298	
703	9.766 103	10	9.856 519	16	0.143 481	9.909 584	6	297	
		11		16			5		
704	9.766 114	10	9.856 535	16	0.143 465	9.909 579	6	296	
705	9.766 124	11	9.856 551	16	0.143 449	9.909 573	5	295	
706	9.766 135	10	9.856 567	16	0.143 433	9.909 568	6	294	
		11		16			5		
707	9.766 145	10	9.856 583	16	0.143 417	9.909 563	6	293	
708	9.766 156	11	9.856 599	16	0.143 401	9.909 557	5	292	
709	9.766 166	10	9.856 615	16	0.143 385	9.909 552	6	291	
		11		16			5		
.710	9.766 177	11	9.856 631	16	0.143 369	9.909 546	6	.290	
		11		16			5		
711	9.766 188	10	9.856 647	16	0.143 353	9.909 541	6	289	
712	9.766 198	11	9.856 663	16	0.143 337	9.909 535	5	288	
713	9.766 209	10	9.856 679	16	0.143 321	9.909 530	6	287	
		11		16			5		
714	9.766 219	10	9.856 695	16	0.143 305	9.909 524	6	286	
715	9.766 230	11	9.856 711	16	0.143 289	9.909 519	5	285	
716	9.766 240	10	9.856 727	16	0.143 273	9.909 514	6	284	
		11		16			5		
717	9.766 251	10	9.856 743	16	0.143 257	9.909 508	6	283	
718	9.766 261	11	9.856 759	16	0.143 241	9.909 503	5	282	
719	9.766 272	10	9.856 775	16	0.143 225	9.909 497	6	281	
		11		16			5		
.720	9.766 282	11	9.856 791	16	0.143 209	9.909 492	6	.280	
		11		16			5		
721	9.766 293	10	9.856 807	16	0.143 193	9.909 486	6	279	
722	9.766 304	11	9.856 823	16	0.143 177	9.909 481	5	278	
723	9.766 314	10	9.856 839	16	0.143 161	9.909 475	6	277	
		11		16			5		
724	9.766 325	10	9.856 855	16	0.143 145	9.909 470	6	276	
725	9.766 335	11	9.856 871	16	0.143 129	9.909 464	5	275	
726	9.766 346	10	9.856 887	16	0.143 113	9.909 459	6	274	
		11		16			5		
727	9.766 356	10	9.856 903	16	0.143 097	9.909 454	6	273	
728	9.766 367	11	9.856 919	16	0.143 081	9.909 448	5	272	
729	9.766 377	10	9.856 935	16	0.143 065	9.909 443	6	271	
		11		16			5		
.730	9.766 388	10	9.856 951	16	0.143 049	9.909 437	6	.270	
		11		16			5		
731	9.766 398	10	9.856 967	16	0.143 033	9.909 432	6	269	
732	9.766 409	11	9.856 983	16	0.143 017	9.909 426	5	268	
733	9.766 419	10	9.856 999	16	0.143 001	9.909 421	6	267	
		11		16			5		
734	9.766 430	10	9.857 015	16	0.142 985	9.909 415	6	266	
735	9.766 440	11	9.857 031	16	0.142 969	9.909 410	5	265	
736	9.766 451	10	9.857 047	16	0.142 953	9.909 404	6	264	
		11		16			5		
737	9.766 462	10	9.857 063	16	0.142 937	9.909 399	6	263	
738	9.766 472	11	9.857 079	16	0.142 921	9.909 394	5	262	
739	9.766 483	10	9.857 095	15	0.142 905	9.909 388	6	261	
		11		16			5		
.740	9.766 493	11	9.857 110	16	0.142 890	9.909 383	6	.260	
		10		16			5		
741	9.766 504	11	9.857 126	16	0.142 874	9.909 377	6	259	
742	9.766 514	10	9.857 142	16	0.142 858	9.909 372	5	258	
743	9.766 525	11	9.857 158	16	0.142 842	9.909 366	6	257	
		10		16			5		
744	9.766 535	11	9.857 174	16	0.142 826	9.909 361	6	256	
745	9.766 546	10	9.857 190	16	0.142 810	9.909 355	5	255	
746	9.766 556	11	9.857 206	16	0.142 794	9.909 350	6	254	
		10		16			5		
747	9.766 567	11	9.857 222	16	0.142 778	9.909 344	6	253	
748	9.766 577	10	9.857 238	16	0.142 762	9.909 339	5	252	
749	9.766 588	11	9.857 254	16	0.142 746	9.909 334	6	251	
		10		16			5		
.750	9.766 598	10	9.857 270	15	0.142 730	9.909 328	6	.250	
		11		16			5		
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.300 — 54°.250

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.750 — 35°.800

35°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.766 598		9.857 270		0.142 730	9.909 328		.250	
751	9.766 609	11	9.857 286	16	0.142 714	9.909 323	5	249	
752	9.766 620	11	9.857 302	16	0.142 698	9.909 317	6	248	
753	9.766 630	10	9.857 318	16	0.142 682	9.909 312	5	247	
		11		16			6		
754	9.766 641	10	9.857 334	16	0.142 666	9.909 306	5	246	
755	9.766 651	11	9.857 350	16	0.142 650	9.909 301	6	245	
756	9.766 662	10	9.857 366	16	0.142 634	9.909 295	5	244	
		11		16			6		
757	9.766 672	10	9.857 382	16	0.142 618	9.909 290	5	243	
758	9.766 683	11	9.857 398	16	0.142 602	9.909 284	6	242	
759	9.766 693	10	9.857 414	16	0.142 586	9.909 279	5	241	
		11		16			6		
.760	9.766 704	10	9.857 430	16	0.142 570	9.909 274	5	.240	
		11		16			6		
761	9.766 714	10	9.857 446	16	0.142 554	9.909 268	5	239	
762	9.766 725	11	9.857 462	16	0.142 538	9.909 263	6	238	
763	9.766 735	10	9.857 478	16	0.142 522	9.909 257	5	237	
		11		16			6		
764	9.766 746	10	9.857 494	16	0.142 506	9.909 252	5	236	
765	9.766 756	11	9.857 510	16	0.142 490	9.909 246	6	235	
766	9.766 767	10	9.857 526	16	0.142 474	9.909 241	5	234	
		11		16			6		
767	9.766 777	10	9.857 542	16	0.142 458	9.909 235	5	233	
768	9.766 788	11	9.857 558	16	0.142 442	9.909 230	6	232	
769	9.766 798	10	9.857 574	16	0.142 426	9.909 224	5	231	
		11		16			6		
.770	9.766 809	10	9.857 590	16	0.142 410	9.909 219	5	.230	
		11		16			6		
771	9.766 819	10	9.857 606	16	0.142 394	9.909 213	5	229	
772	9.766 830	11	9.857 622	16	0.142 378	9.909 208	6	228	
773	9.766 841	10	9.857 638	16	0.142 362	9.909 203	5	227	
		11		16			6		
774	9.766 851	10	9.857 654	16	0.142 346	9.909 197	5	226	
775	9.766 862	11	9.857 670	16	0.142 330	9.909 192	6	225	
776	9.766 872	10	9.857 686	16	0.142 314	9.909 186	5	224	
		11		16			6		
777	9.766 883	10	9.857 702	16	0.142 298	9.909 181	5	223	
778	9.766 893	11	9.857 718	16	0.142 282	9.909 175	6	222	
779	9.766 904	10	9.857 734	16	0.142 266	9.909 170	5	221	
		11		16			6		
.780	9.766 914	10	9.857 750	16	0.142 250	9.909 164	5	.220	
		11		16			6		
781	9.766 925	10	9.857 766	16	0.142 234	9.909 159	5	219	
782	9.766 935	11	9.857 782	16	0.142 218	9.909 153	6	218	
783	9.766 946	10	9.857 798	16	0.142 202	9.909 148	5	217	
		11		16			6		
784	9.766 956	10	9.857 814	16	0.142 186	9.909 142	5	216	
785	9.766 967	11	9.857 830	16	0.142 170	9.909 137	6	215	
786	9.766 977	10	9.857 846	16	0.142 154	9.909 132	5	214	
		11		16			6		
787	9.766 988	10	9.857 862	16	0.142 138	9.909 126	5	213	
788	9.766 998	11	9.857 878	16	0.142 122	9.909 121	6	212	
789	9.767 009	10	9.857 894	16	0.142 106	9.909 115	5	211	
		11		16			6		
.790	9.767 019	10	9.857 910	16	0.142 090	9.909 110	5	.210	
		11		16			6		
791	9.767 030	10	9.857 926	16	0.142 074	9.909 104	5	209	
792	9.767 040	11	9.857 942	16	0.142 058	9.909 099	6	208	
793	9.767 051	10	9.857 958	16	0.142 042	9.909 093	5	207	
		11		16			6		
794	9.767 061	10	9.857 974	16	0.142 026	9.909 088	5	206	
795	9.767 072	11	9.857 990	16	0.142 010	9.909 082	6	205	
796	9.767 082	10	9.858 006	16	0.141 994	9.909 077	5	204	
		11		15			6		
797	9.767 093	10	9.858 021	16	0.141 979	9.909 071	5	203	
798	9.767 103	11	9.858 037	16	0.141 963	9.909 066	6	202	
799	9.767 114	10	9.858 053	16	0.141 947	9.909 060	5	201	
		11		16			6		
.800	9.767 124	10	9.858 069	16	0.141 931	9.909 055	5	.200	
		11		16			6		
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.250 — 54°.200

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.800 — 35°.850

35°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.767 124		9.858 069		0.141 931	9.909 055		.200	
801	9.767 135	11	9.858 085	16	0.141 915	9.909 050	5	199	
802	9.767 145	10	9.858 101	16	0.141 899	9.909 044	6	198	
803	9.767 156	11	9.858 117	16	0.141 883	9.909 039	5	197	
804	9.767 166	10	9.858 133	16	0.141 867	9.909 033	6	196	
805	9.767 177	11	9.858 149	16	0.141 851	9.909 028	5	195	
806	9.767 187	10	9.858 165	16	0.141 835	9.909 022	6	194	
807	9.767 198	11	9.858 181	16	0.141 819	9.909 017	5	193	
808	9.767 209	11	9.858 197	16	0.141 803	9.909 011	6	192	
809	9.767 219	10	9.858 213	16	0.141 787	9.909 006	5	191	
.810	9.767 230	11	9.858 229	16	0.141 771	9.909 000	6	.190	
811	9.767 240	10	9.858 245	16	0.141 755	9.908 995	5	189	
812	9.767 251	11	9.858 261	16	0.141 739	9.908 989	6	188	
813	9.767 261	10	9.858 277	16	0.141 723	9.908 984	5	187	
814	9.767 272	11	9.858 293	16	0.141 707	9.908 978	6	186	
815	9.767 282	10	9.858 309	16	0.141 691	9.908 973	5	185	
816	9.767 293	11	9.858 325	16	0.141 675	9.908 968	5	184	
817	9.767 303	10	9.858 341	16	0.141 659	9.908 962	6	183	
818	9.767 314	11	9.858 357	16	0.141 643	9.908 957	5	182	
819	9.767 324	10	9.858 373	16	0.141 627	9.908 951	6	181	
.820	9.767 335	11	9.858 389	16	0.141 611	9.908 946	5	.180	
821	9.767 345	10	9.858 405	16	0.141 595	9.908 940	6	179	
822	9.767 356	11	9.858 421	16	0.141 579	9.908 935	5	178	
823	9.767 366	10	9.858 437	16	0.141 563	9.908 929	6	177	
824	9.767 377	11	9.858 453	16	0.141 547	9.908 924	5	176	
825	9.767 387	10	9.858 469	16	0.141 531	9.908 918	6	175	
826	9.767 398	11	9.858 485	16	0.141 515	9.908 913	5	174	
827	9.767 408	10	9.858 501	16	0.141 499	9.908 907	6	173	
828	9.767 419	11	9.858 517	16	0.141 483	9.908 902	5	172	
829	9.767 429	10	9.858 533	16	0.141 467	9.908 896	6	171	
.830	9.767 440	11	9.858 549	16	0.141 451	9.908 891	5	.170	
831	9.767 450	10	9.858 565	16	0.141 435	9.908 885	6	169	
832	9.767 461	11	9.858 581	16	0.141 419	9.908 880	5	168	
833	9.767 471	10	9.858 597	16	0.141 403	9.908 875	5	167	
834	9.767 482	11	9.858 613	16	0.141 387	9.908 869	6	166	
835	9.767 492	10	9.858 628	15	0.141 372	9.908 864	5	165	
836	9.767 503	11	9.858 644	16	0.141 356	9.908 858	6	164	
837	9.767 513	10	9.858 660	16	0.141 340	9.908 853	5	163	
838	9.767 524	11	9.858 676	16	0.141 324	9.908 847	6	162	
839	9.767 534	10	9.858 692	16	0.141 308	9.908 842	5	161	
.840	9.767 545	11	9.858 708	16	0.141 292	9.908 836	6	.160	
841	9.767 555	10	9.858 724	16	0.141 276	9.908 831	5	159	
842	9.767 566	11	9.858 740	16	0.141 260	9.908 825	6	158	
843	9.767 576	10	9.858 756	16	0.141 244	9.908 820	5	157	
844	9.767 586	11	9.858 772	16	0.141 228	9.908 814	6	156	
845	9.767 597	10	9.858 788	16	0.141 212	9.908 809	5	155	
846	9.767 607	11	9.858 804	16	0.141 196	9.908 803	6	154	
847	9.767 618	10	9.858 820	16	0.141 180	9.908 798	5	153	
848	9.767 628	11	9.858 836	16	0.141 164	9.908 792	6	152	
849	9.767 639	10	9.858 852	16	0.141 148	9.908 787	5	151	
.850	9.767 649	11	9.858 868	16	0.141 132	9.908 781	6	.150	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.200 — 54°.150

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.850 — 35°.900

35°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.767 649		9.858 868		0.141 132	9.908 781		.150	
851	9.767 660	11	9.858 884	16	0.141 116	9.908 776	5	149	
852	9.767 670	10	9.858 900	16	0.141 100	9.908 770	6	148	
853	9.767 681	11	9.858 916	16	0.141 084	9.908 765	5	147	
854	9.767 691	10	9.858 932	16	0.141 068	9.908 760	5	146	
855	9.767 702	11	9.858 948	16	0.141 052	9.908 754	6	145	
856	9.767 712	10	9.858 964	16	0.141 036	9.908 749	5	144	
857	9.767 723	11	9.858 980	16	0.141 020	9.908 743	6	143	
858	9.767 733	10	9.858 996	16	0.141 004	9.908 738	5	142	
859	9.767 744	11	9.859 012	16	0.140 988	9.908 732	6	141	
.860	9.767 754	10	9.859 028	16	0.140 972	9.908 727	5	.140	
861	9.767 765	11	9.859 044	16	0.140 956	9.908 721	6	139	
862	9.767 775	10	9.859 060	16	0.140 940	9.908 716	5	138	
863	9.767 786	11	9.859 076	16	0.140 924	9.908 710	6	137	
864	9.767 796	10	9.859 092	16	0.140 908	9.908 705	5	136	
865	9.767 807	11	9.859 107	15	0.140 893	9.908 699	6	135	
866	9.767 817	10	9.859 123	16	0.140 877	9.908 694	5	134	
867	9.767 828	11	9.859 139	16	0.140 861	9.908 688	6	133	
868	9.767 838	10	9.859 155	16	0.140 845	9.908 683	5	132	
869	9.767 849	11	9.859 171	16	0.140 829	9.908 677	6	131	
.870	9.767 859	10	9.859 187	16	0.140 813	9.908 672	5	.130	
871	9.767 870	11	9.859 203	16	0.140 797	9.908 666	6	129	
872	9.767 880	10	9.859 219	16	0.140 781	9.908 661	5	128	
873	9.767 891	11	9.859 235	16	0.140 765	9.908 655	6	127	
874	9.767 901	10	9.859 251	16	0.140 749	9.908 650	5	126	
875	9.767 912	11	9.859 267	16	0.140 733	9.908 644	6	125	
876	9.767 922	10	9.859 283	16	0.140 717	9.908 639	5	124	
877	9.767 933	11	9.859 299	16	0.140 701	9.908 633	6	123	
878	9.767 943	10	9.859 315	16	0.140 685	9.908 628	5	122	
879	9.767 954	11	9.859 331	16	0.140 669	9.908 623	6	121	
.880	9.767 964	10	9.859 347	16	0.140 653	9.908 617	5	.120	
881	9.767 974	11	9.859 363	16	0.140 637	9.908 612	6	119	
882	9.767 985	10	9.859 379	16	0.140 621	9.908 606	5	118	
883	9.767 995	11	9.859 395	16	0.140 605	9.908 601	6	117	
884	9.768 006	10	9.859 411	16	0.140 589	9.908 595	5	116	
885	9.768 016	11	9.859 427	16	0.140 573	9.908 590	6	115	
886	9.768 027	10	9.859 443	16	0.140 557	9.908 584	5	114	
887	9.768 037	11	9.859 459	16	0.140 541	9.908 579	6	113	
888	9.768 048	10	9.859 475	16	0.140 525	9.908 573	5	112	
889	9.768 058	11	9.859 491	16	0.140 509	9.908 568	6	111	
.890	9.768 069	10	9.859 507	16	0.140 493	9.908 562	5	.110	
891	9.768 079	11	9.859 523	16	0.140 477	9.908 557	6	109	
892	9.768 090	10	9.859 538	15	0.140 462	9.908 551	5	108	
893	9.768 100	11	9.859 554	16	0.140 446	9.908 546	6	107	
894	9.768 111	10	9.859 570	16	0.140 430	9.908 540	5	106	
895	9.768 121	11	9.859 586	16	0.140 414	9.908 535	6	105	
896	9.768 132	10	9.859 602	16	0.140 398	9.908 529	5	104	
897	9.768 142	11	9.859 618	16	0.140 382	9.908 524	6	103	
898	9.768 153	10	9.859 634	16	0.140 366	9.908 518	5	102	
899	9.768 163	11	9.859 650	16	0.140 350	9.908 513	6	101	
.900	9.768 173	10	9.859 666	16	0.140 334	9.908 507	5	.100	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

35°.900 — 35°.950

35°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.768 173		9.859 666		0.140 334	9.908 507		.100	
901	9.768 184	11	9.859 682	16	0.140 318	9.908 502	5	099	
902	9.768 194	10	9.859 698	16	0.140 302	9.908 496	6	098	
903	9.768 205	11	9.859 714	16	0.140 286	9.908 491	5	097	
904	9.768 215	10	9.859 730	16	0.140 270	9.908 485	6	096	
905	9.768 226	11	9.859 746	16	0.140 254	9.908 480	5	095	
906	9.768 236	10	9.859 762	16	0.140 238	9.908 474	6	094	
907	9.768 247	11	9.859 778	16	0.140 222	9.908 469	5	093	
908	9.768 257	10	9.859 794	16	0.140 206	9.908 463	6	092	
909	9.768 268	11	9.859 810	16	0.140 190	9.908 458	5	091	
.910	9.768 278	10	9.859 826	16	0.140 174	9.908 452	6	.090	
911	9.768 289	11	9.859 842	16	0.140 158	9.908 447	5	089	
912	9.768 299	10	9.859 858	16	0.140 142	9.908 441	6	088	
913	9.768 310	11	9.859 874	16	0.140 126	9.908 436	5	087	
914	9.768 320	10	9.859 890	16	0.140 110	9.908 431	5	086	
915	9.768 331	11	9.859 905	15	0.140 095	9.908 425	6	085	
916	9.768 341	10	9.859 921	16	0.140 079	9.908 420	5	084	
917	9.768 351	10	9.859 937	16	0.140 063	9.908 414	6	083	
918	9.768 362	11	9.859 953	16	0.140 047	9.908 409	5	082	
919	9.768 372	10	9.859 969	16	0.140 031	9.908 403	6	081	
.920	9.768 383	11	9.859 985	16	0.140 015	9.908 398	5	.080	
921	9.768 393	10	9.860 001	16	0.139 999	9.908 392	6	079	
922	9.768 404	11	9.860 017	16	0.139 983	9.908 387	5	078	
923	9.768 414	10	9.860 033	16	0.139 967	9.908 381	6	077	
924	9.768 425	11	9.860 049	16	0.139 951	9.908 376	5	076	
925	9.768 435	10	9.860 065	16	0.139 935	9.908 370	6	075	
926	9.768 446	11	9.860 081	16	0.139 919	9.908 365	5	074	
927	9.768 456	10	9.860 097	16	0.139 903	9.908 359	6	073	
928	9.768 467	11	9.860 113	16	0.139 887	9.908 354	5	072	
929	9.768 477	10	9.860 129	16	0.139 871	9.908 348	6	071	
.930	9.768 487	10	9.860 145	16	0.139 855	9.908 343	5	.070	
931	9.768 498	11	9.860 161	16	0.139 839	9.908 337	6	069	
932	9.768 508	10	9.860 177	16	0.139 823	9.908 332	5	068	
933	9.768 519	11	9.860 193	16	0.139 807	9.908 326	6	067	
934	9.768 529	10	9.860 209	16	0.139 791	9.908 321	5	066	
935	9.768 540	11	9.860 225	16	0.139 775	9.908 315	6	065	
936	9.768 550	10	9.860 241	16	0.139 759	9.908 310	5	064	
937	9.768 561	11	9.860 256	15	0.139 744	9.908 304	6	063	
938	9.768 571	10	9.860 272	16	0.139 728	9.908 299	5	062	
939	9.768 582	11	9.860 288	16	0.139 712	9.908 293	6	061	
.940	9.768 592	10	9.860 304	16	0.139 696	9.908 288	5	.060	
941	9.768 602	11	9.860 320	16	0.139 680	9.908 282	6	059	
942	9.768 613	10	9.860 336	16	0.139 664	9.908 277	5	058	
943	9.768 623	11	9.860 352	16	0.139 648	9.908 271	6	057	
944	9.768 634	10	9.860 368	16	0.139 632	9.908 266	5	056	
945	9.768 644	11	9.860 384	16	0.139 616	9.908 260	6	055	
946	9.768 655	10	9.860 400	16	0.139 600	9.908 255	5	054	
947	9.768 665	11	9.860 416	16	0.139 584	9.908 249	6	053	
948	9.768 676	10	9.860 432	16	0.139 568	9.908 244	5	052	
949	9.768 686	11	9.860 448	16	0.139 552	9.908 238	6	051	
.950	9.768 697	10	9.860 464	16	0.139 536	9.908 233	5	.050	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.100 — 54°.050

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

35°.950 — 36°.000

35°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.768 697		9.860 464		0.139 536	9.908 233		.050	
951	9.768 707	10	9.860 480	16	0.139 520	9.908 227	6	049	
952	9.768 717	10	9.860 496	16	0.139 504	9.908 222	5	048	
953	9.768 728	11	9.860 512	16	0.139 488	9.908 216	6	047	
954	9.768 738	10	9.860 528	16	0.139 472	9.908 211	5	046	
955	9.768 749	11	9.860 544	16	0.139 456	9.908 205	6	045	
956	9.768 759	10	9.860 560	16	0.139 440	9.908 200	5	044	
957	9.768 770	11	9.860 575	15	0.139 425	9.908 194	6	043	
958	9.768 780	10	9.860 591	16	0.139 409	9.908 189	5	042	
959	9.768 791	11	9.860 607	16	0.139 393	9.908 183	6	041	
.960	9.768 801	10	9.860 623	16	0.139 377	9.908 178	5	.040	
961	9.768 812	11	9.860 639	16	0.139 361	9.908 172	6	039	
962	9.768 822	10	9.860 655	16	0.139 345	9.908 167	5	038	
963	9.768 832	10	9.860 671	16	0.139 329	9.908 161	6	037	
964	9.768 843	11	9.860 687	16	0.139 313	9.908 156	5	036	
965	9.768 853	10	9.860 703	16	0.139 297	9.908 150	6	035	
966	9.768 864	11	9.860 719	16	0.139 281	9.908 145	5	034	
967	9.768 874	10	9.860 735	16	0.139 265	9.908 139	6	033	
968	9.768 885	11	9.860 751	16	0.139 249	9.908 134	5	032	
969	9.768 895	10	9.860 767	16	0.139 233	9.908 128	6	031	
.970	9.768 906	11	9.860 783	16	0.139 217	9.908 123	5	.030	
971	9.768 916	10	9.860 799	16	0.139 201	9.908 117	6	029	
972	9.768 926	10	9.860 815	16	0.139 185	9.908 112	5	028	
973	9.768 937	11	9.860 831	16	0.139 169	9.908 106	6	027	
974	9.768 947	10	9.860 847	16	0.139 153	9.908 101	5	026	
975	9.768 958	11	9.860 862	15	0.139 138	9.908 095	6	025	
976	9.768 968	10	9.860 878	16	0.139 122	9.908 090	5	024	
977	9.768 979	11	9.860 894	16	0.139 106	9.908 084	6	023	
978	9.768 989	10	9.860 910	16	0.139 090	9.908 079	5	022	
979	9.769 000	11	9.860 926	16	0.139 074	9.908 073	6	021	
.980	9.769 010	10	9.860 942	16	0.139 058	9.908 068	5	.020	
981	9.769 020	10	9.860 958	16	0.139 042	9.908 062	6	019	
982	9.769 031	11	9.860 974	16	0.139 026	9.908 057	5	018	
983	9.769 041	10	9.860 990	16	0.139 010	9.908 051	6	017	
984	9.769 052	11	9.861 006	16	0.138 994	9.908 046	5	016	
985	9.769 062	10	9.861 022	16	0.138 978	9.908 040	6	015	
986	9.769 073	11	9.861 038	16	0.138 962	9.908 035	5	014	
987	9.769 083	10	9.861 054	16	0.138 946	9.908 029	6	013	
988	9.769 093	10	9.861 070	16	0.138 930	9.908 024	5	012	
989	9.769 104	11	9.861 086	16	0.138 914	9.908 018	6	011	
.990	9.769 114	10	9.861 102	16	0.138 898	9.908 013	5	.010	
991	9.769 125	11	9.861 118	16	0.138 882	9.908 007	6	009	
992	9.769 135	10	9.861 134	16	0.138 866	9.908 002	5	008	
993	9.769 146	11	9.861 149	15	0.138 851	9.907 996	6	007	
994	9.769 156	10	9.861 165	16	0.138 835	9.907 991	5	006	
995	9.769 167	11	9.861 181	16	0.138 819	9.907 985	6	005	
996	9.769 177	10	9.861 197	16	0.138 803	9.907 980	5	004	
997	9.769 187	10	9.861 213	16	0.138 787	9.907 974	6	003	
998	9.769 198	11	9.861 229	16	0.138 771	9.907 969	5	002	
999	9.769 208	10	9.861 245	16	0.138 755	9.907 963	6	001	
*.000	9.769 219	11	9.861 261	16	0.138 739	9.907 958	5	.000	
	cos	d	cotg	d	tang	sin	d	54°	P.P.

54°.050 — 54°.000

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.000 — 36°.050

36°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.769 219		9.861 261		0.138 739	9.907 958		*.000	
001	9.769 229	10	9.861 277	16	0.138 723	9.907 952	6	999	
002	9.769 240	11	9.861 293	16	0.138 707	9.907 947	5	998	
003	9.769 250	10	9.861 309	16	0.138 691	9.907 941	6	997	
004	9.769 260	10	9.861 325	16	0.138 675	9.907 936	5	996	
005	9.769 271	11	9.861 341	16	0.138 659	9.907 930	6	995	
006	9.769 281	10	9.861 357	16	0.138 643	9.907 925	5	994	
007	9.769 292	11	9.861 373	16	0.138 627	9.907 919	6	993	
008	9.769 302	10	9.861 389	16	0.138 611	9.907 914	5	992	
009	9.769 313	11	9.861 404	15	0.138 596	9.907 908	6	991	
.010	9.769 323	10	9.861 420	16	0.138 580	9.907 903	5	.990	
011	9.769 333	10	9.861 436	16	0.138 564	9.907 897	6	989	
012	9.769 344	11	9.861 452	16	0.138 548	9.907 892	5	988	
013	9.769 354	10	9.861 468	16	0.138 532	9.907 886	6	987	
014	9.769 365	11	9.861 484	16	0.138 516	9.907 881	5	986	
015	9.769 375	10	9.861 500	16	0.138 500	9.907 875	6	985	
016	9.769 386	11	9.861 516	16	0.138 484	9.907 870	5	984	
017	9.769 396	10	9.861 532	16	0.138 468	9.907 864	6	983	
018	9.769 406	10	9.861 548	16	0.138 452	9.907 858	5	982	
019	9.769 417	11	9.861 564	16	0.138 436	9.907 853	6	981	
.020	9.769 427	10	9.861 580	16	0.138 420	9.907 847	5	.980	
021	9.769 438	11	9.861 596	16	0.138 404	9.907 842	6	979	
022	9.769 448	10	9.861 612	16	0.138 388	9.907 836	5	978	
023	9.769 459	11	9.861 628	16	0.138 372	9.907 831	6	977	
024	9.769 469	10	9.861 644	16	0.138 356	9.907 825	5	976	
025	9.769 479	10	9.861 659	15	0.138 341	9.907 820	6	975	
026	9.769 490	11	9.861 675	16	0.138 325	9.907 814	5	974	
027	9.769 500	10	9.861 691	16	0.138 309	9.907 809	6	973	
028	9.769 511	11	9.861 707	16	0.138 293	9.907 803	5	972	
029	9.769 521	10	9.861 723	16	0.138 277	9.907 798	6	971	
.030	9.769 531	10	9.861 739	16	0.138 261	9.907 792	5	.970	
031	9.769 542	11	9.861 755	16	0.138 245	9.907 787	6	969	
032	9.769 552	10	9.861 771	16	0.138 229	9.907 781	5	968	
033	9.769 563	11	9.861 787	16	0.138 213	9.907 776	6	967	
034	9.769 573	10	9.861 803	16	0.138 197	9.907 770	5	966	
035	9.769 584	11	9.861 819	16	0.138 181	9.907 765	6	965	
036	9.769 594	10	9.861 835	16	0.138 165	9.907 759	5	964	
037	9.769 604	10	9.861 851	16	0.138 149	9.907 754	6	963	
038	9.769 615	11	9.861 867	16	0.138 133	9.907 748	5	962	
039	9.769 625	10	9.861 883	16	0.138 117	9.907 743	6	961	
.040	9.769 636	11	9.861 898	15	0.138 102	9.907 737	5	.960	
041	9.769 646	10	9.861 914	16	0.138 086	9.907 732	6	959	
042	9.769 657	11	9.861 930	16	0.138 070	9.907 726	5	958	
043	9.769 667	10	9.861 946	16	0.138 054	9.907 721	6	957	
044	9.769 677	10	9.861 962	16	0.138 038	9.907 715	5	956	
045	9.769 688	11	9.861 978	16	0.138 022	9.907 710	6	955	
046	9.769 698	10	9.861 994	16	0.138 006	9.907 704	5	954	
047	9.769 709	11	9.862 010	16	0.137 990	9.907 699	6	953	
048	9.769 719	10	9.862 026	16	0.137 974	9.907 693	5	952	
049	9.769 729	10	9.862 042	16	0.137 958	9.907 688	6	951	
.050	9.769 740	11	9.862 058	15	0.137 942	9.907 682	5	.950	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

36°.050 — 36°.100

36°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.769 740		9.862 058		0.137 942	9.907 682		.950	
051	9.769 750	10	9.862 074	16	0.137 926	9.907 677	5	949	
052	9.769 761	11	9.862 090	16	0.137 910	9.907 671	6	948	
053	9.769 771	10	9.862 106	16	0.137 894	9.907 665	6	947	
054	9.769 781	10	9.862 122	16	0.137 878	9.907 660	5	946	
055	9.769 792	11	9.862 137	15	0.137 863	9.907 654	6	945	
056	9.769 802	10	9.862 153	16	0.137 847	9.907 649	5	944	
057	9.769 813	11	9.862 169	16	0.137 831	9.907 643	6	943	
058	9.769 823	10	9.862 185	16	0.137 815	9.907 638	5	942	
059	9.769 834	11	9.862 201	16	0.137 799	9.907 632	6	941	
.060	9.769 844	10	9.862 217	16	0.137 783	9.907 627	5	.940	
061	9.769 854	10	9.862 233	16	0.137 767	9.907 621	6	939	
062	9.769 865	11	9.862 249	16	0.137 751	9.907 616	5	938	
063	9.769 875	10	9.862 265	16	0.137 735	9.907 610	6	937	
064	9.769 886	11	9.862 281	16	0.137 719	9.907 605	5	936	
065	9.769 896	10	9.862 297	16	0.137 703	9.907 599	6	935	
066	9.769 906	10	9.862 313	16	0.137 687	9.907 594	5	934	
067	9.769 917	11	9.862 329	16	0.137 671	9.907 588	6	933	
068	9.769 927	10	9.862 345	16	0.137 655	9.907 583	5	932	
069	9.769 938	11	9.862 360	15	0.137 640	9.907 577	6	931	
.070	9.769 948	10	9.862 376	16	0.137 624	9.907 572	5	.930	
071	9.769 958	10	9.862 392	16	0.137 608	9.907 566	6	929	
072	9.769 969	11	9.862 408	16	0.137 592	9.907 561	5	928	
073	9.769 979	10	9.862 424	16	0.137 576	9.907 555	6	927	
074	9.769 990	11	9.862 440	16	0.137 560	9.907 550	5	926	
075	9.770 000	10	9.862 456	16	0.137 544	9.907 544	6	925	
076	9.770 010	10	9.862 472	16	0.137 528	9.907 539	5	924	
077	9.770 021	11	9.862 488	16	0.137 512	9.907 533	6	923	
078	9.770 031	10	9.862 504	16	0.137 496	9.907 527	5	922	
079	9.770 042	11	9.862 520	16	0.137 480	9.907 522	6	921	
.080	9.770 052	10	9.862 536	16	0.137 464	9.907 516	5	.920	
081	9.770 062	10	9.862 552	16	0.137 448	9.907 511	6	919	
082	9.770 073	11	9.862 568	16	0.137 432	9.907 505	5	918	
083	9.770 083	10	9.862 583	15	0.137 417	9.907 500	6	917	
084	9.770 094	11	9.862 599	16	0.137 401	9.907 494	5	916	
085	9.770 104	10	9.862 615	16	0.137 385	9.907 489	6	915	
086	9.770 114	10	9.862 631	16	0.137 369	9.907 483	5	914	
087	9.770 125	11	9.862 647	16	0.137 353	9.907 478	6	913	
088	9.770 135	10	9.862 663	16	0.137 337	9.907 472	5	912	
089	9.770 146	11	9.862 679	16	0.137 321	9.907 467	6	911	
.090	9.770 156	10	9.862 695	16	0.137 305	9.907 461	5	.910	
091	9.770 166	10	9.862 711	16	0.137 289	9.907 456	6	909	
092	9.770 177	11	9.862 727	16	0.137 273	9.907 450	5	908	
093	9.770 187	10	9.862 743	16	0.137 257	9.907 445	6	907	
094	9.770 198	11	9.862 759	16	0.137 241	9.907 439	5	906	
095	9.770 208	10	9.862 775	16	0.137 225	9.907 434	6	905	
096	9.770 218	10	9.862 790	15	0.137 210	9.907 428	5	904	
097	9.770 229	11	9.862 806	16	0.137 194	9.907 423	6	903	
098	9.770 239	10	9.862 822	16	0.137 178	9.907 417	5	902	
099	9.770 250	11	9.862 838	16	0.137 162	9.907 411	6	901	
.100	9.770 260	10	9.862 854	16	0.137 146	9.907 406	5	.900	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.950 — 53°.900

	16	15
1	1.6	1.5
2	3.2	3.0
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4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.100 — 36°.150

36°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.770 260		9.862 854		0.137 146	9.907 406		.900	
101	9.770 270	10	9.862 870	16	0.137 130	9.907 400	6	899	
102	9.770 281	11	9.862 886	16	0.137 114	9.907 395	5	898	
103	9.770 291	10	9.862 902	16	0.137 098	9.907 389	6	897	
104	9.770 302	11	9.862 918	16	0.137 082	9.907 384	5	896	
105	9.770 312	10	9.862 934	16	0.137 066	9.907 378	6	895	
106	9.770 322	10	9.862 950	16	0.137 050	9.907 373	5	894	
107	9.770 333	11	9.862 966	16	0.137 034	9.907 367	6	893	
108	9.770 343	10	9.862 981	15	0.137 019	9.907 362	5	892	
109	9.770 354	11	9.862 997	16	0.137 003	9.907 356	6	891	
.110	9.770 364	10	9.863 013	16	0.136 987	9.907 351	5	.890	
111	9.770 374	10	9.863 029	16	0.136 971	9.907 345	6	889	
112	9.770 385	11	9.863 045	16	0.136 955	9.907 340	5	888	
113	9.770 395	10	9.863 061	16	0.136 939	9.907 334	6	887	
114	9.770 406	11	9.863 077	16	0.136 923	9.907 329	5	886	
115	9.770 416	10	9.863 093	16	0.136 907	9.907 323	6	885	
116	9.770 426	10	9.863 109	16	0.136 891	9.907 317	6	884	
117	9.770 437	11	9.863 125	16	0.136 875	9.907 312	5	883	
118	9.770 447	10	9.863 141	16	0.136 859	9.907 306	6	882	
119	9.770 457	10	9.863 157	16	0.136 843	9.907 301	5	881	
.120	9.770 468	11	9.863 173	16	0.136 827	9.907 295	6	.880	
121	9.770 478	10	9.863 188	15	0.136 812	9.907 290	5	879	
122	9.770 489	11	9.863 204	16	0.136 796	9.907 284	6	878	
123	9.770 499	10	9.863 220	16	0.136 780	9.907 279	5	877	
124	9.770 509	10	9.863 236	16	0.136 764	9.907 273	6	876	
125	9.770 520	11	9.863 252	16	0.136 748	9.907 268	5	875	
126	9.770 530	10	9.863 268	16	0.136 732	9.907 262	6	874	
127	9.770 541	11	9.863 284	16	0.136 716	9.907 257	5	873	
128	9.770 551	10	9.863 300	16	0.136 700	9.907 251	6	872	
129	9.770 561	10	9.863 316	16	0.136 684	9.907 246	5	871	
.130	9.770 572	11	9.863 332	16	0.136 668	9.907 240	6	.870	
131	9.770 582	10	9.863 348	16	0.136 652	9.907 234	6	869	
132	9.770 592	10	9.863 364	16	0.136 636	9.907 229	5	868	
133	9.770 603	11	9.863 379	15	0.136 621	9.907 223	6	867	
134	9.770 613	10	9.863 395	16	0.136 605	9.907 218	5	866	
135	9.770 624	11	9.863 411	16	0.136 589	9.907 212	6	865	
136	9.770 634	10	9.863 427	16	0.136 573	9.907 207	5	864	
137	9.770 644	10	9.863 443	16	0.136 557	9.907 201	6	863	
138	9.770 655	11	9.863 459	16	0.136 541	9.907 196	5	862	
139	9.770 665	10	9.863 475	16	0.136 525	9.907 190	6	861	
.140	9.770 676	11	9.863 491	16	0.136 509	9.907 185	5	.860	
141	9.770 686	10	9.863 507	16	0.136 493	9.907 179	6	859	
142	9.770 696	10	9.863 523	16	0.136 477	9.907 174	5	858	
143	9.770 707	11	9.863 539	16	0.136 461	9.907 168	6	857	
144	9.770 717	10	9.863 555	16	0.136 445	9.907 163	5	856	
145	9.770 727	10	9.863 570	15	0.136 430	9.907 157	6	855	
146	9.770 738	11	9.863 586	16	0.136 414	9.907 151	6	854	
147	9.770 748	10	9.863 602	16	0.136 398	9.907 146	5	853	
148	9.770 759	11	9.863 618	16	0.136 382	9.907 140	6	852	
149	9.770 769	10	9.863 634	16	0.136 366	9.907 135	5	851	
.150	9.770 779	10	9.863 650	16	0.136 350	9.907 129	6	.850	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.900 — 53°.850

	16	15
1	1.6	1.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
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7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.150 — 36°.200

36°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.770 779	11	9.863 650	16	0.136 350	9.907 129	5	.850	
151	9.770 790	10	9.863 666	16	0.136 334	9.907 124	6	849	
152	9.770 800	10	9.863 682	16	0.136 318	9.907 118	5	848	
153	9.770 810	11	9.863 698	16	0.136 302	9.907 113	6	847	
154	9.770 821	10	9.863 714	16	0.136 286	9.907 107	5	846	
155	9.770 831	11	9.863 730	15	0.136 270	9.907 102	6	845	
156	9.770 842	10	9.863 745	16	0.136 255	9.907 096	5	844	
157	9.770 852	10	9.863 761	16	0.136 239	9.907 091	6	843	
158	9.770 862	11	9.863 777	16	0.136 223	9.907 085	6	842	
159	9.770 873	10	9.863 793	16	0.136 207	9.907 079	5	841	
.160	9.770 883	10	9.863 809	16	0.136 191	9.907 074	6	.840	
161	9.770 893	11	9.863 825	16	0.136 175	9.907 068	5	839	
162	9.770 904	10	9.863 841	16	0.136 159	9.907 063	6	838	
163	9.770 914	11	9.863 857	16	0.136 143	9.907 057	5	837	
164	9.770 925	10	9.863 873	16	0.136 127	9.907 052	6	836	
165	9.770 935	10	9.863 889	16	0.136 111	9.907 046	5	835	
166	9.770 945	11	9.863 905	15	0.136 095	9.907 041	6	834	
167	9.770 956	10	9.863 920	16	0.136 080	9.907 035	5	833	
168	9.770 966	10	9.863 936	16	0.136 064	9.907 030	6	832	
169	9.770 976	11	9.863 952	16	0.136 048	9.907 024	5	831	
.170	9.770 987	10	9.863 968	16	0.136 032	9.907 019	6	.830	
171	9.770 997	10	9.863 984	16	0.136 016	9.907 013	5	829	
172	9.771 007	11	9.864 000	16	0.136 000	9.907 007	6	828	
173	9.771 018	10	9.864 016	16	0.135 984	9.907 002	5	827	
174	9.771 028	11	9.864 032	16	0.135 968	9.906 996	6	826	
175	9.771 039	10	9.864 048	16	0.135 952	9.906 991	5	825	
176	9.771 049	10	9.864 064	16	0.135 936	9.906 985	6	824	
177	9.771 059	11	9.864 080	15	0.135 920	9.906 980	5	823	
178	9.771 070	10	9.864 095	16	0.135 905	9.906 974	6	822	
179	9.771 080	10	9.864 111	16	0.135 889	9.906 969	5	821	
.180	9.771 090	11	9.864 127	16	0.135 873	9.906 963	6	.820	
181	9.771 101	10	9.864 143	16	0.135 857	9.906 958	5	819	
182	9.771 111	10	9.864 159	16	0.135 841	9.906 952	6	818	
183	9.771 121	11	9.864 175	16	0.135 825	9.906 946	5	817	
184	9.771 132	10	9.864 191	16	0.135 809	9.906 941	6	816	
185	9.771 142	11	9.864 207	16	0.135 793	9.906 935	5	815	
186	9.771 153	10	9.864 223	16	0.135 777	9.906 930	6	814	
187	9.771 163	10	9.864 239	16	0.135 761	9.906 924	5	813	
188	9.771 173	11	9.864 255	15	0.135 745	9.906 919	6	812	
189	9.771 184	10	9.864 270	16	0.135 730	9.906 913	5	811	
.190	9.771 194	10	9.864 286	16	0.135 714	9.906 908	6	.810	
191	9.771 204	11	9.864 302	16	0.135 698	9.906 902	5	809	
192	9.771 215	10	9.864 318	16	0.135 682	9.906 897	6	808	
193	9.771 225	10	9.864 334	16	0.135 666	9.906 891	5	807	
194	9.771 235	11	9.864 350	16	0.135 650	9.906 885	6	806	
195	9.771 246	10	9.864 366	16	0.135 634	9.906 880	5	805	
196	9.771 256	10	9.864 382	16	0.135 618	9.906 874	6	804	
197	9.771 267	11	9.864 398	16	0.135 602	9.906 869	5	803	
198	9.771 277	10	9.864 414	16	0.135 586	9.906 863	6	802	
199	9.771 287	11	9.864 430	15	0.135 570	9.906 858	5	801	
.200	9.771 298	10	9.864 445	16	0.135 555	9.906 852	6	.800	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.850 — 53°.800

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8	12.8	12.0
9	14.4	13.5

	11	10
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2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.200 — 36°.250

36°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.771 298		9.864 445		0.135 555	9.906 852		.800	
201	9.771 308	10	9.864 461	16	0.135 539	9.906 847	5	799	
202	9.771 318	10	9.864 477	16	0.135 523	9.906 841	6	798	
203	9.771 329	11	9.864 493	16	0.135 507	9.906 836	5	797	
		10		16			6		
204	9.771 339	10	9.864 509	16	0.135 491	9.906 830	6	796	
205	9.771 349	10	9.864 525	16	0.135 475	9.906 824	6	795	
206	9.771 360	11	9.864 541	16	0.135 459	9.906 819	5	794	
		10		16			6		
207	9.771 370	10	9.864 557	16	0.135 443	9.906 813	5	793	
208	9.771 380	10	9.864 573	16	0.135 427	9.906 808	6	792	
209	9.771 391	11	9.864 589	16	0.135 411	9.906 802	5	791	
		10		15			6		
.210	9.771 401	11	9.864 604	16	0.135 396	9.906 797	5	.790	
		10		16			6		
211	9.771 412	10	9.864 620	16	0.135 380	9.906 791	5	789	
212	9.771 422	10	9.864 636	16	0.135 364	9.906 786	6	788	
213	9.771 432	10	9.864 652	16	0.135 348	9.906 780	6	787	
		11		16			6		
214	9.771 443	10	9.864 668	16	0.135 332	9.906 774	5	786	
215	9.771 453	10	9.864 684	16	0.135 316	9.906 769	6	785	
216	9.771 463	10	9.864 700	16	0.135 300	9.906 763	5	784	
		11		16			6		
217	9.771 474	10	9.864 716	16	0.135 284	9.906 758	5	783	
218	9.771 484	10	9.864 732	16	0.135 268	9.906 752	6	782	
219	9.771 494	10	9.864 748	16	0.135 252	9.906 747	5	781	
		11		15			6		
.220	9.771 505	10	9.864 763	16	0.135 237	9.906 741	5	.780	
		10		16			6		
221	9.771 515	10	9.864 779	16	0.135 221	9.906 736	5	779	
222	9.771 525	11	9.864 795	16	0.135 205	9.906 730	6	778	
223	9.771 536	10	9.864 811	16	0.135 189	9.906 725	5	777	
		10		16			6		
224	9.771 546	10	9.864 827	16	0.135 173	9.906 719	6	776	
225	9.771 556	11	9.864 843	16	0.135 157	9.906 713	5	775	
226	9.771 567	10	9.864 859	16	0.135 141	9.906 708	6	774	
		10		16			5		
227	9.771 577	10	9.864 875	16	0.135 125	9.906 702	6	773	
228	9.771 587	11	9.864 891	16	0.135 109	9.906 697	5	772	
229	9.771 598	10	9.864 907	16	0.135 093	9.906 691	6	771	
		10		15			5		
.230	9.771 608	10	9.864 922	16	0.135 078	9.906 686	6	.770	
		11		16			5		
231	9.771 618	10	9.864 938	16	0.135 062	9.906 680	6	769	
232	9.771 629	10	9.864 954	16	0.135 046	9.906 675	6	768	
233	9.771 639	11	9.864 970	16	0.135 030	9.906 669	5	767	
		10		16			6		
234	9.771 650	10	9.864 986	16	0.135 014	9.906 663	5	766	
235	9.771 660	10	9.865 002	16	0.134 998	9.906 658	6	765	
236	9.771 670	11	9.865 018	16	0.134 982	9.906 652	5	764	
		10		16			6		
237	9.771 681	10	9.865 034	16	0.134 966	9.906 647	5	763	
238	9.771 691	10	9.865 050	16	0.134 950	9.906 641	6	762	
239	9.771 701	11	9.865 066	16	0.134 934	9.906 636	5	761	
		10		15			6		
.240	9.771 712	10	9.865 081	16	0.134 919	9.906 630	5	.760	
		10		16			6		
241	9.771 722	10	9.865 097	16	0.134 903	9.906 625	5	759	
242	9.771 732	11	9.865 113	16	0.134 887	9.906 619	6	758	
243	9.771 743	10	9.865 129	16	0.134 871	9.906 613	5	757	
		10		16			6		
244	9.771 753	10	9.865 145	16	0.134 855	9.906 608	5	756	
245	9.771 763	11	9.865 161	16	0.134 839	9.906 602	6	755	
246	9.771 774	10	9.865 177	16	0.134 823	9.906 597	5	754	
		10		16			6		
247	9.771 784	10	9.865 193	16	0.134 807	9.906 591	5	753	
248	9.771 794	11	9.865 209	16	0.134 791	9.906 586	6	752	
249	9.771 805	10	9.865 225	16	0.134 775	9.906 580	5	751	
		10		15			6		
.250	9.771 815		9.865 240		0.134 760	9.906 575		.750	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.800 — 53°.750

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.250 — 36°.300

36°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.771 815	10	9.865 240	16	0.134 760	9.906 575	6	.750	
251	9.771 825	11	9.865 256	16	0.134 744	9.906 569	6	749	
252	9.771 836	10	9.865 272	16	0.134 728	9.906 563	5	748	
253	9.771 846	10	9.865 288	16	0.134 712	9.906 558	6	747	
254	9.771 856	11	9.865 304	16	0.134 696	9.906 552	5	746	
255	9.771 867	10	9.865 320	16	0.134 680	9.906 547	6	745	
256	9.771 877	10	9.865 336	16	0.134 664	9.906 541	5	744	
257	9.771 887	11	9.865 352	16	0.134 648	9.906 536	6	743	
258	9.771 898	10	9.865 368	15	0.134 632	9.906 530	5	742	
259	9.771 908	10	9.865 383	16	0.134 617	9.906 525	6	741	
.260	9.771 918	11	9.865 399	16	0.134 601	9.906 519	6	.740	
261	9.771 929	10	9.865 415	16	0.134 585	9.906 513	5	739	
262	9.771 939	10	9.865 431	16	0.134 569	9.906 508	6	738	
263	9.771 949	11	9.865 447	16	0.134 553	9.906 502	5	737	
264	9.771 960	10	9.865 463	16	0.134 537	9.906 497	6	736	
265	9.771 970	10	9.865 479	16	0.134 521	9.906 491	5	735	
266	9.771 980	11	9.865 495	16	0.134 505	9.906 486	6	734	
267	9.771 991	10	9.865 511	16	0.134 489	9.906 480	5	733	
268	9.772 001	10	9.865 527	15	0.134 473	9.906 474	6	732	
269	9.772 011	11	9.865 542	16	0.134 458	9.906 469	5	731	
.270	9.772 022	10	9.865 558	16	0.134 442	9.906 463	6	.730	
271	9.772 032	10	9.865 574	16	0.134 426	9.906 458	5	729	
272	9.772 042	11	9.865 590	16	0.134 410	9.906 452	6	728	
273	9.772 053	10	9.865 606	16	0.134 394	9.906 447	5	727	
274	9.772 063	10	9.865 622	16	0.134 378	9.906 441	6	726	
275	9.772 073	11	9.865 638	16	0.134 362	9.906 436	5	725	
276	9.772 084	10	9.865 654	16	0.134 346	9.906 430	6	724	
277	9.772 094	10	9.865 670	15	0.134 330	9.906 424	5	723	
278	9.772 104	11	9.865 685	16	0.134 315	9.906 419	6	722	
279	9.772 115	10	9.865 701	16	0.134 299	9.906 413	5	721	
.280	9.772 125	10	9.865 717	16	0.134 283	9.906 408	6	.720	
281	9.772 135	11	9.865 733	16	0.134 267	9.906 402	5	719	
282	9.772 146	10	9.865 749	16	0.134 251	9.906 397	6	718	
283	9.772 156	10	9.865 765	16	0.134 235	9.906 391	5	717	
284	9.772 166	11	9.865 781	16	0.134 219	9.906 385	6	716	
285	9.772 177	10	9.865 797	15	0.134 203	9.906 380	5	715	
286	9.772 187	10	9.865 813	16	0.134 187	9.906 374	6	714	
287	9.772 197	11	9.865 828	16	0.134 172	9.906 369	5	713	
288	9.772 208	10	9.865 844	16	0.134 156	9.906 363	6	712	
289	9.772 218	10	9.865 860	16	0.134 140	9.906 358	5	711	
.290	9.772 228	11	9.865 876	16	0.134 124	9.906 352	6	.710	
291	9.772 238	10	9.865 892	16	0.134 108	9.906 347	5	709	
292	9.772 249	10	9.865 908	16	0.134 092	9.906 341	6	708	
293	9.772 259	10	9.865 924	16	0.134 076	9.906 335	5	707	
294	9.772 269	11	9.865 940	16	0.134 060	9.906 330	6	706	
295	9.772 280	10	9.865 956	15	0.134 044	9.906 324	5	705	
296	9.772 290	10	9.865 971	16	0.134 029	9.906 319	6	704	
297	9.772 300	11	9.865 987	16	0.134 013	9.906 313	5	703	
298	9.772 311	10	9.866 003	16	0.133 997	9.906 308	6	702	
299	9.772 321	10	9.866 019	16	0.133 981	9.906 302	5	701	
.300	9.772 331	10	9.866 035	16	0.133 965	9.906 296	6	.700	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.750 — 53°.700

36°.300 — 36°.350

36°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.772 331		9.866 035		0.133 965	9.906 296		.700	
301	9.772 342	11	9.866 051	16	0.133 949	9.906 291	5	699	
302	9.772 352	10	9.866 067	16	0.133 933	9.906 285	6	698	
303	9.772 362	10	9.866 083	16	0.133 917	9.906 280	5	697	
		11		16			6		
304	9.772 373		9.866 099		0.133 901	9.906 274		696	
305	9.772 383	10	9.866 114	15	0.133 886	9.906 269	5	695	
306	9.772 393	10	9.866 130	16	0.133 870	9.906 263	6	694	
		11		16			6		
307	9.772 404		9.866 146		0.133 854	9.906 257		693	
308	9.772 414	10	9.866 162	16	0.133 838	9.906 252	5	692	
309	9.772 424	10	9.866 178	16	0.133 822	9.906 246	6	691	
		11		16			5		
.310	9.772 435		9.866 194		0.133 806	9.906 241		.690	
		10		16			6		
311	9.772 445		9.866 210		0.133 790	9.906 235		689	
312	9.772 455	10	9.866 226	16	0.133 774	9.906 230	5	688	
313	9.772 465	10	9.866 241	15	0.133 759	9.906 224	6	687	
		11		16			6		
314	9.772 476		9.866 257		0.133 743	9.906 218		686	
315	9.772 486	10	9.866 273	16	0.133 727	9.906 213	5	685	
316	9.772 496	10	9.866 289	16	0.133 711	9.906 207	6	684	
		11		16			5		
317	9.772 507		9.866 305		0.133 695	9.906 202		683	
318	9.772 517	10	9.866 321	16	0.133 679	9.906 196	6	682	
319	9.772 527	10	9.866 337	16	0.133 663	9.906 191	5	681	
		11		16			6		
.320	9.772 538		9.866 353		0.133 647	9.906 185		.680	
		10		16			6		
321	9.772 548		9.866 369		0.133 631	9.906 179		679	
322	9.772 558	10	9.866 384	15	0.133 616	9.906 174	5	678	
323	9.772 569	11	9.866 400	16	0.133 600	9.906 168	6	677	
		10		16			5		
324	9.772 579		9.866 416		0.133 584	9.906 163		676	
325	9.772 589	10	9.866 432	16	0.133 568	9.906 157	6	675	
326	9.772 600	11	9.866 448	16	0.133 552	9.906 152	5	674	
		10		16			6		
327	9.772 610		9.866 464		0.133 536	9.906 146		673	
328	9.772 620	10	9.866 480	16	0.133 520	9.906 140	6	672	
329	9.772 630	10	9.866 496	16	0.133 504	9.906 135	5	671	
		11		16			6		
.330	9.772 641		9.866 512		0.133 488	9.906 129		.670	
		10		15			5		
331	9.772 651		9.866 527		0.133 473	9.906 124		669	
332	9.772 661	10	9.866 543	16	0.133 457	9.906 118	6	668	
333	9.772 672	11	9.866 559	16	0.133 441	9.906 113	5	667	
		10		16			6		
334	9.772 682		9.866 575		0.133 425	9.906 107		666	
335	9.772 692	10	9.866 591	16	0.133 409	9.906 101	6	665	
336	9.772 703	11	9.866 607	16	0.133 393	9.906 096	5	664	
		10		16			6		
337	9.772 713		9.866 623		0.133 377	9.906 090		663	
338	9.772 723	10	9.866 639	16	0.133 361	9.906 085	5	662	
339	9.772 734	11	9.866 654	15	0.133 346	9.906 079	6	661	
		10		16			5		
.340	9.772 744		9.866 670		0.133 330	9.906 074		.660	
		10		16			6		
341	9.772 754		9.866 686		0.133 314	9.906 068		659	
342	9.772 764	10	9.866 702	16	0.133 298	9.906 062	6	658	
343	9.772 775	11	9.866 718	16	0.133 282	9.906 057	5	657	
		10		16			6		
344	9.772 785		9.866 734		0.133 266	9.906 051		656	
345	9.772 795	10	9.866 750	16	0.133 250	9.906 046	5	655	
346	9.772 806	11	9.866 766	16	0.133 234	9.906 040	6	654	
		10		15			6		
347	9.772 816		9.866 781		0.133 219	9.906 034		653	
348	9.772 826	10	9.866 797	16	0.133 203	9.906 029	5	652	
349	9.772 837	11	9.866 813	16	0.133 187	9.906 023	6	651	
		10		16			5		
.350	9.772 847		9.866 829		0.133 171	9.906 018		.650	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.700 — 53°.650

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.350 — 36°.400

36°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.772 847	10	9.866 829	16	0.133 171	9.906 018	6	.650	
351	9.772 857	10	9.866 845	16	0.133 155	9.906 012	5	649	
352	9.772 867	11	9.866 861	16	0.133 139	9.906 007	6	648	
353	9.772 878	10	9.866 877	16	0.133 123	9.906 001	6	647	
354	9.772 888	10	9.866 893	15	0.133 107	9.905 995	5	646	
355	9.772 898	11	9.866 908	16	0.133 092	9.905 990	6	645	
356	9.772 909	10	9.866 924	16	0.133 076	9.905 984	5	644	
357	9.772 919	10	9.866 940	16	0.133 060	9.905 979	6	643	
358	9.772 929	11	9.866 956	16	0.133 044	9.905 973	5	642	
359	9.772 940	10	9.866 972	16	0.133 028	9.905 968	6	641	
.360	9.772 950	10	9.866 988	16	0.133 012	9.905 962	6	.640	
361	9.772 960	10	9.867 004	16	0.132 996	9.905 956	5	639	
362	9.772 970	11	9.867 020	15	0.132 980	9.905 951	6	638	
363	9.772 981	10	9.867 035	16	0.132 965	9.905 945	5	637	
364	9.772 991	10	9.867 051	16	0.132 949	9.905 940	6	636	
365	9.773 001	11	9.867 067	16	0.132 933	9.905 934	5	635	
366	9.773 012	10	9.867 083	16	0.132 917	9.905 928	6	634	
367	9.773 022	10	9.867 099	16	0.132 901	9.905 923	5	633	
368	9.773 032	10	9.867 115	16	0.132 885	9.905 917	6	632	
369	9.773 042	11	9.867 131	16	0.132 869	9.905 912	5	631	
.370	9.773 053	10	9.867 147	15	0.132 853	9.905 906	6	.630	
371	9.773 063	10	9.867 162	16	0.132 838	9.905 901	5	629	
372	9.773 073	11	9.867 178	16	0.132 822	9.905 895	6	628	
373	9.773 084	10	9.867 194	16	0.132 806	9.905 889	5	627	
374	9.773 094	10	9.867 210	16	0.132 790	9.905 884	6	626	
375	9.773 104	11	9.867 226	16	0.132 774	9.905 878	5	625	
376	9.773 115	10	9.867 242	16	0.132 758	9.905 873	6	624	
377	9.773 125	10	9.867 258	16	0.132 742	9.905 867	5	623	
378	9.773 135	10	9.867 274	15	0.132 726	9.905 861	6	622	
379	9.773 145	11	9.867 289	16	0.132 711	9.905 856	5	621	
.380	9.773 156	10	9.867 305	16	0.132 695	9.905 850	6	.620	
381	9.773 166	10	9.867 321	16	0.132 679	9.905 845	5	619	
382	9.773 176	11	9.867 337	16	0.132 663	9.905 839	6	618	
383	9.773 187	10	9.867 353	16	0.132 647	9.905 834	5	617	
384	9.773 197	10	9.867 369	16	0.132 631	9.905 828	6	616	
385	9.773 207	10	9.867 385	16	0.132 615	9.905 822	5	615	
386	9.773 217	11	9.867 401	15	0.132 599	9.905 817	6	614	
387	9.773 228	10	9.867 416	16	0.132 584	9.905 811	5	613	
388	9.773 238	10	9.867 432	16	0.132 568	9.905 806	6	612	
389	9.773 248	11	9.867 448	16	0.132 552	9.905 800	5	611	
.390	9.773 259	10	9.867 464	16	0.132 536	9.905 794	6	.610	
391	9.773 269	10	9.867 480	16	0.132 520	9.905 789	5	609	
392	9.773 279	10	9.867 496	16	0.132 504	9.905 783	6	608	
393	9.773 289	11	9.867 512	16	0.132 488	9.905 778	5	607	
394	9.773 300	10	9.867 528	15	0.132 472	9.905 772	6	606	
395	9.773 310	10	9.867 543	16	0.132 457	9.905 767	5	605	
396	9.773 320	11	9.867 559	16	0.132 441	9.905 761	6	604	
397	9.773 331	10	9.867 575	16	0.132 425	9.905 755	5	603	
398	9.773 341	10	9.867 591	16	0.132 409	9.905 750	6	602	
399	9.773 351	10	9.867 607	16	0.132 393	9.905 744	5	601	
.400	9.773 361	11	9.867 623	16	0.132 377	9.905 739	6	.600	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.650 — 53°.600

36°.400 — 36°.450

36°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.773 361		9.867 623		0.132 377	9.905 739		.600	
401	9.773 372	11	9.867 639	16	0.132 361	9.905 733	6	599	
402	9.773 382	10	9.867 655	16	0.132 345	9.905 727	6	598	
403	9.773 392	10	9.867 670	15	0.132 330	9.905 722	5	597	
		10		16			6		
404	9.773 402	11	9.867 686	16	0.132 314	9.905 716	5	596	
405	9.773 413	10	9.867 702	16	0.132 298	9.905 711	6	595	
406	9.773 423	10	9.867 718	16	0.132 282	9.905 705	6	594	
		10		16			6		
407	9.773 433	11	9.867 734	16	0.132 266	9.905 699	5	593	
408	9.773 444	10	9.867 750	16	0.132 250	9.905 694	6	592	
409	9.773 454	10	9.867 766	16	0.132 234	9.905 688	5	591	
		10		15			5		
.410	9.773 464	10	9.867 781	16	0.132 219	9.905 683	6	.590	
		11		16			5		
411	9.773 474	10	9.867 797	16	0.132 203	9.905 677	6	589	
412	9.773 485	10	9.867 813	16	0.132 187	9.905 672	6	588	
413	9.773 495	10	9.867 829	16	0.132 171	9.905 666	6	587	
		10		16			6		
414	9.773 505	11	9.867 845	16	0.132 155	9.905 660	5	586	
415	9.773 516	10	9.867 861	16	0.132 139	9.905 655	6	585	
416	9.773 526	10	9.867 877	16	0.132 123	9.905 649	5	584	
		10		16			6		
417	9.773 536	10	9.867 893	15	0.132 107	9.905 644	6	583	
418	9.773 546	11	9.867 908	16	0.132 092	9.905 638	6	582	
419	9.773 557	10	9.867 924	16	0.132 076	9.905 632	5	581	
		10		16			6		
.420	9.773 567	10	9.867 940	16	0.132 060	9.905 627	5	.580	
		10		16			6		
421	9.773 577	10	9.867 956	16	0.132 044	9.905 621	5	579	
422	9.773 587	11	9.867 972	16	0.132 028	9.905 616	6	578	
423	9.773 598	10	9.867 988	16	0.132 012	9.905 610	6	577	
		10		16			6		
424	9.773 608	10	9.868 004	15	0.131 996	9.905 604	5	576	
425	9.773 618	11	9.868 019	16	0.131 981	9.905 599	6	575	
426	9.773 629	10	9.868 035	16	0.131 965	9.905 593	5	574	
		10		16			6		
427	9.773 639	10	9.868 051	16	0.131 949	9.905 588	6	573	
428	9.773 649	10	9.868 067	16	0.131 933	9.905 582	6	572	
429	9.773 659	11	9.868 083	16	0.131 917	9.905 576	5	571	
		10		16			6		
.430	9.773 670	10	9.868 099	16	0.131 901	9.905 571	5	.570	
		10		16			6		
431	9.773 680	10	9.868 115	16	0.131 885	9.905 565	5	569	
432	9.773 690	10	9.868 131	15	0.131 869	9.905 560	6	568	
433	9.773 700	11	9.868 146	16	0.131 854	9.905 554	6	567	
		10		16			6		
434	9.773 711	10	9.868 162	16	0.131 838	9.905 548	5	566	
435	9.773 721	10	9.868 178	16	0.131 822	9.905 543	6	565	
436	9.773 731	11	9.868 194	16	0.131 806	9.905 537	5	564	
		10		16			6		
437	9.773 742	10	9.868 210	16	0.131 790	9.905 532	6	563	
438	9.773 752	10	9.868 226	16	0.131 774	9.905 526	6	562	
439	9.773 762	10	9.868 242	15	0.131 758	9.905 520	5	561	
		11		16			6		
.440	9.773 772	11	9.868 257	16	0.131 743	9.905 515	5	.560	
		10		16			6		
441	9.773 783	10	9.868 273	16	0.131 727	9.905 509	5	559	
442	9.773 793	10	9.868 289	16	0.131 711	9.905 504	6	558	
443	9.773 803	10	9.868 305	16	0.131 695	9.905 498	6	557	
		10		16			6		
444	9.773 813	11	9.868 321	16	0.131 679	9.905 492	5	556	
445	9.773 824	10	9.868 337	16	0.131 663	9.905 487	6	555	
446	9.773 834	10	9.868 353	15	0.131 647	9.905 481	5	554	
		10		16			6		
447	9.773 844	10	9.868 368	16	0.131 632	9.905 476	6	553	
448	9.773 854	11	9.868 384	16	0.131 616	9.905 470	5	552	
449	9.773 865	10	9.868 400	16	0.131 600	9.905 465	6	551	
		10		16			6		
.450	9.773 875	10	9.868 416	16	0.131 584	9.905 459	5	.550	
		10		16			6		
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.600 — 53°.550

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.450 — 36°.500

36°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.773 875	10	9.868 416	16	0.131 584	9.905 459	6	.550	
451	9.773 885	10	9.868 432	16	0.131 568	9.905 453	5	549	
452	9.773 895	11	9.868 448	16	0.131 552	9.905 448	6	548	
453	9.773 906	10	9.868 464	15	0.131 536	9.905 442	5	547	
454	9.773 916	10	9.868 479	16	0.131 521	9.905 437	6	546	
455	9.773 926	11	9.868 495	16	0.131 505	9.905 431	6	545	
456	9.773 937	10	9.868 511	16	0.131 489	9.905 425	5	544	
457	9.773 947	10	9.868 527	16	0.131 473	9.905 420	6	543	
458	9.773 957	10	9.868 543	16	0.131 457	9.905 414	5	542	
459	9.773 967	11	9.868 559	16	0.131 441	9.905 409	6	541	
.460	9.773 978	10	9.868 575	16	0.131 425	9.905 403	6	.540	
461	9.773 988	10	9.868 591	15	0.131 409	9.905 397	5	539	
462	9.773 998	10	9.868 606	16	0.131 394	9.905 392	6	538	
463	9.774 008	11	9.868 622	16	0.131 378	9.905 386	5	537	
464	9.774 019	10	9.868 638	16	0.131 362	9.905 381	6	536	
465	9.774 029	10	9.868 654	16	0.131 346	9.905 375	5	535	
466	9.774 039	10	9.868 670	16	0.131 330	9.905 369	6	534	
467	9.774 049	11	9.868 686	16	0.131 314	9.905 364	5	533	
468	9.774 060	10	9.868 702	15	0.131 298	9.905 358	6	532	
469	9.774 070	10	9.868 717	16	0.131 283	9.905 352	5	531	
.470	9.774 080	10	9.868 733	16	0.131 267	9.905 347	6	.530	
471	9.774 090	11	9.868 749	16	0.131 251	9.905 341	5	529	
472	9.774 101	10	9.868 765	16	0.131 235	9.905 336	6	528	
473	9.774 111	10	9.868 781	16	0.131 219	9.905 330	5	527	
474	9.774 121	10	9.868 797	16	0.131 203	9.905 324	6	526	
475	9.774 131	11	9.868 813	15	0.131 187	9.905 319	5	525	
476	9.774 142	10	9.868 828	16	0.131 172	9.905 313	6	524	
477	9.774 152	10	9.868 844	16	0.131 156	9.905 308	5	523	
478	9.774 162	10	9.868 860	16	0.131 140	9.905 302	6	522	
479	9.774 172	11	9.868 876	16	0.131 124	9.905 296	5	521	
.480	9.774 183	10	9.868 892	16	0.131 108	9.905 291	6	.520	
481	9.774 193	10	9.868 908	16	0.131 092	9.905 285	5	519	
482	9.774 203	10	9.868 924	15	0.131 076	9.905 280	6	518	
483	9.774 213	11	9.868 939	16	0.131 061	9.905 274	5	517	
484	9.774 224	10	9.868 955	16	0.131 045	9.905 268	6	516	
485	9.774 234	10	9.868 971	16	0.131 029	9.905 263	5	515	
486	9.774 244	10	9.868 987	16	0.131 013	9.905 257	6	514	
487	9.774 254	11	9.869 003	16	0.130 997	9.905 252	5	513	
488	9.774 265	10	9.869 019	15	0.130 981	9.905 246	6	512	
489	9.774 275	10	9.869 034	16	0.130 966	9.905 240	5	511	
.490	9.774 285	10	9.869 050	16	0.130 950	9.905 235	6	.510	
491	9.774 295	11	9.869 066	16	0.130 934	9.905 229	5	509	
492	9.774 306	10	9.869 082	16	0.130 918	9.905 224	6	508	
493	9.774 316	10	9.869 098	16	0.130 902	9.905 218	5	507	
494	9.774 326	10	9.869 114	16	0.130 886	9.905 212	6	506	
495	9.774 336	11	9.869 130	15	0.130 870	9.905 207	5	505	
496	9.774 347	10	9.869 145	16	0.130 855	9.905 201	6	504	
497	9.774 357	10	9.869 161	16	0.130 839	9.905 196	5	503	
498	9.774 367	10	9.869 177	16	0.130 823	9.905 190	6	502	
499	9.774 377	11	9.869 193	16	0.130 807	9.905 184	5	501	
.500	9.774 388	10	9.869 209	16	0.130 791	9.905 179	6	.500	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.550 — 53°.500

36°.500 — 36°.550

36°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.774 388		9.869 209		0.130 791	9.905 179		.500	
501	9.774 398	10	9.869 225	16	0.130 775	9.905 173	6	499	
502	9.774 408	10	9.869 241	16	0.130 759	9.905 168	5	498	
503	9.774 418	10	9.869 256	15	0.130 744	9.905 162	6	497	
		11		16			6		
504	9.774 429	10	9.869 272	16	0.130 728	9.905 156	5	496	
505	9.774 439	10	9.869 288	16	0.130 712	9.905 151	6	495	
506	9.774 449	10	9.869 304	16	0.130 696	9.905 145	6	494	
		10		16			6		
507	9.774 459	11	9.869 320	16	0.130 680	9.905 139	5	493	
508	9.774 470	10	9.869 336	16	0.130 664	9.905 134	6	492	
509	9.774 480	10	9.869 352	15	0.130 648	9.905 128	5	491	
.510	9.774 490	10	9.869 367	16	0.130 633	9.905 123	6	.490	
		10		16			6		
511	9.774 500	10	9.869 383	16	0.130 617	9.905 117	6	489	
512	9.774 510	11	9.869 399	16	0.130 601	9.905 111	5	488	
513	9.774 521	10	9.869 415	16	0.130 585	9.905 106	6	487	
		10		16			6		
514	9.774 531	10	9.869 431	16	0.130 569	9.905 100	5	486	
515	9.774 541	10	9.869 447	16	0.130 553	9.905 095	6	485	
516	9.774 551	11	9.869 462	16	0.130 538	9.905 089	6	484	
		10		16			6		
517	9.774 562	10	9.869 478	16	0.130 522	9.905 083	5	483	
518	9.774 572	10	9.869 494	16	0.130 506	9.905 078	6	482	
519	9.774 582	10	9.869 510	16	0.130 490	9.905 072	5	481	
.520	9.774 592	11	9.869 526	16	0.130 474	9.905 067	6	.480	
		10		16			6		
521	9.774 603	10	9.869 542	16	0.130 458	9.905 061	5	479	
522	9.774 613	10	9.869 558	15	0.130 442	9.905 055	6	478	
523	9.774 623	10	9.869 573	16	0.130 427	9.905 050	6	477	
		10		16			6		
524	9.774 633	11	9.869 589	16	0.130 411	9.905 044	5	476	
525	9.774 644	10	9.869 605	16	0.130 395	9.905 038	6	475	
526	9.774 654	10	9.869 621	16	0.130 379	9.905 033	5	474	
		10		16			6		
527	9.774 664	10	9.869 637	16	0.130 363	9.905 027	5	473	
528	9.774 674	11	9.869 653	16	0.130 347	9.905 022	6	472	
529	9.774 685	10	9.869 669	15	0.130 331	9.905 016	6	471	
.530	9.774 695	10	9.869 684	16	0.130 316	9.905 010	5	.470	
		10		16			6		
531	9.774 705	10	9.869 700	16	0.130 300	9.905 005	5	469	
532	9.774 715	10	9.869 716	16	0.130 284	9.904 999	5	468	
533	9.774 725	11	9.869 732	16	0.130 268	9.904 994	6	467	
		10		16			6		
534	9.774 736	10	9.869 748	16	0.130 252	9.904 988	5	466	
535	9.774 746	10	9.869 764	15	0.130 236	9.904 982	6	465	
536	9.774 756	10	9.869 779	16	0.130 221	9.904 977	6	464	
		10		16			6		
537	9.774 766	11	9.869 795	16	0.130 205	9.904 971	5	463	
538	9.774 777	10	9.869 811	16	0.130 189	9.904 965	6	462	
539	9.774 787	10	9.869 827	16	0.130 173	9.904 960	5	461	
.540	9.774 797	10	9.869 843	16	0.130 157	9.904 954	6	.460	
		10		16			5		
541	9.774 807	10	9.869 859	16	0.130 141	9.904 949	6	459	
542	9.774 817	11	9.869 875	15	0.130 125	9.904 943	6	458	
543	9.774 828	10	9.869 890	16	0.130 110	9.904 937	5	457	
		10		16			6		
544	9.774 838	10	9.869 906	16	0.130 094	9.904 932	5	456	
545	9.774 848	10	9.869 922	16	0.130 078	9.904 926	6	455	
546	9.774 858	10	9.869 938	16	0.130 062	9.904 921	5	454	
		11		16			6		
547	9.774 869	10	9.869 954	16	0.130 046	9.904 915	5	453	
548	9.774 879	10	9.869 970	15	0.130 030	9.904 909	6	452	
549	9.774 889	10	9.869 985	16	0.130 015	9.904 904	5	451	
.550	9.774 899	10	9.870 001	16	0.129 999	9.904 898	6	.450	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.500 — 53°.450

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.550 — 36°.600

36°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.774 899	11	9.870 001	16	0.129 999	9.904 898	6	.450	
551	9.774 910	10	9.870 017	16	0.129 983	9.904 892	5	449	
552	9.774 920	10	9.870 033	16	0.129 967	9.904 887	6	448	
553	9.774 930	10	9.870 049	16	0.129 951	9.904 881	5	447	
554	9.774 940	10	9.870 065	16	0.129 935	9.904 876	6	446	
555	9.774 950	11	9.870 081	15	0.129 919	9.904 870	6	445	
556	9.774 961	10	9.870 096	16	0.129 904	9.904 864	5	444	
557	9.774 971	10	9.870 112	16	0.129 888	9.904 859	6	443	
558	9.774 981	10	9.870 128	16	0.129 872	9.904 853	6	442	
559	9.774 991	11	9.870 144	16	0.129 856	9.904 847	5	441	
.560	9.775 002	10	9.870 160	16	0.129 840	9.904 842	6	.440	
561	9.775 012	10	9.870 176	15	0.129 824	9.904 836	5	439	
562	9.775 022	10	9.870 191	16	0.129 809	9.904 831	6	438	
563	9.775 032	10	9.870 207	16	0.129 793	9.904 825	6	437	
564	9.775 042	11	9.870 223	16	0.129 777	9.904 819	5	436	
565	9.775 053	10	9.870 239	16	0.129 761	9.904 814	6	435	
566	9.775 063	10	9.870 255	16	0.129 745	9.904 808	6	434	
567	9.775 073	10	9.870 271	15	0.129 729	9.904 802	5	433	
568	9.775 083	11	9.870 286	16	0.129 714	9.904 797	6	432	
569	9.775 094	10	9.870 302	16	0.129 698	9.904 791	5	431	
.570	9.775 104	10	9.870 318	16	0.129 682	9.904 786	6	.430	
571	9.775 114	10	9.870 334	16	0.129 666	9.904 780	5	429	
572	9.775 124	11	9.870 350	15	0.129 650	9.904 774	6	428	
573	9.775 134	10	9.870 366	16	0.129 634	9.904 769	5	427	
574	9.775 145	10	9.870 381	16	0.129 619	9.904 763	6	426	
575	9.775 155	10	9.870 397	16	0.129 603	9.904 757	5	425	
576	9.775 165	10	9.870 413	16	0.129 587	9.904 752	6	424	
577	9.775 175	11	9.870 429	15	0.129 571	9.904 746	5	423	
578	9.775 185	10	9.870 445	16	0.129 555	9.904 741	6	422	
579	9.775 196	10	9.870 461	16	0.129 539	9.904 735	5	421	
.580	9.775 206	10	9.870 477	15	0.129 523	9.904 729	6	.420	
581	9.775 216	10	9.870 492	16	0.129 508	9.904 724	5	419	
582	9.775 226	11	9.870 508	16	0.129 492	9.904 718	6	418	
583	9.775 237	10	9.870 524	16	0.129 476	9.904 712	5	417	
584	9.775 247	10	9.870 540	16	0.129 460	9.904 707	6	416	
585	9.775 257	10	9.870 556	16	0.129 444	9.904 701	5	415	
586	9.775 267	10	9.870 572	15	0.129 428	9.904 696	6	414	
587	9.775 277	11	9.870 587	16	0.129 413	9.904 690	5	413	
588	9.775 288	10	9.870 603	16	0.129 397	9.904 684	6	412	
589	9.775 298	10	9.870 619	16	0.129 381	9.904 679	5	411	
.590	9.775 308	10	9.870 635	16	0.129 365	9.904 673	6	.410	
591	9.775 318	10	9.870 651	16	0.129 349	9.904 667	5	409	
592	9.775 328	11	9.870 667	15	0.129 333	9.904 662	6	408	
593	9.775 339	10	9.870 682	16	0.129 318	9.904 656	5	407	
594	9.775 349	10	9.870 698	16	0.129 302	9.904 651	6	406	
595	9.775 359	10	9.870 714	16	0.129 286	9.904 645	5	405	
596	9.775 369	10	9.870 730	16	0.129 270	9.904 639	6	404	
597	9.775 379	11	9.870 746	15	0.129 254	9.904 634	5	403	
598	9.775 390	10	9.870 762	16	0.129 238	9.904 628	6	402	
599	9.775 400	10	9.870 777	16	0.129 223	9.904 622	5	401	
.600	9.775 410	10	9.870 793	16	0.129 207	9.904 617	6	.400	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.450 — 53°.400

36°.600 — 36°.650

36°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.775 410		9.870 793		0.129 207	9.904 617		.400	
601	9.775 420	10	9.870 809	16	0.129 191	9.904 611	6	399	
602	9.775 431	11	9.870 825	16	0.129 175	9.904 606	5	398	
603	9.775 441	10	9.870 841	16	0.129 159	9.904 600	6	397	
604	9.775 451	10	9.870 857	16	0.129 143	9.904 594	6	396	
605	9.775 461	10	9.870 872	15	0.129 128	9.904 589	5	395	
606	9.775 471	10	9.870 888	16	0.129 112	9.904 583	6	394	
607	9.775 482	11	9.870 904	16	0.129 096	9.904 577	6	393	
608	9.775 492	10	9.870 920	16	0.129 080	9.904 572	5	392	
609	9.775 502	10	9.870 936	16	0.129 064	9.904 566	6	391	
.610	9.775 512	10	9.870 952	16	0.129 048	9.904 561	5	.390	
611	9.775 522	10	9.870 967	15	0.129 033	9.904 555	6	389	
612	9.775 533	11	9.870 983	16	0.129 017	9.904 549	6	388	
613	9.775 543	10	9.870 999	16	0.129 001	9.904 544	5	387	
614	9.775 553	10	9.871 015	16	0.128 985	9.904 538	6	386	
615	9.775 563	10	9.871 031	16	0.128 969	9.904 532	6	385	
616	9.775 573	10	9.871 047	16	0.128 953	9.904 527	5	384	
617	9.775 584	11	9.871 062	15	0.128 938	9.904 521	6	383	
618	9.775 594	10	9.871 078	16	0.128 922	9.904 515	6	382	
619	9.775 604	10	9.871 094	16	0.128 906	9.904 510	5	381	
.620	9.775 614	10	9.871 110	16	0.128 890	9.904 504	6	.380	
621	9.775 624	10	9.871 126	16	0.128 874	9.904 499	5	379	
622	9.775 635	11	9.871 142	16	0.128 858	9.904 493	6	378	
623	9.775 645	10	9.871 157	15	0.128 843	9.904 487	6	377	
624	9.775 655	10	9.871 173	16	0.128 827	9.904 482	5	376	
625	9.775 665	10	9.871 189	16	0.128 811	9.904 476	6	375	
626	9.775 675	10	9.871 205	16	0.128 795	9.904 470	6	374	
627	9.775 686	11	9.871 221	16	0.128 779	9.904 465	5	373	
628	9.775 696	10	9.871 237	16	0.128 763	9.904 459	6	372	
629	9.775 706	10	9.871 252	15	0.128 748	9.904 453	6	371	
.630	9.775 716	10	9.871 268	16	0.128 732	9.904 448	5	.370	
631	9.775 726	10	9.871 284	16	0.128 716	9.904 442	6	369	
632	9.775 737	11	9.871 300	16	0.128 700	9.904 437	5	368	
633	9.775 747	10	9.871 316	16	0.128 684	9.904 431	6	367	
634	9.775 757	10	9.871 332	16	0.128 668	9.904 425	6	366	
635	9.775 767	10	9.871 347	15	0.128 653	9.904 420	5	365	
636	9.775 777	10	9.871 363	16	0.128 637	9.904 414	6	364	
637	9.775 787	10	9.871 379	16	0.128 621	9.904 408	6	363	
638	9.775 798	11	9.871 395	16	0.128 605	9.904 403	5	362	
639	9.775 808	10	9.871 411	16	0.128 589	9.904 397	6	361	
.640	9.775 818	10	9.871 427	16	0.128 573	9.904 391	5	.360	
641	9.775 828	10	9.871 442	15	0.128 558	9.904 386	6	359	
642	9.775 838	10	9.871 458	16	0.128 542	9.904 380	5	358	
643	9.775 849	11	9.871 474	16	0.128 526	9.904 375	6	357	
644	9.775 859	10	9.871 490	16	0.128 510	9.904 369	5	356	
645	9.775 869	10	9.871 506	16	0.128 494	9.904 363	6	355	
646	9.775 879	10	9.871 522	16	0.128 478	9.904 358	5	354	
647	9.775 889	10	9.871 537	15	0.128 463	9.904 352	6	353	
648	9.775 900	11	9.871 553	16	0.128 447	9.904 346	6	352	
649	9.775 910	10	9.871 569	16	0.128 431	9.904 341	5	351	
.650	9.775 920	10	9.871 585	16	0.128 415	9.904 335	6	.350	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.400 — 53°.350

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.650 — 36°.700

36°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.775 920		9.871 585		0.128 415	9.904 335		.350	
651	9.775 930	10	9.871 601	16	0.128 399	9.904 329	6	349	
652	9.775 940	10	9.871 617	16	0.128 383	9.904 324	5	348	
653	9.775 951	11	9.871 632	15	0.128 368	9.904 318	6	347	
654	9.775 961	10	9.871 648	16	0.128 352	9.904 313	5	346	
655	9.775 971	10	9.871 664	16	0.128 336	9.904 307	6	345	
656	9.775 981	10	9.871 680	16	0.128 320	9.904 301	6	344	
657	9.775 991	10	9.871 696	16	0.128 304	9.904 296	5	343	
658	9.776 001	10	9.871 711	15	0.128 289	9.904 290	6	342	
659	9.776 012	11	9.871 727	16	0.128 273	9.904 284	6	341	
.660	9.776 022	10	9.871 743	16	0.128 257	9.904 279	5	.340	
661	9.776 032	10	9.871 759	16	0.128 241	9.904 273	6	339	
662	9.776 042	10	9.871 775	16	0.128 225	9.904 267	6	338	
663	9.776 052	10	9.871 791	16	0.128 209	9.904 262	5	337	
664	9.776 063	11	9.871 806	15	0.128 194	9.904 256	6	336	
665	9.776 073	10	9.871 822	16	0.128 178	9.904 250	6	335	
666	9.776 083	10	9.871 838	16	0.128 162	9.904 245	5	334	
667	9.776 093	10	9.871 854	16	0.128 146	9.904 239	6	333	
668	9.776 103	10	9.871 870	16	0.128 130	9.904 234	5	332	
669	9.776 113	10	9.871 886	16	0.128 114	9.904 228	6	331	
.670	9.776 124	11	9.871 901	15	0.128 099	9.904 222	6	.330	
671	9.776 134	10	9.871 917	16	0.128 083	9.904 217	5	329	
672	9.776 144	10	9.871 933	16	0.128 067	9.904 211	6	328	
673	9.776 154	10	9.871 949	16	0.128 051	9.904 205	6	327	
674	9.776 164	10	9.871 965	16	0.128 035	9.904 200	5	326	
675	9.776 175	11	9.871 980	15	0.128 020	9.904 194	6	325	
676	9.776 185	10	9.871 996	16	0.128 004	9.904 188	6	324	
677	9.776 195	10	9.872 012	16	0.127 988	9.904 183	5	323	
678	9.776 205	10	9.872 028	16	0.127 972	9.904 177	6	322	
679	9.776 215	10	9.872 044	16	0.127 956	9.904 171	6	321	
.680	9.776 225	10	9.872 060	16	0.127 940	9.904 166	5	.320	
681	9.776 236	11	9.872 075	15	0.127 925	9.904 160	6	319	
682	9.776 246	10	9.872 091	16	0.127 909	9.904 155	5	318	
683	9.776 256	10	9.872 107	16	0.127 893	9.904 149	6	317	
684	9.776 266	10	9.872 123	16	0.127 877	9.904 143	6	316	
685	9.776 276	10	9.872 139	16	0.127 861	9.904 138	5	315	
686	9.776 286	10	9.872 155	16	0.127 845	9.904 132	6	314	
687	9.776 297	11	9.872 170	15	0.127 830	9.904 126	6	313	
688	9.776 307	10	9.872 186	16	0.127 814	9.904 121	5	312	
689	9.776 317	10	9.872 202	16	0.127 798	9.904 115	6	311	
.690	9.776 327	10	9.872 218	16	0.127 782	9.904 109	6	.310	
691	9.776 337	10	9.872 234	16	0.127 766	9.904 104	5	309	
692	9.776 347	10	9.872 249	15	0.127 751	9.904 098	6	308	
693	9.776 358	11	9.872 265	16	0.127 735	9.904 092	6	307	
694	9.776 368	10	9.872 281	16	0.127 719	9.904 087	5	306	
695	9.776 378	10	9.872 297	16	0.127 703	9.904 081	6	305	
696	9.776 388	10	9.872 313	16	0.127 687	9.904 075	6	304	
697	9.776 398	10	9.872 329	16	0.127 671	9.904 070	5	303	
698	9.776 409	11	9.872 344	15	0.127 656	9.904 064	6	302	
699	9.776 419	10	9.872 360	16	0.127 640	9.904 059	5	301	
.700	9.776 429	10	9.872 376	16	0.127 624	9.904 053	6	.300	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.350 — 53°.300

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.700 — 36°.750

36°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.776 429		9.872 376		0.127 624	9.904 053		.300	
701	9.776 439	10	9.872 392	16	0.127 608	9.904 047	6	299	
702	9.776 449	10	9.872 408	16	0.127 592	9.904 042	5	298	
703	9.776 459	10	9.872 423	15	0.127 577	9.904 036	6	297	
704	9.776 470	11	9.872 439	16	0.127 561	9.904 030	6	296	
705	9.776 480	10	9.872 455	16	0.127 545	9.904 025	5	295	
706	9.776 490	10	9.872 471	16	0.127 529	9.904 019	6	294	
707	9.776 500	10	9.872 487	16	0.127 513	9.904 013	5	293	
708	9.776 510	10	9.872 503	15	0.127 497	9.904 008	6	292	
709	9.776 520	10	9.872 518	15	0.127 482	9.904 002	6	291	
.710	9.776 531	11	9.872 534	16	0.127 466	9.903 996	6	.290	
711	9.776 541	10	9.872 550	16	0.127 450	9.903 991	5	289	
712	9.776 551	10	9.872 566	16	0.127 434	9.903 985	6	288	
713	9.776 561	10	9.872 582	16	0.127 418	9.903 979	6	287	
714	9.776 571	10	9.872 597	15	0.127 403	9.903 974	5	286	
715	9.776 581	10	9.872 613	16	0.127 387	9.903 968	6	285	
716	9.776 592	11	9.872 629	16	0.127 371	9.903 962	6	284	
717	9.776 602	10	9.872 645	16	0.127 355	9.903 957	5	283	
718	9.776 612	10	9.872 661	16	0.127 339	9.903 951	6	282	
719	9.776 622	10	9.872 677	16	0.127 323	9.903 945	6	281	
.720	9.776 632	10	9.872 692	15	0.127 308	9.903 940	5	.280	
721	9.776 642	10	9.872 708	16	0.127 292	9.903 934	6	279	
722	9.776 652	10	9.872 724	16	0.127 276	9.903 929	5	278	
723	9.776 663	11	9.872 740	16	0.127 260	9.903 923	6	277	
724	9.776 673	10	9.872 756	16	0.127 244	9.903 917	6	276	
725	9.776 683	10	9.872 771	15	0.127 229	9.903 912	5	275	
726	9.776 693	10	9.872 787	16	0.127 213	9.903 906	6	274	
727	9.776 703	10	9.872 803	16	0.127 197	9.903 900	6	273	
728	9.776 713	10	9.872 819	16	0.127 181	9.903 895	5	272	
729	9.776 724	11	9.872 835	16	0.127 165	9.903 889	6	271	
.730	9.776 734	10	9.872 851	16	0.127 149	9.903 883	6	.270	
731	9.776 744	10	9.872 866	15	0.127 134	9.903 878	5	269	
732	9.776 754	10	9.872 882	16	0.127 118	9.903 872	6	268	
733	9.776 764	10	9.872 898	16	0.127 102	9.903 866	6	267	
734	9.776 774	10	9.872 914	16	0.127 086	9.903 861	5	266	
735	9.776 785	11	9.872 930	16	0.127 070	9.903 855	6	265	
736	9.776 795	10	9.872 945	15	0.127 055	9.903 849	6	264	
737	9.776 805	10	9.872 961	16	0.127 039	9.903 844	5	263	
738	9.776 815	10	9.872 977	16	0.127 023	9.903 838	6	262	
739	9.776 825	10	9.872 993	16	0.127 007	9.903 832	6	261	
.740	9.776 835	10	9.873 009	16	0.126 991	9.903 827	5	.260	
741	9.776 845	10	9.873 024	15	0.126 976	9.903 821	6	259	
742	9.776 856	11	9.873 040	16	0.126 960	9.903 815	6	258	
743	9.776 866	10	9.873 056	16	0.126 944	9.903 810	5	257	
744	9.776 876	10	9.873 072	16	0.126 928	9.903 804	6	256	
745	9.776 886	10	9.873 088	16	0.126 912	9.903 798	6	255	
746	9.776 896	10	9.873 104	16	0.126 896	9.903 793	5	254	
747	9.776 906	10	9.873 119	15	0.126 881	9.903 787	6	253	
748	9.776 917	11	9.873 135	16	0.126 865	9.903 781	6	252	
749	9.776 927	10	9.873 151	16	0.126 849	9.903 776	5	251	
.750	9.776 937	10	9.873 167	16	0.126 833	9.903 770	6	.250	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.300 — 53°.250

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

36°.750 — 36°.800

36°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.776 937	10	9.873 167	16	0.126 833	9.903 770	6	.250	
751	9.776 947	10	9.873 183	15	0.126 817	9.903 764	5	249	
752	9.776 957	10	9.873 198	16	0.126 802	9.903 759	6	248	
753	9.776 967	10	9.873 214	16	0.126 786	9.903 753	6	247	
754	9.776 977	11	9.873 230	16	0.126 770	9.903 747	5	246	
755	9.776 988	10	9.873 246	16	0.126 754	9.903 742	6	245	
756	9.776 998	10	9.873 262	15	0.126 738	9.903 736	6	244	
757	9.777 008	10	9.873 277	16	0.126 723	9.903 730	5	243	
758	9.777 018	10	9.873 293	16	0.126 707	9.903 725	6	242	
759	9.777 028	10	9.873 309	16	0.126 691	9.903 719	6	241	
.760	9.777 038	10	9.873 325	16	0.126 675	9.903 713	5	.240	
761	9.777 048	11	9.873 341	15	0.126 659	9.903 708	6	239	
762	9.777 059	10	9.873 356	16	0.126 644	9.903 702	5	238	
763	9.777 069	10	9.873 372	16	0.126 628	9.903 697	6	237	
764	9.777 079	10	9.873 388	16	0.126 612	9.903 691	6	236	
765	9.777 089	10	9.873 404	16	0.126 596	9.903 685	5	235	
766	9.777 099	10	9.873 420	16	0.126 580	9.903 680	6	234	
767	9.777 109	11	9.873 436	15	0.126 564	9.903 674	6	233	
768	9.777 120	10	9.873 451	16	0.126 549	9.903 668	5	232	
769	9.777 130	10	9.873 467	16	0.126 533	9.903 663	6	231	
.770	9.777 140	10	9.873 483	16	0.126 517	9.903 657	5	.230	
771	9.777 150	10	9.873 499	16	0.126 501	9.903 651	6	229	
772	9.777 160	10	9.873 515	15	0.126 485	9.903 646	6	228	
773	9.777 170	10	9.873 530	16	0.126 470	9.903 640	6	227	
774	9.777 180	11	9.873 546	16	0.126 454	9.903 634	5	226	
775	9.777 191	10	9.873 562	16	0.126 438	9.903 629	6	225	
776	9.777 201	10	9.873 578	16	0.126 422	9.903 623	6	224	
777	9.777 211	10	9.873 594	15	0.126 406	9.903 617	5	223	
778	9.777 221	10	9.873 609	16	0.126 391	9.903 612	6	222	
779	9.777 231	10	9.873 625	16	0.126 375	9.903 606	6	221	
.780	9.777 241	10	9.873 641	16	0.126 359	9.903 600	5	.220	
781	9.777 251	10	9.873 657	16	0.126 343	9.903 595	6	219	
782	9.777 261	11	9.873 673	15	0.126 327	9.903 589	6	218	
783	9.777 272	10	9.873 688	16	0.126 312	9.903 583	5	217	
784	9.777 282	10	9.873 704	16	0.126 296	9.903 578	6	216	
785	9.777 292	10	9.873 720	16	0.126 280	9.903 572	6	215	
786	9.777 302	10	9.873 736	16	0.126 264	9.903 566	5	214	
787	9.777 312	10	9.873 752	15	0.126 248	9.903 561	6	213	
788	9.777 322	10	9.873 767	16	0.126 233	9.903 555	6	212	
789	9.777 332	11	9.873 783	16	0.126 217	9.903 549	5	211	
.790	9.777 343	10	9.873 799	16	0.126 201	9.903 544	6	.210	
791	9.777 353	10	9.873 815	16	0.126 185	9.903 538	6	209	
792	9.777 363	10	9.873 831	15	0.126 169	9.903 532	5	208	
793	9.777 373	10	9.873 846	16	0.126 154	9.903 527	6	207	
794	9.777 383	10	9.873 862	16	0.126 138	9.903 521	6	206	
795	9.777 393	10	9.873 878	16	0.126 122	9.903 515	5	205	
796	9.777 403	11	9.873 894	15	0.126 106	9.903 510	6	204	
797	9.777 414	10	9.873 910	16	0.126 090	9.903 504	6	203	
798	9.777 424	10	9.873 925	16	0.126 075	9.903 498	5	202	
799	9.777 434	10	9.873 941	16	0.126 059	9.903 493	6	201	
.800	9.777 444	10	9.873 957	16	0.126 043	9.903 487	5	.200	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.250 — 53°.200

36°.800 — 36°.850

36°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.777 444		9.873 957		0.126 043	9.903 487		.200	
801	9.777 454	10	9.873 973	16	0.126 027	9.903 481	6	199	
802	9.777 464	10	9.873 989	16	0.126 011	9.903 476	5	198	
803	9.777 474	10	9.874 004	15	0.125 996	9.903 470	6	197	
804	9.777 484	10	9.874 020	16	0.125 980	9.903 464	6	196	
805	9.777 495	11	9.874 036	16	0.125 964	9.903 458	6	195	
806	9.777 505	10	9.874 052	16	0.125 948	9.903 453	5	194	
807	9.777 515	10	9.874 068	16	0.125 932	9.903 447	6	193	
808	9.777 525	10	9.874 084	16	0.125 916	9.903 441	5	192	
809	9.777 535	10	9.874 099	15	0.125 901	9.903 436	5	191	
.810	9.777 545	10	9.874 115	16	0.125 885	9.903 430	6	.190	
811	9.777 555	10	9.874 131	16	0.125 869	9.903 424	6	189	
812	9.777 565	10	9.874 147	16	0.125 853	9.903 419	5	188	
813	9.777 576	11	9.874 163	16	0.125 837	9.903 413	6	187	
814	9.777 586	10	9.874 178	15	0.125 822	9.903 407	6	186	
815	9.777 596	10	9.874 194	16	0.125 806	9.903 402	5	185	
816	9.777 606	10	9.874 210	16	0.125 790	9.903 396	6	184	
817	9.777 616	10	9.874 226	16	0.125 774	9.903 390	6	183	
818	9.777 626	10	9.874 242	16	0.125 758	9.903 385	5	182	
819	9.777 636	10	9.874 257	15	0.125 743	9.903 379	6	181	
.820	9.777 647	11	9.874 273	16	0.125 727	9.903 373	6	.180	
821	9.777 657	10	9.874 289	16	0.125 711	9.903 368	5	179	
822	9.777 667	10	9.874 305	16	0.125 695	9.903 362	6	178	
823	9.777 677	10	9.874 321	16	0.125 679	9.903 356	6	177	
824	9.777 687	10	9.874 336	15	0.125 664	9.903 351	5	176	
825	9.777 697	10	9.874 352	16	0.125 648	9.903 345	6	175	
826	9.777 707	10	9.874 368	16	0.125 632	9.903 339	6	174	
827	9.777 717	10	9.874 384	16	0.125 616	9.903 334	5	173	
828	9.777 727	10	9.874 399	15	0.125 601	9.903 328	6	172	
829	9.777 738	11	9.874 415	16	0.125 585	9.903 322	6	171	
.830	9.777 748	10	9.874 431	16	0.125 569	9.903 317	5	.170	
831	9.777 758	10	9.874 447	16	0.125 553	9.903 311	6	169	
832	9.777 768	10	9.874 463	16	0.125 537	9.903 305	6	168	
833	9.777 778	10	9.874 478	15	0.125 522	9.903 300	5	167	
834	9.777 788	10	9.874 494	16	0.125 506	9.903 294	6	166	
835	9.777 798	10	9.874 510	16	0.125 490	9.903 288	6	165	
836	9.777 808	10	9.874 526	16	0.125 474	9.903 283	5	164	
837	9.777 819	11	9.874 542	16	0.125 458	9.903 277	6	163	
838	9.777 829	10	9.874 557	15	0.125 443	9.903 271	6	162	
839	9.777 839	10	9.874 573	16	0.125 427	9.903 266	5	161	
.840	9.777 849	10	9.874 589	16	0.125 411	9.903 260	6	.160	
841	9.777 859	10	9.874 605	16	0.125 395	9.903 254	6	159	
842	9.777 869	10	9.874 621	16	0.125 379	9.903 249	5	158	
843	9.777 879	10	9.874 636	15	0.125 364	9.903 243	6	157	
844	9.777 889	10	9.874 652	16	0.125 348	9.903 237	6	156	
845	9.777 900	11	9.874 668	16	0.125 332	9.903 231	6	155	
846	9.777 910	10	9.874 684	16	0.125 316	9.903 226	5	154	
847	9.777 920	10	9.874 700	16	0.125 300	9.903 220	6	153	
848	9.777 930	10	9.874 715	15	0.125 285	9.903 214	6	152	
849	9.777 940	10	9.874 731	16	0.125 269	9.903 209	5	151	
.850	9.777 950	10	9.874 747	16	0.125 253	9.903 203	6	.150	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.200 — 53°.150

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
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4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
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4	2.4	2.0
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8	4.8	4.0
9	5.4	4.5

36°.850 — 36°.900

36°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.777 950		9.874 747		0.125 253	9.903 203		.150	
851	9.777 960	10	9.874 763	16	0.125 237	9.903 197	6	149	
852	9.777 970	10	9.874 779	16	0.125 221	9.903 192	5	148	
853	9.777 980	10	9.874 794	15	0.125 206	9.903 186	6	147	
		11		16			6		
854	9.777 991	10	9.874 810	16	0.125 190	9.903 180	5	146	
855	9.778 001	10	9.874 826	16	0.125 174	9.903 175	6	145	
856	9.778 011	10	9.874 842	16	0.125 158	9.903 169	6	144	
		10		16			6		
857	9.778 021	10	9.874 858	15	0.125 142	9.903 163	5	143	
858	9.778 031	10	9.874 873	16	0.125 127	9.903 158	6	142	
859	9.778 041	10	9.874 889	16	0.125 111	9.903 152	6	141	
.860	9.778 051	10	9.874 905	16	0.125 095	9.903 146	5	.140	
		10		16			6		
861	9.778 061	10	9.874 921	16	0.125 079	9.903 141	6	139	
862	9.778 071	11	9.874 937	15	0.125 063	9.903 135	6	138	
863	9.778 082	10	9.874 952	16	0.125 048	9.903 129	5	137	
		10		16			6		
864	9.778 092	10	9.874 968	16	0.125 032	9.903 124	6	136	
865	9.778 102	10	9.874 984	16	0.125 016	9.903 118	6	135	
866	9.778 112	10	9.875 000	16	0.125 000	9.903 112	6	134	
		10		16			6		
867	9.778 122	10	9.875 016	15	0.124 984	9.903 106	5	133	
868	9.778 132	10	9.875 031	16	0.124 969	9.903 101	6	132	
869	9.778 142	10	9.875 047	16	0.124 953	9.903 095	6	131	
		10		16			6		
.870	9.778 152	10	9.875 063	16	0.124 937	9.903 089	5	.130	
		10		16			6		
871	9.778 162	10	9.875 079	15	0.124 921	9.903 084	6	129	
872	9.778 172	11	9.875 094	16	0.124 906	9.903 078	6	128	
873	9.778 183	10	9.875 110	16	0.124 890	9.903 072	5	127	
		10		16			6		
874	9.778 193	10	9.875 126	16	0.124 874	9.903 067	6	126	
875	9.778 203	10	9.875 142	16	0.124 858	9.903 061	6	125	
876	9.778 213	10	9.875 158	16	0.124 842	9.903 055	6	124	
		10		15			5		
877	9.778 223	10	9.875 173	16	0.124 827	9.903 050	6	123	
878	9.778 233	10	9.875 189	16	0.124 811	9.903 044	6	122	
879	9.778 243	10	9.875 205	16	0.124 795	9.903 038	6	121	
		10		16			5		
.880	9.778 253	10	9.875 221	16	0.124 779	9.903 033	6	.120	
		11		15			6		
881	9.778 263	10	9.875 237	16	0.124 763	9.903 027	6	119	
882	9.778 274	10	9.875 252	16	0.124 748	9.903 021	6	118	
883	9.778 284	10	9.875 268	16	0.124 732	9.903 015	5	117	
		10		16			6		
884	9.778 294	10	9.875 284	16	0.124 716	9.903 010	6	116	
885	9.778 304	10	9.875 300	16	0.124 700	9.903 004	6	115	
886	9.778 314	10	9.875 316	15	0.124 684	9.902 998	5	114	
		10		16			6		
887	9.778 324	10	9.875 331	16	0.124 669	9.902 993	6	113	
888	9.778 334	10	9.875 347	16	0.124 653	9.902 987	6	112	
889	9.778 344	10	9.875 363	16	0.124 637	9.902 981	5	111	
.890	9.778 354	10	9.875 379	15	0.124 621	9.902 976	6	.110	
		11		16			6		
891	9.778 364	10	9.875 394	16	0.124 606	9.902 970	5	109	
892	9.778 375	10	9.875 410	16	0.124 590	9.902 964	6	108	
893	9.778 385	10	9.875 426	16	0.124 574	9.902 959	6	107	
		10		16			6		
894	9.778 395	10	9.875 442	16	0.124 558	9.902 953	6	106	
895	9.778 405	10	9.875 458	15	0.124 542	9.902 947	5	105	
896	9.778 415	10	9.875 473	16	0.124 527	9.902 942	6	104	
		10		16			6		
897	9.778 425	10	9.875 489	16	0.124 511	9.902 936	6	103	
898	9.778 435	10	9.875 505	16	0.124 495	9.902 930	6	102	
899	9.778 445	10	9.875 521	16	0.124 479	9.902 924	5	101	
		10		16			5		
.900	9.778 455		9.875 537		0.124 463	9.902 919		.100	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.150 — 53°.100

36°.900 — 36°.950

36°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.778 455	10	9.875 537	15	0.124 463	9.902 919	6	.100	
901	9.778 465	11	9.875 552	16	0.124 448	9.902 913	6	099	
902	9.778 476	10	9.875 568	16	0.124 432	9.902 907	5	098	
903	9.778 486	10	9.875 584	16	0.124 416	9.902 902	6	097	
904	9.778 496	10	9.875 600	15	0.124 400	9.902 896	6	096	
905	9.778 506	10	9.875 615	16	0.124 385	9.902 890	5	095	
906	9.778 516	10	9.875 631	16	0.124 369	9.902 885	6	094	
907	9.778 526	10	9.875 647	16	0.124 353	9.902 879	6	093	
908	9.778 536	10	9.875 663	16	0.124 337	9.902 873	5	092	
909	9.778 546	10	9.875 679	15	0.124 321	9.902 868	6	091	
.910	9.778 556	10	9.875 694	16	0.124 306	9.902 862	6	.090	
911	9.778 566	10	9.875 710	16	0.124 290	9.902 856	6	089	
912	9.778 576	11	9.875 726	16	0.124 274	9.902 850	5	088	
913	9.778 587	10	9.875 742	16	0.124 258	9.902 845	6	087	
914	9.778 597	10	9.875 758	15	0.124 242	9.902 839	6	086	
915	9.778 607	10	9.875 773	16	0.124 227	9.902 833	5	085	
916	9.778 617	10	9.875 789	16	0.124 211	9.902 828	6	084	
917	9.778 627	10	9.875 805	16	0.124 195	9.902 822	6	083	
918	9.778 637	10	9.875 821	15	0.124 179	9.902 816	5	082	
919	9.778 647	10	9.875 836	16	0.124 164	9.902 811	6	081	
.920	9.778 657	10	9.875 852	16	0.124 148	9.902 805	6	.080	
921	9.778 667	10	9.875 868	16	0.124 132	9.902 799	5	079	
922	9.778 677	10	9.875 884	16	0.124 116	9.902 794	6	078	
923	9.778 687	10	9.875 900	15	0.124 100	9.902 788	6	077	
924	9.778 697	11	9.875 915	16	0.124 085	9.902 782	6	076	
925	9.778 708	10	9.875 931	16	0.124 069	9.902 776	5	075	
926	9.778 718	10	9.875 947	16	0.124 053	9.902 771	6	074	
927	9.778 728	10	9.875 963	16	0.124 037	9.902 765	6	073	
928	9.778 738	10	9.875 979	15	0.124 021	9.902 759	5	072	
929	9.778 748	10	9.875 994	16	0.124 006	9.902 754	6	071	
.930	9.778 758	10	9.876 010	16	0.123 990	9.902 748	6	.070	
931	9.778 768	10	9.876 026	16	0.123 974	9.902 742	5	069	
932	9.778 778	10	9.876 042	15	0.123 958	9.902 737	6	068	
933	9.778 788	10	9.876 057	16	0.123 943	9.902 731	6	067	
934	9.778 798	10	9.876 073	16	0.123 927	9.902 725	5	066	
935	9.778 808	11	9.876 089	16	0.123 911	9.902 719	6	065	
936	9.778 819	10	9.876 105	16	0.123 895	9.902 714	6	064	
937	9.778 829	10	9.876 121	15	0.123 879	9.902 708	5	063	
938	9.778 839	10	9.876 136	16	0.123 864	9.902 702	6	062	
939	9.778 849	10	9.876 152	16	0.123 848	9.902 697	5	061	
.940	9.778 859	10	9.876 168	16	0.123 832	9.902 691	6	.060	
941	9.778 869	10	9.876 184	15	0.123 816	9.902 685	6	059	
942	9.778 879	10	9.876 199	16	0.123 801	9.902 680	5	058	
943	9.778 889	10	9.876 215	16	0.123 785	9.902 674	6	057	
944	9.778 899	10	9.876 231	16	0.123 769	9.902 668	6	056	
945	9.778 909	10	9.876 247	16	0.123 753	9.902 662	5	055	
946	9.778 919	10	9.876 263	15	0.123 737	9.902 657	6	054	
947	9.778 929	10	9.876 278	16	0.123 722	9.902 651	6	053	
948	9.778 939	11	9.876 294	16	0.123 706	9.902 645	5	052	
949	9.778 950	10	9.876 310	16	0.123 690	9.902 640	6	051	
.950	9.778 960	10	9.876 326	16	0.123 674	9.902 634	6	.050	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.100 — 53°.050

	16	15
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9	14.4	13.5

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8	8.8	8.0
9	9.9	9.0

	6	5
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3	1.8	1.5
4	2.4	2.0
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8	4.8	4.0
9	5.4	4.5

36°.950 — 37°.000

36°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.778 960		9.876 326		0.123 674	9.902 634		.050	
951	9.778 970	10	9.876 341	15	0.123 659	9.902 628	6	049	
952	9.778 980	10	9.876 357	16	0.123 643	9.902 623	5	048	
953	9.778 990	10	9.876 373	16	0.123 627	9.902 617	6	047	
954	9.779 000	10	9.876 389	16	0.123 611	9.902 611	6	046	
955	9.779 010	10	9.876 405	16	0.123 595	9.902 605	6	045	
956	9.779 020	10	9.876 420	15	0.123 580	9.902 600	5	044	
957	9.779 030	10	9.876 436	16	0.123 564	9.902 594	6	043	
958	9.779 040	10	9.876 452	16	0.123 548	9.902 588	6	042	
959	9.779 050	10	9.876 468	16	0.123 532	9.902 583	5	041	
.960	9.779 060	10	9.876 483	15	0.123 517	9.902 577	6	.040	
961	9.779 070	10	9.876 499	16	0.123 501	9.902 571	6	039	
962	9.779 081	11	9.876 515	16	0.123 485	9.902 566	5	038	
963	9.779 091	10	9.876 531	16	0.123 469	9.902 560	6	037	
964	9.779 101	10	9.876 547	16	0.123 453	9.902 554	6	036	
965	9.779 111	10	9.876 562	15	0.123 438	9.902 548	6	035	
966	9.779 121	10	9.876 578	16	0.123 422	9.902 543	5	034	
967	9.779 131	10	9.876 594	16	0.123 406	9.902 537	6	033	
968	9.779 141	10	9.876 610	16	0.123 390	9.902 531	6	032	
969	9.779 151	10	9.876 625	15	0.123 375	9.902 526	5	031	
.970	9.779 161	10	9.876 641	16	0.123 359	9.902 520	6	.030	
971	9.779 171	10	9.876 657	16	0.123 343	9.902 514	6	029	
972	9.779 181	10	9.876 673	16	0.123 327	9.902 508	6	028	
973	9.779 191	10	9.876 689	16	0.123 311	9.902 503	5	027	
974	9.779 201	10	9.876 704	15	0.123 296	9.902 497	6	026	
975	9.779 211	10	9.876 720	16	0.123 280	9.902 491	6	025	
976	9.779 222	11	9.876 736	16	0.123 264	9.902 486	5	024	
977	9.779 232	10	9.876 752	16	0.123 248	9.902 480	6	023	
978	9.779 242	10	9.876 767	15	0.123 233	9.902 474	6	022	
979	9.779 252	10	9.876 783	16	0.123 217	9.902 469	5	021	
.980	9.779 262	10	9.876 799	16	0.123 201	9.902 463	6	.020	
981	9.779 272	10	9.876 815	16	0.123 185	9.902 457	6	019	
982	9.779 282	10	9.876 831	16	0.123 169	9.902 451	6	018	
983	9.779 292	10	9.876 846	15	0.123 154	9.902 446	5	017	
984	9.779 302	10	9.876 862	16	0.123 138	9.902 440	6	016	
985	9.779 312	10	9.876 878	16	0.123 122	9.902 434	6	015	
986	9.779 322	10	9.876 894	16	0.123 106	9.902 429	5	014	
987	9.779 332	10	9.876 909	15	0.123 091	9.902 423	6	013	
988	9.779 342	10	9.876 925	16	0.123 075	9.902 417	6	012	
989	9.779 352	10	9.876 941	16	0.123 059	9.902 411	6	011	
.990	9.779 362	10	9.876 957	16	0.123 043	9.902 406	5	.010	
991	9.779 372	10	9.876 972	15	0.123 028	9.902 400	6	009	
992	9.779 383	11	9.876 988	16	0.123 012	9.902 394	6	008	
993	9.779 393	10	9.877 004	16	0.122 996	9.902 389	5	007	
994	9.779 403	10	9.877 020	16	0.122 980	9.902 383	6	006	
995	9.779 413	10	9.877 036	16	0.122 964	9.902 377	6	005	
996	9.779 423	10	9.877 051	15	0.122 949	9.902 371	6	004	
997	9.779 433	10	9.877 067	16	0.122 933	9.902 366	5	003	
998	9.779 443	10	9.877 083	16	0.122 917	9.902 360	6	002	
999	9.779 453	10	9.877 099	16	0.122 901	9.902 354	6	001	
*.000	9.779 463	10	9.877 114	15	0.122 886	9.902 349	5	.000	
	cos	d	cotg	d	tang	sin	d	53°	P.P.

53°.050 — 53°.000

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8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
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5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.000 — 37°.050

37°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.779 463		9.877 114		0.122 886	9.902 349		*.000	
001	9.779 473	10	9.877 130	16	0.122 870	9.902 343	6	999	
002	9.779 483	10	9.877 146	16	0.122 854	9.902 337	6	998	
003	9.779 493	10	9.877 162	16	0.122 838	9.902 331	6	997	
004	9.779 503	10	9.877 177	15	0.122 823	9.902 326	5	996	
005	9.779 513	10	9.877 193	16	0.122 807	9.902 320	6	995	
006	9.779 523	10	9.877 209	16	0.122 791	9.902 314	6	994	
007	9.779 533	10	9.877 225	16	0.122 775	9.902 309	5	993	
008	9.779 543	10	9.877 241	16	0.122 759	9.902 303	6	992	
009	9.779 554	11	9.877 256	15	0.122 744	9.902 297	6	991	
.010	9.779 564	10	9.877 272	16	0.122 728	9.902 291	6	.990	
011	9.779 574	10	9.877 288	16	0.122 712	9.902 286	5	989	
012	9.779 584	10	9.877 304	16	0.122 696	9.902 280	6	988	
013	9.779 594	10	9.877 319	15	0.122 681	9.902 274	6	987	
014	9.779 604	10	9.877 335	16	0.122 665	9.902 269	5	986	
015	9.779 614	10	9.877 351	16	0.122 649	9.902 263	6	985	
016	9.779 624	10	9.877 367	16	0.122 633	9.902 257	6	984	
017	9.779 634	10	9.877 382	15	0.122 618	9.902 251	6	983	
018	9.779 644	10	9.877 398	16	0.122 602	9.902 246	5	982	
019	9.779 654	10	9.877 414	16	0.122 586	9.902 240	6	981	
.020	9.779 664	10	9.877 430	16	0.122 570	9.902 234	6	.980	
021	9.779 674	10	9.877 446	16	0.122 554	9.902 229	5	979	
022	9.779 684	10	9.877 461	15	0.122 539	9.902 223	6	978	
023	9.779 694	10	9.877 477	16	0.122 523	9.902 217	6	977	
024	9.779 704	10	9.877 493	16	0.122 507	9.902 211	6	976	
025	9.779 714	10	9.877 509	16	0.122 491	9.902 206	5	975	
026	9.779 724	10	9.877 524	15	0.122 476	9.902 200	6	974	
027	9.779 734	10	9.877 540	16	0.122 460	9.902 194	6	973	
028	9.779 745	11	9.877 556	16	0.122 444	9.902 189	5	972	
029	9.779 755	10	9.877 572	16	0.122 428	9.902 183	6	971	
.030	9.779 765	10	9.877 587	15	0.122 413	9.902 177	6	.970	
031	9.779 775	10	9.877 603	16	0.122 397	9.902 171	6	969	
032	9.779 785	10	9.877 619	16	0.122 381	9.902 166	5	968	
033	9.779 795	10	9.877 635	16	0.122 365	9.902 160	6	967	
034	9.779 805	10	9.877 651	16	0.122 349	9.902 154	6	966	
035	9.779 815	10	9.877 666	15	0.122 334	9.902 149	5	965	
036	9.779 825	10	9.877 682	16	0.122 318	9.902 143	6	964	
037	9.779 835	10	9.877 698	16	0.122 302	9.902 137	6	963	
038	9.779 845	10	9.877 714	16	0.122 286	9.902 131	6	962	
039	9.779 855	10	9.877 729	15	0.122 271	9.902 126	5	961	
.040	9.779 865	10	9.877 745	16	0.122 255	9.902 120	6	.960	
041	9.779 875	10	9.877 761	16	0.122 239	9.902 114	6	959	
042	9.779 885	10	9.877 777	16	0.122 223	9.902 109	5	958	
043	9.779 895	10	9.877 792	15	0.122 208	9.902 103	6	957	
044	9.779 905	10	9.877 808	16	0.122 192	9.902 097	6	956	
045	9.779 915	10	9.877 824	16	0.122 176	9.902 091	6	955	
046	9.779 925	10	9.877 840	16	0.122 160	9.902 086	5	954	
047	9.779 935	10	9.877 855	15	0.122 145	9.902 080	6	953	
048	9.779 945	10	9.877 871	16	0.122 129	9.902 074	6	952	
049	9.779 955	10	9.877 887	16	0.122 113	9.902 068	6	951	
.050	9.779 966	11	9.877 903	16	0.122 097	9.902 063	5	.950	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

53°.000 — 52°.950

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	11	10
1	1.1	1.0
2	2.2	2.0
3	3.3	3.0
4	4.4	4.0
5	5.5	5.0
6	6.6	6.0
7	7.7	7.0
8	8.8	8.0
9	9.9	9.0

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.050 — 37°.100

37°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.779 966		9.877 903		0.122 097	9.902 063		.950	
051	9.779 976	10	9.877 919	16	0.122 081	9.902 057	6	949	
052	9.779 986	10	9.877 934	15	0.122 066	9.902 051	6	948	
053	9.779 996	10	9.877 950	16	0.122 050	9.902 046	5	947	
		10		16			6		
054	9.780 006	10	9.877 966	16	0.122 034	9.902 040	6	946	
055	9.780 016	10	9.877 982	16	0.122 018	9.902 034	6	945	
056	9.780 026	10	9.877 997	15	0.122 003	9.902 028	6	944	
		10		16			5		
057	9.780 036	10	9.878 013	16	0.121 987	9.902 023	6	943	
058	9.780 046	10	9.878 029	16	0.121 971	9.902 017	6	942	
059	9.780 056	10	9.878 045	16	0.121 955	9.902 011	6	941	
		10		15			5		
.060	9.780 066		9.878 060		0.121 940	9.902 006		.940	
		10		16			6		
061	9.780 076	10	9.878 076	16	0.121 924	9.902 000	6	939	
062	9.780 086	10	9.878 092	16	0.121 908	9.901 994	6	938	
063	9.780 096	10	9.878 108	16	0.121 892	9.901 988	6	937	
		10		15			5		
064	9.780 106	10	9.878 123	16	0.121 877	9.901 983	6	936	
065	9.780 116	10	9.878 139	16	0.121 861	9.901 977	6	935	
066	9.780 126	10	9.878 155	16	0.121 845	9.901 971	6	934	
		10		16			6		
067	9.780 136	10	9.878 171	15	0.121 829	9.901 965	5	933	
068	9.780 146	10	9.878 186	15	0.121 814	9.901 960	5	932	
069	9.780 156	10	9.878 202	16	0.121 798	9.901 954	6	931	
		10		16			6		
.070	9.780 166		9.878 218		0.121 782	9.901 948		.930	
		10		16			5		
071	9.780 176	10	9.878 234	15	0.121 766	9.901 943	6	929	
072	9.780 186	10	9.878 249	16	0.121 751	9.901 937	6	928	
073	9.780 196	10	9.878 265	16	0.121 735	9.901 931	6	927	
		10		16			6		
074	9.780 206	10	9.878 281	16	0.121 719	9.901 925	5	926	
075	9.780 216	10	9.878 297	16	0.121 703	9.901 920	6	925	
076	9.780 226	10	9.878 313	16	0.121 687	9.901 914	6	924	
		10		15			6		
077	9.780 236	11	9.878 328	16	0.121 672	9.901 908	6	923	
078	9.780 247	10	9.878 344	16	0.121 656	9.901 902	6	922	
079	9.780 257	10	9.878 360	16	0.121 640	9.901 897	5	921	
		10		16			6		
.080	9.780 267		9.878 376		0.121 624	9.901 891		.920	
		10		15			6		
081	9.780 277	10	9.878 391	16	0.121 609	9.901 885	5	919	
082	9.780 287	10	9.878 407	16	0.121 593	9.901 880	6	918	
083	9.780 297	10	9.878 423	16	0.121 577	9.901 874	6	917	
		10		16			6		
084	9.780 307	10	9.878 439	15	0.121 561	9.901 868	6	916	
085	9.780 317	10	9.878 454	16	0.121 546	9.901 862	5	915	
086	9.780 327	10	9.878 470	16	0.121 530	9.901 857	6	914	
		10		16			6		
087	9.780 337	10	9.878 486	16	0.121 514	9.901 851	6	913	
088	9.780 347	10	9.878 502	15	0.121 498	9.901 845	6	912	
089	9.780 357	10	9.878 517	15	0.121 483	9.901 839	6	911	
		10		16			5		
.090	9.780 367		9.878 533		0.121 467	9.901 834		.910	
		10		16			6		
091	9.780 377	10	9.878 549	16	0.121 451	9.901 828	6	909	
092	9.780 387	10	9.878 565	16	0.121 435	9.901 822	6	908	
093	9.780 397	10	9.878 580	15	0.121 420	9.901 817	5	907	
		10		16			6		
094	9.780 407	10	9.878 596	16	0.121 404	9.901 811	6	906	
095	9.780 417	10	9.878 612	16	0.121 388	9.901 805	6	905	
096	9.780 427	10	9.878 628	16	0.121 372	9.901 799	6	904	
		10		15			5		
097	9.780 437	10	9.878 643	16	0.121 357	9.901 794	6	903	
098	9.780 447	10	9.878 659	16	0.121 341	9.901 788	6	902	
099	9.780 457	10	9.878 675	16	0.121 325	9.901 782	6	901	
		10		16			6		
.100	9.780 467		9.878 691		0.121 309	9.901 776		.900	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.950 — 52°.900

37°.100 — 37°.150

37°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.780 467		9.878 691		0.121 309	9.901 776		.900	
101	9.780 477	10	9.878 706	15	0.121 294	9.901 771	5	899	
102	9.780 487	10	9.878 722	16	0.121 278	9.901 765	6	898	
103	9.780 497	10	9.878 738	16	0.121 262	9.901 759	6	897	
104	9.780 507	10	9.878 754	16	0.121 246	9.901 753	6	896	
105	9.780 517	10	9.878 769	15	0.121 231	9.901 748	5	895	
106	9.780 527	10	9.878 785	16	0.121 215	9.901 742	6	894	
107	9.780 537	10	9.878 801	16	0.121 199	9.901 736	6	893	
108	9.780 547	10	9.878 817	16	0.121 183	9.901 731	5	892	
109	9.780 557	10	9.878 832	15	0.121 168	9.901 725	6	891	
.110	9.780 567	10	9.878 848	16	0.121 152	9.901 719	6	.890	
111	9.780 577	10	9.878 864	16	0.121 136	9.901 713	6	889	
112	9.780 587	10	9.878 880	16	0.121 120	9.901 708	5	888	
113	9.780 597	10	9.878 895	15	0.121 105	9.901 702	6	887	
114	9.780 607	10	9.878 911	16	0.121 089	9.901 696	6	886	
115	9.780 617	10	9.878 927	16	0.121 073	9.901 690	6	885	
116	9.780 627	10	9.878 943	16	0.121 057	9.901 685	5	884	
117	9.780 637	10	9.878 959	16	0.121 041	9.901 679	6	883	
118	9.780 647	10	9.878 974	15	0.121 026	9.901 673	6	882	
119	9.780 657	10	9.878 990	16	0.121 010	9.901 667	6	881	
.120	9.780 667	10	9.879 006	16	0.120 994	9.901 662	5	.880	
121	9.780 677	10	9.879 022	16	0.120 978	9.901 656	6	879	
122	9.780 687	10	9.879 037	15	0.120 963	9.901 650	6	878	
123	9.780 698	11	9.879 053	16	0.120 947	9.901 644	6	877	
124	9.780 708	10	9.879 069	16	0.120 931	9.901 639	5	876	
125	9.780 718	10	9.879 085	16	0.120 915	9.901 633	6	875	
126	9.780 728	10	9.879 100	15	0.120 900	9.901 627	6	874	
127	9.780 738	10	9.879 116	16	0.120 884	9.901 622	5	873	
128	9.780 748	10	9.879 132	16	0.120 868	9.901 616	6	872	
129	9.780 758	10	9.879 148	16	0.120 852	9.901 610	6	871	
.130	9.780 768	10	9.879 163	15	0.120 837	9.901 604	6	.870	
131	9.780 778	10	9.879 179	16	0.120 821	9.901 599	5	869	
132	9.780 788	10	9.879 195	16	0.120 805	9.901 593	6	868	
133	9.780 798	10	9.879 211	16	0.120 789	9.901 587	6	867	
134	9.780 808	10	9.879 226	15	0.120 774	9.901 581	6	866	
135	9.780 818	10	9.879 242	16	0.120 758	9.901 576	5	865	
136	9.780 828	10	9.879 258	16	0.120 742	9.901 570	6	864	
137	9.780 838	10	9.879 274	16	0.120 726	9.901 564	6	863	
138	9.780 848	10	9.879 289	15	0.120 711	9.901 558	6	862	
139	9.780 858	10	9.879 305	16	0.120 695	9.901 553	5	861	
.140	9.780 868	10	9.879 321	16	0.120 679	9.901 547	6	.860	
141	9.780 878	10	9.879 337	16	0.120 663	9.901 541	6	859	
142	9.780 888	10	9.879 352	15	0.120 648	9.901 535	6	858	
143	9.780 898	10	9.879 368	16	0.120 632	9.901 530	5	857	
144	9.780 908	10	9.879 384	16	0.120 616	9.901 524	6	856	
145	9.780 918	10	9.879 400	16	0.120 600	9.901 518	6	855	
146	9.780 928	10	9.879 415	15	0.120 585	9.901 512	6	854	
147	9.780 938	10	9.879 431	16	0.120 569	9.901 507	5	853	
148	9.780 948	10	9.879 447	16	0.120 553	9.901 501	6	852	
149	9.780 958	10	9.879 462	15	0.120 538	9.901 495	6	851	
.150	9.780 968	10	9.879 478	16	0.120 522	9.901 490	5	.850	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.900 — 52°.850

37°.150 — 37°.200

37°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.780 968		9.879 478		0.120 522	9.901 490		.850	
151	9.780 978	10	9.879 494	16	0.120 506	9.901 484	6	849	
152	9.780 988	10	9.879 510	16	0.120 490	9.901 478	6	848	
153	9.780 998	10	9.879 525	15	0.120 475	9.901 472	6	847	
154	9.781 008	10	9.879 541	16	0.120 459	9.901 467	5	846	
155	9.781 018	10	9.879 557	16	0.120 443	9.901 461	6	845	
156	9.781 028	10	9.879 573	16	0.120 427	9.901 455	6	844	
157	9.781 038	10	9.879 588	15	0.120 412	9.901 449	6	843	
158	9.781 048	10	9.879 604	16	0.120 396	9.901 444	5	842	
159	9.781 058	10	9.879 620	16	0.120 380	9.901 438	6	841	
.160	9.781 068	10	9.879 636	16	0.120 364	9.901 432	6	.840	
161	9.781 078	10	9.879 651	15	0.120 349	9.901 426	6	839	
162	9.781 088	10	9.879 667	16	0.120 333	9.901 421	5	838	
163	9.781 098	10	9.879 683	16	0.120 317	9.901 415	6	837	
164	9.781 108	10	9.879 699	16	0.120 301	9.901 409	6	836	
165	9.781 118	10	9.879 714	15	0.120 286	9.901 403	6	835	
166	9.781 128	10	9.879 730	16	0.120 270	9.901 398	5	834	
167	9.781 138	10	9.879 746	16	0.120 254	9.901 392	6	833	
168	9.781 148	10	9.879 762	16	0.120 238	9.901 386	6	832	
169	9.781 158	10	9.879 777	15	0.120 223	9.901 380	6	831	
.170	9.781 168	10	9.879 793	16	0.120 207	9.901 375	5	.830	
171	9.781 178	10	9.879 809	16	0.120 191	9.901 369	6	829	
172	9.781 188	10	9.879 825	16	0.120 175	9.901 363	6	828	
173	9.781 198	10	9.879 840	15	0.120 160	9.901 357	6	827	
174	9.781 208	10	9.879 856	16	0.120 144	9.901 352	5	826	
175	9.781 218	10	9.879 872	16	0.120 128	9.901 346	6	825	
176	9.781 228	10	9.879 888	16	0.120 112	9.901 340	6	824	
177	9.781 238	10	9.879 903	15	0.120 097	9.901 334	6	823	
178	9.781 248	10	9.879 919	16	0.120 081	9.901 329	5	822	
179	9.781 258	10	9.879 935	16	0.120 065	9.901 323	6	821	
.180	9.781 268	10	9.879 951	16	0.120 049	9.901 317	6	.820	
181	9.781 278	10	9.879 966	15	0.120 034	9.901 311	6	819	
182	9.781 288	10	9.879 982	16	0.120 018	9.901 306	5	818	
183	9.781 298	10	9.879 998	16	0.120 002	9.901 300	6	817	
184	9.781 308	10	9.880 014	16	0.119 986	9.901 294	6	816	
185	9.781 318	10	9.880 029	15	0.119 971	9.901 288	6	815	
186	9.781 328	10	9.880 045	16	0.119 955	9.901 283	5	814	
187	9.781 338	10	9.880 061	16	0.119 939	9.901 277	6	813	
188	9.781 348	10	9.880 077	16	0.119 923	9.901 271	6	812	
189	9.781 358	10	9.880 092	15	0.119 908	9.901 265	6	811	
.190	9.781 368	10	9.880 108	16	0.119 892	9.901 260	5	.810	
191	9.781 378	10	9.880 124	16	0.119 876	9.901 254	6	809	
192	9.781 388	10	9.880 139	15	0.119 861	9.901 248	6	808	
193	9.781 398	10	9.880 155	16	0.119 845	9.901 242	6	807	
194	9.781 408	10	9.880 171	16	0.119 829	9.901 237	5	806	
195	9.781 418	10	9.880 187	16	0.119 813	9.901 231	6	805	
196	9.781 428	10	9.880 202	15	0.119 798	9.901 225	6	804	
197	9.781 438	10	9.880 218	16	0.119 782	9.901 219	6	803	
198	9.781 448	10	9.880 234	16	0.119 766	9.901 214	5	802	
199	9.781 458	10	9.880 250	16	0.119 750	9.901 208	6	801	
.200	9.781 468	10	9.880 265	15	0.119 735	9.901 202	6	.800	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

37°.200 — 37°.250

37°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.781 468		9.880 265		0.119 735	9.901 202		.800	
201	9.781 477	9	9.880 281	16	0.119 719	9.901 196	6	799	
202	9.781 487	10	9.880 297	16	0.119 703	9.901 191	5	798	
203	9.781 497	10	9.880 313	16	0.119 687	9.901 185	6	797	
		10		15			6		
204	9.781 507	10	9.880 328	16	0.119 672	9.901 179	6	796	
205	9.781 517	10	9.880 344	16	0.119 656	9.901 173	5	795	
206	9.781 527	10	9.880 360	16	0.119 640	9.901 168	6	794	
		10		16			6		
207	9.781 537	10	9.880 376	15	0.119 624	9.901 162	6	793	
208	9.781 547	10	9.880 391	16	0.119 609	9.901 156	6	792	
209	9.781 557	10	9.880 407	16	0.119 593	9.901 150	5	791	
.210	9.781 567	10	9.880 423	16	0.119 577	9.901 145	6	.790	
		10		15			6		
211	9.781 577	10	9.880 439	16	0.119 561	9.901 139	6	789	
212	9.781 587	10	9.880 454	16	0.119 546	9.901 133	6	788	
213	9.781 597	10	9.880 470	16	0.119 530	9.901 127	5	787	
		10		16			6		
214	9.781 607	10	9.880 486	15	0.119 514	9.901 122	6	786	
215	9.781 617	10	9.880 501	16	0.119 499	9.901 116	6	785	
216	9.781 627	10	9.880 517	16	0.119 483	9.901 110	6	784	
		10		16			6		
217	9.781 637	10	9.880 533	16	0.119 467	9.901 104	6	783	
218	9.781 647	10	9.880 549	15	0.119 451	9.901 098	5	782	
219	9.781 657	10	9.880 564	16	0.119 436	9.901 093	6	781	
.220	9.781 667	10	9.880 580	16	0.119 420	9.901 087	6	.780	
		10		16			6		
221	9.781 677	10	9.880 596	16	0.119 404	9.901 081	5	779	
222	9.781 687	10	9.880 612	15	0.119 388	9.901 075	6	778	
223	9.781 697	10	9.880 627	16	0.119 373	9.901 070	6	777	
		10		16			6		
224	9.781 707	10	9.880 643	16	0.119 357	9.901 064	6	776	
225	9.781 717	10	9.880 659	16	0.119 341	9.901 058	6	775	
226	9.781 727	10	9.880 675	15	0.119 325	9.901 052	5	774	
		10		16			6		
227	9.781 737	10	9.880 690	16	0.119 310	9.901 047	6	773	
228	9.781 747	10	9.880 706	16	0.119 294	9.901 041	6	772	
229	9.781 757	10	9.880 722	16	0.119 278	9.901 035	6	771	
.230	9.781 767	10	9.880 738	15	0.119 262	9.901 029	5	.770	
		10		16			6		
231	9.781 777	10	9.880 753	16	0.119 247	9.901 024	6	769	
232	9.781 787	10	9.880 769	16	0.119 231	9.901 018	6	768	
233	9.781 797	10	9.880 785	15	0.119 215	9.901 012	6	767	
		10		16			5		
234	9.781 807	10	9.880 800	16	0.119 200	9.901 006	6	766	
235	9.781 817	10	9.880 816	16	0.119 184	9.901 001	6	765	
236	9.781 827	10	9.880 832	16	0.119 168	9.900 995	6	764	
		10		15			6		
237	9.781 837	10	9.880 848	15	0.119 152	9.900 989	5	763	
238	9.781 847	10	9.880 863	16	0.119 137	9.900 983	6	762	
239	9.781 857	10	9.880 879	16	0.119 121	9.900 978	6	761	
.240	9.781 867	10	9.880 895	16	0.119 105	9.900 972	6	.760	
		10		15			6		
241	9.781 877	10	9.880 911	16	0.119 089	9.900 966	5	759	
242	9.781 887	10	9.880 926	16	0.119 074	9.900 960	6	758	
243	9.781 897	10	9.880 942	16	0.119 058	9.900 955	5	757	
		10		16			6		
244	9.781 907	10	9.880 958	16	0.119 042	9.900 949	6	756	
245	9.781 917	9	9.880 974	15	0.119 026	9.900 943	6	755	
246	9.781 926	10	9.880 989	16	0.119 011	9.900 937	6	754	
		10		16			6		
247	9.781 936	10	9.881 005	16	0.118 995	9.900 931	5	753	
248	9.781 946	10	9.881 021	15	0.118 979	9.900 926	6	752	
249	9.781 956	10	9.881 036	16	0.118 964	9.900 920	6	751	
.250	9.781 966	10	9.881 052	16	0.118 948	9.900 914	6	.750	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.800 — 52°.750

37°.250 — 37°.300

37°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.781 966		9.881 052		0.118 948	9.900 914		.750	
251	9.781 976	10	9.881 068	16	0.118 932	9.900 908	6	749	
252	9.781 986	10	9.881 084	16	0.118 916	9.900 903	5	748	
253	9.781 996	10	9.881 099	15	0.118 901	9.900 897	6	747	
		10		16			6		
254	9.782 006	10	9.881 115	16	0.118 885	9.900 891	6	746	
255	9.782 016	10	9.881 131	16	0.118 869	9.900 885	5	745	
256	9.782 026	10	9.881 147	16	0.118 853	9.900 880	6	744	
		10		15			6		
257	9.782 036	10	9.881 162	16	0.118 838	9.900 874	6	743	
258	9.782 046	10	9.881 178	16	0.118 822	9.900 868	6	742	
259	9.782 056	10	9.881 194	16	0.118 806	9.900 862	5	741	
.260	9.782 066	10	9.881 210	16	0.118 790	9.900 857	6	.740	
		10		15			6		
261	9.782 076	10	9.881 225	16	0.118 775	9.900 851	6	739	
262	9.782 086	10	9.881 241	16	0.118 759	9.900 845	6	738	
263	9.782 096	10	9.881 257	16	0.118 743	9.900 839	6	737	
		10		15			6		
264	9.782 106	10	9.881 272	16	0.118 728	9.900 833	5	736	
265	9.782 116	10	9.881 288	16	0.118 712	9.900 828	6	735	
266	9.782 126	10	9.881 304	16	0.118 696	9.900 822	6	734	
		10		16			6		
267	9.782 136	10	9.881 320	15	0.118 680	9.900 816	6	733	
268	9.782 146	10	9.881 335	16	0.118 665	9.900 810	5	732	
269	9.782 156	10	9.881 351	16	0.118 649	9.900 805	6	731	
		10		16			6		
.270	9.782 166	10	9.881 367	16	0.118 633	9.900 799	6	.730	
		10		15			6		
271	9.782 176	10	9.881 383	16	0.118 617	9.900 793	5	729	
272	9.782 186	10	9.881 398	16	0.118 602	9.900 787	6	728	
273	9.782 196	9	9.881 414	16	0.118 586	9.900 782	6	727	
		10		15			6		
274	9.782 205	10	9.881 430	16	0.118 570	9.900 776	6	726	
275	9.782 215	10	9.881 445	16	0.118 555	9.900 770	6	725	
276	9.782 225	10	9.881 461	16	0.118 539	9.900 764	6	724	
		10		16			6		
277	9.782 235	10	9.881 477	16	0.118 523	9.900 758	5	723	
278	9.782 245	10	9.881 493	15	0.118 507	9.900 753	6	722	
279	9.782 255	10	9.881 508	16	0.118 492	9.900 747	6	721	
		10		16			6		
.280	9.782 265	10	9.881 524	16	0.118 476	9.900 741	6	.720	
		10		16			5		
281	9.782 275	10	9.881 540	15	0.118 460	9.900 735	6	719	
282	9.782 285	10	9.881 556	16	0.118 444	9.900 730	6	718	
283	9.782 295	10	9.881 571	16	0.118 429	9.900 724	6	717	
		10		16			6		
284	9.782 305	10	9.881 587	15	0.118 413	9.900 718	5	716	
285	9.782 315	10	9.881 603	16	0.118 397	9.900 712	6	715	
286	9.782 325	10	9.881 618	16	0.118 382	9.900 707	6	714	
		10		16			6		
287	9.782 335	10	9.881 634	16	0.118 366	9.900 701	6	713	
288	9.782 345	10	9.881 650	16	0.118 350	9.900 695	6	712	
289	9.782 355	10	9.881 666	15	0.118 334	9.900 689	6	711	
		10		16			5		
.290	9.782 365	10	9.881 681	16	0.118 319	9.900 683	6	.710	
		10		16			5		
291	9.782 375	10	9.881 697	16	0.118 303	9.900 678	6	709	
292	9.782 385	10	9.881 713	16	0.118 287	9.900 672	6	708	
293	9.782 395	10	9.881 729	15	0.118 271	9.900 666	6	707	
		10		16			6		
294	9.782 405	10	9.881 744	16	0.118 256	9.900 660	5	706	
295	9.782 415	10	9.881 760	16	0.118 240	9.900 655	6	705	
296	9.782 425	10	9.881 776	15	0.118 224	9.900 649	6	704	
		9		16			6		
297	9.782 434	10	9.881 791	16	0.118 209	9.900 643	6	703	
298	9.782 444	10	9.881 807	16	0.118 193	9.900 637	6	702	
299	9.782 454	10	9.881 823	16	0.118 177	9.900 631	5	701	
		10		16			5		
.300	9.782 464		9.881 839		0.118 161	9.900 626		.700	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.750 — 52°.700

37°.300 — 37°.350

37°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.782 464		9.881 839		0.118 161	9.900 626		.700	
301	9.782 474	10	9.881 854	15	0.118 146	9.900 620	6	699	
302	9.782 484	10	9.881 870	16	0.118 130	9.900 614	6	698	
303	9.782 494	10	9.881 886	16	0.118 114	9.900 608	6	697	
304	9.782 504	10	9.881 902	16	0.118 098	9.900 603	5	696	
305	9.782 514	10	9.881 917	15	0.118 083	9.900 597	6	695	
306	9.782 524	10	9.881 933	16	0.118 067	9.900 591	6	694	
307	9.782 534	10	9.881 949	16	0.118 051	9.900 585	6	693	
308	9.782 544	10	9.881 964	15	0.118 036	9.900 580	5	692	
309	9.782 554	10	9.881 980	16	0.118 020	9.900 574	6	691	
.310	9.782 564	10	9.881 996	16	0.118 004	9.900 568	6	.690	
311	9.782 574	10	9.882 012	16	0.117 988	9.900 562	6	689	
312	9.782 584	10	9.882 027	15	0.117 973	9.900 556	6	688	
313	9.782 594	10	9.882 043	16	0.117 957	9.900 551	5	687	
314	9.782 604	10	9.882 059	16	0.117 941	9.900 545	6	686	
315	9.782 614	10	9.882 074	15	0.117 926	9.900 539	6	685	
316	9.782 623	9	9.882 090	16	0.117 910	9.900 533	6	684	
317	9.782 633	10	9.882 106	16	0.117 894	9.900 528	5	683	
318	9.782 643	10	9.882 122	16	0.117 878	9.900 522	6	682	
319	9.782 653	10	9.882 137	15	0.117 863	9.900 516	6	681	
.320	9.782 663	10	9.882 153	16	0.117 847	9.900 510	6	.680	
321	9.782 673	10	9.882 169	16	0.117 831	9.900 504	6	679	
322	9.782 683	10	9.882 185	16	0.117 815	9.900 499	5	678	
323	9.782 693	10	9.882 200	15	0.117 800	9.900 493	6	677	
324	9.782 703	10	9.882 216	16	0.117 784	9.900 487	6	676	
325	9.782 713	10	9.882 232	16	0.117 768	9.900 481	6	675	
326	9.782 723	10	9.882 247	15	0.117 753	9.900 476	5	674	
327	9.782 733	10	9.882 263	16	0.117 737	9.900 470	6	673	
328	9.782 743	10	9.882 279	16	0.117 721	9.900 464	6	672	
329	9.782 753	10	9.882 295	16	0.117 705	9.900 458	6	671	
.330	9.782 763	10	9.882 310	15	0.117 690	9.900 452	6	.670	
331	9.782 773	10	9.882 326	16	0.117 674	9.900 447	5	669	
332	9.782 783	10	9.882 342	16	0.117 658	9.900 441	6	668	
333	9.782 792	9	9.882 357	15	0.117 643	9.900 435	6	667	
334	9.782 802	10	9.882 373	16	0.117 627	9.900 429	6	666	
335	9.782 812	10	9.882 389	16	0.117 611	9.900 423	6	665	
336	9.782 822	10	9.882 405	16	0.117 595	9.900 418	5	664	
337	9.782 832	10	9.882 420	15	0.117 580	9.900 412	6	663	
338	9.782 842	10	9.882 436	16	0.117 564	9.900 406	6	662	
339	9.782 852	10	9.882 452	16	0.117 548	9.900 400	6	661	
.340	9.782 862	10	9.882 467	15	0.117 533	9.900 395	5	.660	
341	9.782 872	10	9.882 483	16	0.117 517	9.900 389	6	659	
342	9.782 882	10	9.882 499	16	0.117 501	9.900 383	6	658	
343	9.782 892	10	9.882 515	16	0.117 485	9.900 377	6	657	
344	9.782 902	10	9.882 530	15	0.117 470	9.900 371	6	656	
345	9.782 912	10	9.882 546	16	0.117 454	9.900 366	5	655	
346	9.782 922	10	9.882 562	16	0.117 438	9.900 360	6	654	
347	9.782 932	10	9.882 577	15	0.117 423	9.900 354	6	653	
348	9.782 941	9	9.882 593	16	0.117 407	9.900 348	6	652	
349	9.782 951	10	9.882 609	16	0.117 391	9.900 343	5	651	
.350	9.782 961	10	9.882 625	16	0.117 375	9.900 337	6	.650	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.700 — 52°.650

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.350 — 37°.400

37°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.782 961		9.882 625		0.117 375	9.900 337		.650	
351	9.782 971	10	9.882 640	15	0.117 360	9.900 331	6	649	
352	9.782 981	10	9.882 656	16	0.117 344	9.900 325	6	648	
353	9.782 991	10	9.882 672	16	0.117 328	9.900 319	6	647	
354	9.783 001	10	9.882 687	15	0.117 313	9.900 314	5	646	
355	9.783 011	10	9.882 703	16	0.117 297	9.900 308	6	645	
356	9.783 021	10	9.882 719	16	0.117 281	9.900 302	6	644	
357	9.783 031	10	9.882 735	15	0.117 265	9.900 296	6	643	
358	9.783 041	10	9.882 750	16	0.117 250	9.900 290	5	642	
359	9.783 051	10	9.882 766	16	0.117 234	9.900 285	6	641	
.360	9.783 061	10	9.882 782	16	0.117 218	9.900 279	6	.640	
361	9.783 071	10	9.882 798	16	0.117 202	9.900 273	6	639	
362	9.783 081	10	9.882 813	15	0.117 187	9.900 267	6	638	
363	9.783 090	9	9.882 829	16	0.117 171	9.900 262	5	637	
364	9.783 100	10	9.882 845	16	0.117 155	9.900 256	6	636	
365	9.783 110	10	9.882 860	15	0.117 140	9.900 250	6	635	
366	9.783 120	10	9.882 876	16	0.117 124	9.900 244	6	634	
367	9.783 130	10	9.882 892	16	0.117 108	9.900 238	6	633	
368	9.783 140	10	9.882 908	16	0.117 092	9.900 233	5	632	
369	9.783 150	10	9.882 923	15	0.117 077	9.900 227	6	631	
.370	9.783 160	10	9.882 939	16	0.117 061	9.900 221	6	.630	
371	9.783 170	10	9.882 955	16	0.117 045	9.900 215	6	629	
372	9.783 180	10	9.882 970	15	0.117 030	9.900 209	6	628	
373	9.783 190	10	9.882 986	16	0.117 014	9.900 204	5	627	
374	9.783 200	10	9.883 002	16	0.116 998	9.900 198	6	626	
375	9.783 210	10	9.883 018	16	0.116 982	9.900 192	6	625	
376	9.783 219	9	9.883 033	15	0.116 967	9.900 186	6	624	
377	9.783 229	10	9.883 049	16	0.116 951	9.900 180	6	623	
378	9.783 239	10	9.883 065	16	0.116 935	9.900 175	5	622	
379	9.783 249	10	9.883 080	15	0.116 920	9.900 169	6	621	
.380	9.783 259	10	9.883 096	16	0.116 904	9.900 163	6	.620	
381	9.783 269	10	9.883 112	16	0.116 888	9.900 157	6	619	
382	9.783 279	10	9.883 127	15	0.116 873	9.900 152	5	618	
383	9.783 289	10	9.883 143	16	0.116 857	9.900 146	6	617	
384	9.783 299	10	9.883 159	16	0.116 841	9.900 140	6	616	
385	9.783 309	10	9.883 175	16	0.116 825	9.900 134	6	615	
386	9.783 319	10	9.883 190	15	0.116 810	9.900 128	6	614	
387	9.783 329	10	9.883 206	16	0.116 794	9.900 123	5	613	
388	9.783 339	10	9.883 222	16	0.116 778	9.900 117	6	612	
389	9.783 348	9	9.883 237	15	0.116 763	9.900 111	6	611	
.390	9.783 358	10	9.883 253	16	0.116 747	9.900 105	6	.610	
391	9.783 368	10	9.883 269	16	0.116 731	9.900 099	6	609	
392	9.783 378	10	9.883 285	16	0.116 715	9.900 094	5	608	
393	9.783 388	10	9.883 300	15	0.116 700	9.900 088	6	607	
394	9.783 398	10	9.883 316	16	0.116 684	9.900 082	6	606	
395	9.783 408	10	9.883 332	16	0.116 668	9.900 076	6	605	
396	9.783 418	10	9.883 347	15	0.116 653	9.900 070	6	604	
397	9.783 428	10	9.883 363	16	0.116 637	9.900 065	5	603	
398	9.783 438	10	9.883 379	16	0.116 621	9.900 059	6	602	
399	9.783 448	10	9.883 395	16	0.116 605	9.900 053	6	601	
.400	9.783 458	10	9.883 410	15	0.116 590	9.900 047	6	.600	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.650 — 52°.600

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.400 — 37°.450

37°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.783 458		9.883 410		0.116 590	9.900 047		.600	
401	9.783 467	9	9.883 426	16	0.116 574	9.900 041	6	599	
402	9.783 477	10	9.883 442	16	0.116 558	9.900 036	5	598	
403	9.783 487	10	9.883 457	15	0.116 543	9.900 030	6	597	
		10		16			6		
404	9.783 497	10	9.883 473	16	0.116 527	9.900 024	6	596	
405	9.783 507	10	9.883 489	16	0.116 511	9.900 018	6	595	
406	9.783 517	10	9.883 505	16	0.116 495	9.900 012	6	594	
		10		15			5		
407	9.783 527	10	9.883 520	16	0.116 480	9.900 007	6	593	
408	9.783 537	10	9.883 536	16	0.116 464	9.900 001	6	592	
409	9.783 547	10	9.883 552	16	0.116 448	9.899 995	6	591	
.410	9.783 557	10	9.883 567	15	0.116 433	9.899 989	6	.590	
		10		16			6		
411	9.783 567	9	9.883 583	16	0.116 417	9.899 983	5	589	
412	9.783 576	10	9.883 599	16	0.116 401	9.899 978	6	588	
413	9.783 586	10	9.883 614	15	0.116 386	9.899 972	6	587	
		10		16			6		
414	9.783 596	10	9.883 630	16	0.116 370	9.899 966	6	586	
415	9.783 606	10	9.883 646	16	0.116 354	9.899 960	6	585	
416	9.783 616	10	9.883 662	16	0.116 338	9.899 954	6	584	
		10		15			5		
417	9.783 626	10	9.883 677	16	0.116 323	9.899 949	6	583	
418	9.783 636	10	9.883 693	16	0.116 307	9.899 943	6	582	
419	9.783 646	10	9.883 709	16	0.116 291	9.899 937	6	581	
.420	9.783 656	10	9.883 724	15	0.116 276	9.899 931	6	.580	
		10		16			6		
421	9.783 666	10	9.883 740	16	0.116 260	9.899 925	5	579	
422	9.783 676	9	9.883 756	16	0.116 244	9.899 920	6	578	
423	9.783 685	10	9.883 772	16	0.116 228	9.899 914	6	577	
		10		15			6		
424	9.783 695	10	9.883 787	16	0.116 213	9.899 908	6	576	
425	9.783 705	10	9.883 803	16	0.116 197	9.899 902	6	575	
426	9.783 715	10	9.883 819	16	0.116 181	9.899 896	6	574	
		10		15			5		
427	9.783 725	10	9.883 834	16	0.116 166	9.899 891	6	573	
428	9.783 735	10	9.883 850	16	0.116 150	9.899 885	6	572	
429	9.783 745	10	9.883 866	16	0.116 134	9.899 879	6	571	
.430	9.783 755	10	9.883 881	15	0.116 119	9.899 873	6	.570	
		10		16			6		
431	9.783 765	10	9.883 897	16	0.116 103	9.899 867	5	569	
432	9.783 775	9	9.883 913	16	0.116 087	9.899 862	6	568	
433	9.783 784	10	9.883 929	15	0.116 071	9.899 856	6	567	
		10		16			6		
434	9.783 794	10	9.883 944	16	0.116 056	9.899 850	6	566	
435	9.783 804	10	9.883 960	16	0.116 040	9.899 844	6	565	
436	9.783 814	10	9.883 976	16	0.116 024	9.899 838	6	564	
		10		15			5		
437	9.783 824	10	9.883 991	16	0.116 009	9.899 833	6	563	
438	9.783 834	10	9.884 007	16	0.115 993	9.899 827	6	562	
439	9.783 844	10	9.884 023	16	0.115 977	9.899 821	6	561	
.440	9.783 854	10	9.884 039	15	0.115 961	9.899 815	6	.560	
		10		16			6		
441	9.783 864	10	9.884 054	16	0.115 946	9.899 809	5	559	
442	9.783 874	9	9.884 070	16	0.115 930	9.899 804	6	558	
443	9.783 883	10	9.884 086	16	0.115 914	9.899 798	6	557	
		10		15			6		
444	9.783 893	10	9.884 101	16	0.115 899	9.899 792	6	556	
445	9.783 903	10	9.884 117	16	0.115 883	9.899 786	6	555	
446	9.783 913	10	9.884 133	16	0.115 867	9.899 780	6	554	
		10		15			5		
447	9.783 923	10	9.884 148	16	0.115 852	9.899 775	6	553	
448	9.783 933	10	9.884 164	16	0.115 836	9.899 769	6	552	
449	9.783 943	10	9.884 180	16	0.115 820	9.899 763	6	551	
.450	9.783 953	10	9.884 196	15	0.115 804	9.899 757	6	.550	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.600 — 52°.550

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.450 — 37°.500

37°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.783 953		9.884 196		0.115 804	9.899 757		.550	
451	9.783 963	10	9.884 211	15	0.115 789	9.899 751	6	549	
452	9.783 973	10	9.884 227	16	0.115 773	9.899 746	5	548	
453	9.783 982	9	9.884 243	16	0.115 757	9.899 740	6	547	
		10		15			6		
454	9.783 992	10	9.884 258	16	0.115 742	9.899 734	6	546	
455	9.784 002	10	9.884 274	16	0.115 726	9.899 728	6	545	
456	9.784 012	10	9.884 290	16	0.115 710	9.899 722	6	544	
		10		15			5		
457	9.784 022	10	9.884 305	16	0.115 695	9.899 717	6	543	
458	9.784 032	10	9.884 321	16	0.115 679	9.899 711	6	542	
459	9.784 042	10	9.884 337	16	0.115 663	9.899 705	6	541	
		10		16			6		
.460	9.784 052		9.884 353		0.115 647	9.899 699		.540	
		10		15			6		
461	9.784 062	9	9.884 368	16	0.115 632	9.899 693	5	539	
462	9.784 071	10	9.884 384	16	0.115 616	9.899 688	6	538	
463	9.784 081	10	9.884 400	16	0.115 600	9.899 682	6	537	
		10		15			6		
464	9.784 091	10	9.884 415	16	0.115 585	9.899 676	6	536	
465	9.784 101	10	9.884 431	16	0.115 569	9.899 670	6	535	
466	9.784 111	10	9.884 447	16	0.115 553	9.899 664	6	534	
		10		15			6		
467	9.784 121	10	9.884 462	16	0.115 538	9.899 658	5	533	
468	9.784 131	10	9.884 478	16	0.115 522	9.899 653	6	532	
469	9.784 141	10	9.884 494	16	0.115 506	9.899 647	6	531	
		10		16			6		
.470	9.784 151		9.884 510		0.115 490	9.899 641		.530	
		10		15			6		
471	9.784 161	9	9.884 525	16	0.115 475	9.899 635	6	529	
472	9.784 170	10	9.884 541	16	0.115 459	9.899 629	5	528	
473	9.784 180	10	9.884 557	16	0.115 443	9.899 624	6	527	
		10		15			6		
474	9.784 190	10	9.884 572	16	0.115 428	9.899 618	6	526	
475	9.784 200	10	9.884 588	16	0.115 412	9.899 612	6	525	
476	9.784 210	10	9.884 604	16	0.115 396	9.899 606	6	524	
		10		15			6		
477	9.784 220	10	9.884 619	16	0.115 381	9.899 600	5	523	
478	9.784 230	10	9.884 635	16	0.115 365	9.899 595	6	522	
479	9.784 240	10	9.884 651	16	0.115 349	9.899 589	6	521	
		9		16			6		
.480	9.784 249		9.884 667		0.115 333	9.899 583		.520	
		10		15			6		
481	9.784 259	10	9.884 682	16	0.115 318	9.899 577	6	519	
482	9.784 269	10	9.884 698	16	0.115 302	9.899 571	5	518	
483	9.784 279	10	9.884 714	16	0.115 286	9.899 566	6	517	
		10		15			6		
484	9.784 289	10	9.884 729	16	0.115 271	9.899 560	6	516	
485	9.784 299	10	9.884 745	16	0.115 255	9.899 554	6	515	
486	9.784 309	10	9.884 761	16	0.115 239	9.899 548	6	514	
		10		15			6		
487	9.784 319	10	9.884 776	16	0.115 224	9.899 542	6	513	
488	9.784 329	10	9.884 792	16	0.115 208	9.899 536	5	512	
489	9.784 338	9	9.884 808	16	0.115 192	9.899 531	6	511	
		10		16			6		
.490	9.784 348		9.884 824		0.115 176	9.899 525		.510	
		10		15			6		
491	9.784 358	10	9.884 839	16	0.115 161	9.899 519	6	509	
492	9.784 368	10	9.884 855	16	0.115 145	9.899 513	6	508	
493	9.784 378	10	9.884 871	16	0.115 129	9.899 507	6	507	
		10		15			5		
494	9.784 388	10	9.884 886	16	0.115 114	9.899 502	6	506	
495	9.784 398	10	9.884 902	16	0.115 098	9.899 496	6	505	
496	9.784 408	10	9.884 918	16	0.115 082	9.899 490	6	504	
		9		15			6		
497	9.784 417	10	9.884 933	16	0.115 067	9.899 484	6	503	
498	9.784 427	10	9.884 949	16	0.115 051	9.899 478	6	502	
499	9.784 437	10	9.884 965	16	0.115 035	9.899 472	6	501	
		10		15			5		
.500	9.784 447		9.884 980		0.115 020	9.899 467		.500	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.500 — 37°.550

37°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.784 447		9.884 980		0.115 020	9.899 467		.500	
501	9.784 457	10	9.884 996	16	0.115 004	9.899 461	6	499	
502	9.784 467	10	9.885 012	16	0.114 988	9.899 455	6	498	
503	9.784 477	10	9.885 028	16	0.114 972	9.899 449	6	497	
504	9.784 487	10	9.885 043	15	0.114 957	9.899 443	6	496	
505	9.784 497	10	9.885 059	16	0.114 941	9.899 438	5	495	
506	9.784 506	9	9.885 075	16	0.114 925	9.899 432	6	494	
507	9.784 516	10	9.885 090	15	0.114 910	9.899 426	6	493	
508	9.784 526	10	9.885 106	16	0.114 894	9.899 420	6	492	
509	9.784 536	10	9.885 122	16	0.114 878	9.899 414	6	491	
.510	9.784 546	10	9.885 137	15	0.114 863	9.899 408	6	.490	
511	9.784 556	10	9.885 153	16	0.114 847	9.899 403	5	489	
512	9.784 566	10	9.885 169	16	0.114 831	9.899 397	6	488	
513	9.784 576	10	9.885 184	15	0.114 816	9.899 391	6	487	
514	9.784 585	9	9.885 200	16	0.114 800	9.899 385	6	486	
515	9.784 595	10	9.885 216	16	0.114 784	9.899 379	6	485	
516	9.784 605	10	9.885 232	16	0.114 768	9.899 374	5	484	
517	9.784 615	10	9.885 247	15	0.114 753	9.899 368	6	483	
518	9.784 625	10	9.885 263	16	0.114 737	9.899 362	6	482	
519	9.784 635	10	9.885 279	16	0.114 721	9.899 356	6	481	
.520	9.784 645	10	9.885 294	15	0.114 706	9.899 350	6	.480	
521	9.784 654	9	9.885 310	16	0.114 690	9.899 344	6	479	
522	9.784 664	10	9.885 326	16	0.114 674	9.899 339	5	478	
523	9.784 674	10	9.885 341	15	0.114 659	9.899 333	6	477	
524	9.784 684	10	9.885 357	16	0.114 643	9.899 327	6	476	
525	9.784 694	10	9.885 373	16	0.114 627	9.899 321	6	475	
526	9.784 704	10	9.885 388	15	0.114 612	9.899 315	6	474	
527	9.784 714	10	9.885 404	16	0.114 596	9.899 310	5	473	
528	9.784 724	10	9.885 420	16	0.114 580	9.899 304	6	472	
529	9.784 733	9	9.885 436	16	0.114 564	9.899 298	6	471	
.530	9.784 743	10	9.885 451	15	0.114 549	9.899 292	6	.470	
531	9.784 753	10	9.885 467	16	0.114 533	9.899 286	6	469	
532	9.784 763	10	9.885 483	16	0.114 517	9.899 280	6	468	
533	9.784 773	10	9.885 498	15	0.114 502	9.899 275	5	467	
534	9.784 783	10	9.885 514	16	0.114 486	9.899 269	6	466	
535	9.784 793	10	9.885 530	16	0.114 470	9.899 263	6	465	
536	9.784 803	10	9.885 545	15	0.114 455	9.899 257	6	464	
537	9.784 812	9	9.885 561	16	0.114 439	9.899 251	6	463	
538	9.784 822	10	9.885 577	16	0.114 423	9.899 245	6	462	
539	9.784 832	10	9.885 592	15	0.114 408	9.899 240	5	461	
.540	9.784 842	10	9.885 608	16	0.114 392	9.899 234	6	.460	
541	9.784 852	10	9.885 624	16	0.114 376	9.899 228	6	459	
542	9.784 862	10	9.885 640	16	0.114 360	9.899 222	6	458	
543	9.784 872	10	9.885 655	15	0.114 345	9.899 216	6	457	
544	9.784 881	9	9.885 671	16	0.114 329	9.899 211	5	456	
545	9.784 891	10	9.885 687	16	0.114 313	9.899 205	6	455	
546	9.784 901	10	9.885 702	15	0.114 298	9.899 199	6	454	
547	9.784 911	10	9.885 718	16	0.114 282	9.899 193	6	453	
548	9.784 921	10	9.885 734	16	0.114 266	9.899 187	6	452	
549	9.784 931	10	9.885 749	15	0.114 251	9.899 181	6	451	
.550	9.784 941	10	9.885 765	16	0.114 235	9.899 176	5	.450	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.550 — 37°.600

37°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.784 941		9.885 765		0.114 235	9.899 176		.450	
551	9.784 950	9	9.885 781	16	0.114 219	9.899 170	6	449	
552	9.784 960	10	9.885 796	15	0.114 204	9.899 164	6	448	
553	9.784 970	10	9.885 812	16	0.114 188	9.899 158	6	447	
		10		16			6		
554	9.784 980	10	9.885 828	15	0.114 172	9.899 152	6	446	
555	9.784 990	10	9.885 843	16	0.114 157	9.899 146	5	445	
556	9.785 000	10	9.885 859	16	0.114 141	9.899 141	6	444	
		10		16			6		
557	9.785 010	9	9.885 875	16	0.114 125	9.899 135	6	443	
558	9.785 019	10	9.885 891	15	0.114 109	9.899 129	6	442	
559	9.785 029	10	9.885 906	16	0.114 094	9.899 123	6	441	
.560	9.785 039	10	9.885 922	16	0.114 078	9.899 117	6	.440	
		10		16			6		
561	9.785 049	10	9.885 938	15	0.114 062	9.899 111	5	439	
562	9.785 059	10	9.885 953	16	0.114 047	9.899 106	6	438	
563	9.785 069	10	9.885 969	16	0.114 031	9.899 100	6	437	
		10		16			6		
564	9.785 079	9	9.885 985	15	0.114 015	9.899 094	6	436	
565	9.785 088	10	9.886 000	16	0.114 000	9.899 088	6	435	
566	9.785 098	10	9.886 016	16	0.113 984	9.899 082	6	434	
		10		16			6		
567	9.785 108	10	9.886 032	15	0.113 968	9.899 076	5	433	
568	9.785 118	10	9.886 047	16	0.113 953	9.899 071	6	432	
569	9.785 128	10	9.886 063	16	0.113 937	9.899 065	6	431	
		10		16			6		
.570	9.785 138	10	9.886 079	15	0.113 921	9.899 059	6	.430	
		10		16			6		
571	9.785 148	9	9.886 094	16	0.113 906	9.899 053	6	429	
572	9.785 157	10	9.886 110	16	0.113 890	9.899 047	5	428	
573	9.785 167	10	9.886 126	15	0.113 874	9.899 042	6	427	
		10		16			6		
574	9.785 177	10	9.886 141	16	0.113 859	9.899 036	6	426	
575	9.785 187	10	9.886 157	16	0.113 843	9.899 030	6	425	
576	9.785 197	10	9.886 173	16	0.113 827	9.899 024	6	424	
		10		16			6		
577	9.785 207	10	9.886 189	15	0.113 811	9.899 018	6	423	
578	9.785 217	9	9.886 204	16	0.113 796	9.899 012	5	422	
579	9.785 226	10	9.886 220	16	0.113 780	9.899 007	6	421	
.580	9.785 236	10	9.886 236	15	0.113 764	9.899 001	6	.420	
		10		16			6		
581	9.785 246	10	9.886 251	16	0.113 749	9.898 995	6	419	
582	9.785 256	10	9.886 267	16	0.113 733	9.898 989	6	418	
583	9.785 266	10	9.886 283	15	0.113 717	9.898 983	6	417	
		10		16			6		
584	9.785 276	9	9.886 298	16	0.113 702	9.898 977	5	416	
585	9.785 285	10	9.886 314	16	0.113 686	9.898 972	6	415	
586	9.785 295	10	9.886 330	15	0.113 670	9.898 966	6	414	
		10		16			6		
587	9.785 305	10	9.886 345	16	0.113 655	9.898 960	6	413	
588	9.785 315	10	9.886 361	16	0.113 639	9.898 954	6	412	
589	9.785 325	10	9.886 377	15	0.113 623	9.898 948	6	411	
.590	9.785 335	10	9.886 392	16	0.113 608	9.898 942	5	.410	
		10		16			6		
591	9.785 345	9	9.886 408	16	0.113 592	9.898 937	6	409	
592	9.785 354	10	9.886 424	15	0.113 576	9.898 931	6	408	
593	9.785 364	10	9.886 439	16	0.113 561	9.898 925	6	407	
		10		16			6		
594	9.785 374	10	9.886 455	16	0.113 545	9.898 919	6	406	
595	9.785 384	10	9.886 471	15	0.113 529	9.898 913	6	405	
596	9.785 394	10	9.886 486	16	0.113 514	9.898 907	6	404	
		10		16			6		
597	9.785 404	9	9.886 502	16	0.113 498	9.898 901	5	403	
598	9.785 413	10	9.886 518	16	0.113 482	9.898 896	6	402	
599	9.785 423	10	9.886 534	15	0.113 466	9.898 890	6	401	
.600	9.785 433	10	9.886 549	15	0.113 451	9.898 884	6	.400	
		10		15			6		
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.600 — 37°.650

37°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.785 433		9.886 549		0.113 451	9.898 884		.400	
601	9.785 443	10	9.886 565	16	0.113 435	9.898 878	6	399	
602	9.785 453	10	9.886 581	16	0.113 419	9.898 872	6	398	
603	9.785 463	10	9.886 596	15	0.113 404	9.898 866	6	397	
604	9.785 473	10	9.886 612	16	0.113 388	9.898 861	5	396	
605	9.785 482	9	9.886 628	16	0.113 372	9.898 855	6	395	
606	9.785 492	10	9.886 643	15	0.113 357	9.898 849	6	394	
607	9.785 502	10	9.886 659	16	0.113 341	9.898 843	6	393	
608	9.785 512	10	9.886 675	16	0.113 325	9.898 837	6	392	
609	9.785 522	10	9.886 690	15	0.113 310	9.898 831	6	391	
.610	9.785 532	10	9.886 706	16	0.113 294	9.898 826	5	.390	
611	9.785 541	9	9.886 722	16	0.113 278	9.898 820	6	389	
612	9.785 551	10	9.886 737	15	0.113 263	9.898 814	6	388	
613	9.785 561	10	9.886 753	16	0.113 247	9.898 808	6	387	
614	9.785 571	10	9.886 769	16	0.113 231	9.898 802	6	386	
615	9.785 581	10	9.886 784	15	0.113 216	9.898 796	6	385	
616	9.785 591	10	9.886 800	16	0.113 200	9.898 791	5	384	
617	9.785 600	9	9.886 816	16	0.113 184	9.898 785	6	383	
618	9.785 610	10	9.886 831	15	0.113 169	9.898 779	6	382	
619	9.785 620	10	9.886 847	16	0.113 153	9.898 773	6	381	
.620	9.785 630	10	9.886 863	16	0.113 137	9.898 767	6	.380	
621	9.785 640	10	9.886 878	15	0.113 122	9.898 761	6	379	
622	9.785 650	10	9.886 894	16	0.113 106	9.898 756	5	378	
623	9.785 659	9	9.886 910	16	0.113 090	9.898 750	6	377	
624	9.785 669	10	9.886 925	15	0.113 075	9.898 744	6	376	
625	9.785 679	10	9.886 941	16	0.113 059	9.898 738	6	375	
626	9.785 689	10	9.886 957	16	0.113 043	9.898 732	6	374	
627	9.785 699	10	9.886 973	16	0.113 027	9.898 726	6	373	
628	9.785 709	10	9.886 988	15	0.113 012	9.898 720	6	372	
629	9.785 718	9	9.887 004	16	0.112 996	9.898 715	5	371	
.630	9.785 728	10	9.887 020	16	0.112 980	9.898 709	6	.370	
631	9.785 738	10	9.887 035	15	0.112 965	9.898 703	6	369	
632	9.785 748	10	9.887 051	16	0.112 949	9.898 697	6	368	
633	9.785 758	10	9.887 067	16	0.112 933	9.898 691	6	367	
634	9.785 768	10	9.887 082	15	0.112 918	9.898 685	6	366	
635	9.785 777	9	9.887 098	16	0.112 902	9.898 680	5	365	
636	9.785 787	10	9.887 114	16	0.112 886	9.898 674	6	364	
637	9.785 797	10	9.887 129	15	0.112 871	9.898 668	6	363	
638	9.785 807	10	9.887 145	16	0.112 855	9.898 662	6	362	
639	9.785 817	10	9.887 161	16	0.112 839	9.898 656	6	361	
.640	9.785 827	10	9.887 176	15	0.112 824	9.898 650	6	.360	
641	9.785 836	9	9.887 192	16	0.112 808	9.898 644	6	359	
642	9.785 846	10	9.887 208	16	0.112 792	9.898 639	5	358	
643	9.785 856	10	9.887 223	15	0.112 777	9.898 633	6	357	
644	9.785 866	10	9.887 239	16	0.112 761	9.898 627	6	356	
645	9.785 876	10	9.887 255	16	0.112 745	9.898 621	6	355	
646	9.785 886	10	9.887 270	15	0.112 730	9.898 615	6	354	
647	9.785 895	9	9.887 286	16	0.112 714	9.898 609	6	353	
648	9.785 905	10	9.887 302	16	0.112 698	9.898 604	5	352	
649	9.785 915	10	9.887 317	15	0.112 683	9.898 598	6	351	
.650	9.785 925	10	9.887 333	16	0.112 667	9.898 592	6	.350	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

37°.650 — 37°.700

37°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.785 925		9.887 333		0.112 667	9.898 592		.350	
651	9.785 935	10	9.887 349	16	0.112 651	9.898 586	6	349	
652	9.785 945	10	9.887 364	15	0.112 636	9.898 580	6	348	
653	9.785 954	9	9.887 380	16	0.112 620	9.898 574	6	347	
654	9.785 964	10	9.887 396	16	0.112 604	9.898 568	6	346	
655	9.785 974	10	9.887 411	15	0.112 589	9.898 563	5	345	
656	9.785 984	10	9.887 427	16	0.112 573	9.898 557	6	344	
657	9.785 994	9	9.887 443	15	0.112 557	9.898 551	6	343	
658	9.786 003	10	9.887 458	16	0.112 542	9.898 545	6	342	
659	9.786 013	10	9.887 474	16	0.112 526	9.898 539	6	341	
.660	9.786 023	10	9.887 490	15	0.112 510	9.898 533	5	.340	
661	9.786 033	10	9.887 505	16	0.112 495	9.898 528	6	339	
662	9.786 043	10	9.887 521	16	0.112 479	9.898 522	6	338	
663	9.786 053	10	9.887 537	16	0.112 463	9.898 516	6	337	
664	9.786 062	9	9.887 552	15	0.112 448	9.898 510	6	336	
665	9.786 072	10	9.887 568	16	0.112 432	9.898 504	6	335	
666	9.786 082	10	9.887 584	16	0.112 416	9.898 498	6	334	
667	9.786 092	10	9.887 599	15	0.112 401	9.898 492	6	333	
668	9.786 102	10	9.887 615	16	0.112 385	9.898 487	5	332	
669	9.786 111	9	9.887 631	16	0.112 369	9.898 481	6	331	
.670	9.786 121	10	9.887 646	15	0.112 354	9.898 475	6	.330	
671	9.786 131	10	9.887 662	16	0.112 338	9.898 469	6	329	
672	9.786 141	10	9.887 678	16	0.112 322	9.898 463	6	328	
673	9.786 151	10	9.887 693	15	0.112 307	9.898 457	6	327	
674	9.786 161	10	9.887 709	16	0.112 291	9.898 451	6	326	
675	9.786 170	9	9.887 725	16	0.112 275	9.898 446	5	325	
676	9.786 180	10	9.887 740	15	0.112 260	9.898 440	6	324	
677	9.786 190	10	9.887 756	16	0.112 244	9.898 434	6	323	
678	9.786 200	10	9.887 772	16	0.112 228	9.898 428	6	322	
679	9.786 210	10	9.887 787	15	0.112 213	9.898 422	6	321	
.680	9.786 219	9	9.887 803	16	0.112 197	9.898 416	6	.320	
681	9.786 229	10	9.887 819	16	0.112 181	9.898 410	6	319	
682	9.786 239	10	9.887 834	15	0.112 166	9.898 405	5	318	
683	9.786 249	10	9.887 850	16	0.112 150	9.898 399	6	317	
684	9.786 259	10	9.887 866	16	0.112 134	9.898 393	6	316	
685	9.786 269	10	9.887 881	15	0.112 119	9.898 387	6	315	
686	9.786 278	9	9.887 897	16	0.112 103	9.898 381	6	314	
687	9.786 288	10	9.887 913	16	0.112 087	9.898 375	6	313	
688	9.786 298	10	9.887 928	15	0.112 072	9.898 369	6	312	
689	9.786 308	10	9.887 944	16	0.112 056	9.898 364	5	311	
.690	9.786 318	10	9.887 960	16	0.112 040	9.898 358	6	.310	
691	9.786 327	9	9.887 975	15	0.112 025	9.898 352	6	309	
692	9.786 337	10	9.887 991	16	0.112 009	9.898 346	6	308	
693	9.786 347	10	9.888 007	16	0.111 993	9.898 340	6	307	
694	9.786 357	10	9.888 022	15	0.111 978	9.898 334	6	306	
695	9.786 367	10	9.888 038	16	0.111 962	9.898 328	6	305	
696	9.786 376	9	9.888 054	16	0.111 946	9.898 323	5	304	
697	9.786 386	10	9.888 069	15	0.111 931	9.898 317	6	303	
698	9.786 396	10	9.888 085	16	0.111 915	9.898 311	6	302	
699	9.786 406	10	9.888 101	16	0.111 899	9.898 305	6	301	
.700	9.786 416	10	9.888 116	15	0.111 884	9.898 299	6	.300	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

37°.700 — 37°.750

37°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.786 416		9.888 116		0.111 884	9.898 299		.300	
701	9.786 425	9	9.888 132	16	0.111 868	9.898 293	6	299	
702	9.786 435	10	9.888 148	16	0.111 852	9.898 287	6	298	
703	9.786 445	10	9.888 163	15	0.111 837	9.898 282	5	297	
		10		16			6		
704	9.786 455	10	9.888 179	16	0.111 821	9.898 276	6	296	
705	9.786 465	10	9.888 195	16	0.111 805	9.898 270	6	295	
706	9.786 475	10	9.888 210	15	0.111 790	9.898 264	6	294	
		9		16			6		
707	9.786 484	10	9.888 226	16	0.111 774	9.898 258	6	293	
708	9.786 494	10	9.888 242	15	0.111 758	9.898 252	6	292	
709	9.786 504	10	9.888 257	15	0.111 743	9.898 246	6	291	
		10		16			5		
.710	9.786 514		9.888 273		0.111 727	9.898 241		.290	
		10		16			6		
711	9.786 524	9	9.888 289	15	0.111 711	9.898 235	6	289	
712	9.786 533	10	9.888 304	16	0.111 696	9.898 229	6	288	
713	9.786 543	10	9.888 320	16	0.111 680	9.898 223	6	287	
		10		16			6		
714	9.786 553	10	9.888 336	15	0.111 664	9.898 217	6	286	
715	9.786 563	10	9.888 351	16	0.111 649	9.898 211	6	285	
716	9.786 573	10	9.888 367	16	0.111 633	9.898 205	6	284	
		9		16			5		
717	9.786 582	10	9.888 383	15	0.111 617	9.898 200	6	283	
718	9.786 592	10	9.888 398	16	0.111 602	9.898 194	6	282	
719	9.786 602	10	9.888 414	16	0.111 586	9.898 188	6	281	
		10		16			6		
.720	9.786 612		9.888 430		0.111 570	9.898 182		.280	
		10		15			6		
721	9.786 622	9	9.888 445	16	0.111 555	9.898 176	6	279	
722	9.786 631	10	9.888 461	16	0.111 539	9.898 170	6	278	
723	9.786 641	10	9.888 477	16	0.111 523	9.898 164	6	277	
		10		15			5		
724	9.786 651	10	9.888 492	16	0.111 508	9.898 159	6	276	
725	9.786 661	10	9.888 508	16	0.111 492	9.898 153	6	275	
726	9.786 671	10	9.888 524	16	0.111 476	9.898 147	6	274	
		9		15			6		
727	9.786 680	10	9.888 539	16	0.111 461	9.898 141	6	273	
728	9.786 690	10	9.888 555	16	0.111 445	9.898 135	6	272	
729	9.786 700	10	9.888 571	16	0.111 429	9.898 129	6	271	
		10		15			6		
.730	9.786 710		9.888 586		0.111 414	9.898 123		.270	
		10		16			6		
731	9.786 720	9	9.888 602	16	0.111 398	9.898 117	5	269	
732	9.786 729	10	9.888 618	15	0.111 382	9.898 112	6	268	
733	9.786 739	10	9.888 633	16	0.111 367	9.898 106	6	267	
		10		16			6		
734	9.786 749	10	9.888 649	16	0.111 351	9.898 100	6	266	
735	9.786 759	9	9.888 665	15	0.111 335	9.898 094	6	265	
736	9.786 768	10	9.888 680	16	0.111 320	9.898 088	6	264	
		10		16			6		
737	9.786 778	10	9.888 696	16	0.111 304	9.898 082	6	263	
738	9.786 788	10	9.888 712	15	0.111 288	9.898 076	5	262	
739	9.786 798	10	9.888 727	15	0.111 273	9.898 071	6	261	
		10		16			6		
.740	9.786 808		9.888 743		0.111 257	9.898 065		.260	
		9		16			6		
741	9.786 817	10	9.888 759	15	0.111 241	9.898 059	6	259	
742	9.786 827	10	9.888 774	16	0.111 226	9.898 053	6	258	
743	9.786 837	10	9.888 790	16	0.111 210	9.898 047	6	257	
		10		16			6		
744	9.786 847	10	9.888 806	15	0.111 194	9.898 041	6	256	
745	9.786 857	9	9.888 821	16	0.111 179	9.898 035	6	255	
746	9.786 866	10	9.888 837	16	0.111 163	9.898 029	6	254	
		10		16			5		
747	9.786 876	10	9.888 853	15	0.111 147	9.898 024	6	253	
748	9.786 886	10	9.888 868	16	0.111 132	9.898 018	6	252	
749	9.786 896	10	9.888 884	16	0.111 116	9.898 012	6	251	
		10		16			6		
.750	9.786 906		9.888 900		0.111 100	9.898 006		.250	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

52°.300 — 52°.250

37°.750 — 37°.800

37°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.786 906		9.888 900		0.111 100	9.898 006		.250	
751	9.786 915	9	9.888 915	15	0.111 085	9.898 000	6	249	
752	9.786 925	10	9.888 931	16	0.111 069	9.897 994	6	248	
753	9.786 935	10	9.888 947	16	0.111 053	9.897 988	6	247	
		10		15			5		
754	9.786 945	10	9.888 962	16	0.111 038	9.897 983	6	246	
755	9.786 955	10	9.888 978	16	0.111 022	9.897 977	6	245	
756	9.786 964	9	9.888 994	16	0.111 006	9.897 971	6	244	
		10		15			6		
757	9.786 974	10	9.889 009	16	0.110 991	9.897 965	6	243	
758	9.786 984	10	9.889 025	16	0.110 975	9.897 959	6	242	
759	9.786 994	10	9.889 040	15	0.110 960	9.897 953	6	241	
		9		16			6		
.760	9.787 003		9.889 056		0.110 944	9.897 947		.240	
		10		16			6		
761	9.787 013		9.889 072		0.110 928	9.897 941		239	
762	9.787 023	10	9.889 087	15	0.110 913	9.897 936	5	238	
763	9.787 033	10	9.889 103	16	0.110 897	9.897 930	6	237	
		10		16			6		
764	9.787 043		9.889 119		0.110 881	9.897 924		236	
765	9.787 052	9	9.889 134	15	0.110 866	9.897 918	6	235	
766	9.787 062	10	9.889 150	16	0.110 850	9.897 912	6	234	
		10		16			6		
767	9.787 072		9.889 166		0.110 834	9.897 906		233	
768	9.787 082	10	9.889 181	15	0.110 819	9.897 900	6	232	
769	9.787 092	10	9.889 197	16	0.110 803	9.897 894	6	231	
		9		16			5		
.770	9.787 101		9.889 213		0.110 787	9.897 889		.230	
		10		15			6		
771	9.787 111		9.889 228		0.110 772	9.897 883		229	
772	9.787 121	10	9.889 244	16	0.110 756	9.897 877	6	228	
773	9.787 131	10	9.889 260	16	0.110 740	9.897 871	6	227	
		9		15			6		
774	9.787 140		9.889 275		0.110 725	9.897 865		226	
775	9.787 150	10	9.889 291	16	0.110 709	9.897 859	6	225	
776	9.787 160	10	9.889 307	16	0.110 693	9.897 853	6	224	
		10		15			6		
777	9.787 170		9.889 322		0.110 678	9.897 847		223	
778	9.787 180	10	9.889 338	16	0.110 662	9.897 842	5	222	
779	9.787 189	9	9.889 354	16	0.110 646	9.897 836	6	221	
		10		15			6		
.780	9.787 199		9.889 369		0.110 631	9.897 830		.220	
		10		16			6		
781	9.787 209		9.889 385		0.110 615	9.897 824		219	
782	9.787 219	10	9.889 401	16	0.110 599	9.897 818	6	218	
783	9.787 228	9	9.889 416	15	0.110 584	9.897 812	6	217	
		10		16			6		
784	9.787 238		9.889 432		0.110 568	9.897 806		216	
785	9.787 248	10	9.889 448	16	0.110 552	9.897 800	6	215	
786	9.787 258	10	9.889 463	15	0.110 537	9.897 795	5	214	
		10		16			6		
787	9.787 268		9.889 479		0.110 521	9.897 789		213	
788	9.787 277	9	9.889 494	15	0.110 506	9.897 783	6	212	
789	9.787 287	10	9.889 510	16	0.110 490	9.897 777	6	211	
		10		16			6		
.790	9.787 297		9.889 526		0.110 474	9.897 771		.210	
		10		15			6		
791	9.787 307		9.889 541		0.110 459	9.897 765		209	
792	9.787 316	9	9.889 557	16	0.110 443	9.897 759	6	208	
793	9.787 326	10	9.889 573	16	0.110 427	9.897 753	6	207	
		10		15			5		
794	9.787 336		9.889 588		0.110 412	9.897 748		206	
795	9.787 346	10	9.889 604	16	0.110 396	9.897 742	6	205	
796	9.787 356	10	9.889 620	16	0.110 380	9.897 736	6	204	
		9		15			6		
797	9.787 365		9.889 635		0.110 365	9.897 730		203	
798	9.787 375	10	9.889 651	16	0.110 349	9.897 724	6	202	
799	9.787 385	10	9.889 667	16	0.110 333	9.897 718	6	201	
		10		15			6		
.800	9.787 395		9.889 682		0.110 318	9.897 712		.200	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

37°.800 — 37°.850

37°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.787 395		9.889 682		0.110 318	9.897 712		.200	
801	9.787 404	9	9.889 698	16	0.110 302	9.897 706	6	199	
802	9.787 414	10	9.889 714	16	0.110 286	9.897 701	5	198	
803	9.787 424	10	9.889 729	15	0.110 271	9.897 695	6	197	
804	9.787 434	10	9.889 745	16	0.110 255	9.897 689	6	196	
805	9.787 443	9	9.889 761	16	0.110 239	9.897 683	6	195	
806	9.787 453	10	9.889 776	15	0.110 224	9.897 677	6	194	
807	9.787 463	10	9.889 792	16	0.110 208	9.897 671	6	193	
808	9.787 473	10	9.889 808	16	0.110 192	9.897 665	6	192	
809	9.787 483	10	9.889 823	15	0.110 177	9.897 659	6	191	
.810	9.787 492	9	9.889 839	16	0.110 161	9.897 653	6	.190	
811	9.787 502	10	9.889 854	15	0.110 146	9.897 648	5	189	
812	9.787 512	10	9.889 870	16	0.110 130	9.897 642	6	188	
813	9.787 522	10	9.889 886	16	0.110 114	9.897 636	6	187	
814	9.787 531	9	9.889 901	15	0.110 099	9.897 630	6	186	
815	9.787 541	10	9.889 917	16	0.110 083	9.897 624	6	185	
816	9.787 551	10	9.889 933	16	0.110 067	9.897 618	6	184	
817	9.787 561	10	9.889 948	15	0.110 052	9.897 612	6	183	
818	9.787 570	9	9.889 964	16	0.110 036	9.897 606	6	182	
819	9.787 580	10	9.889 980	16	0.110 020	9.897 601	5	181	
.820	9.787 590	10	9.889 995	15	0.110 005	9.897 595	6	.180	
821	9.787 600	10	9.890 011	16	0.109 989	9.897 589	6	179	
822	9.787 610	10	9.890 027	16	0.109 973	9.897 583	6	178	
823	9.787 619	9	9.890 042	15	0.109 958	9.897 577	6	177	
824	9.787 629	10	9.890 058	16	0.109 942	9.897 571	6	176	
825	9.787 639	10	9.890 074	16	0.109 926	9.897 565	6	175	
826	9.787 649	10	9.890 089	15	0.109 911	9.897 559	6	174	
827	9.787 658	9	9.890 105	16	0.109 895	9.897 553	6	173	
828	9.787 668	10	9.890 121	16	0.109 879	9.897 548	5	172	
829	9.787 678	10	9.890 136	15	0.109 864	9.897 542	6	171	
.830	9.787 688	10	9.890 152	16	0.109 848	9.897 536	6	.170	
831	9.787 697	9	9.890 167	15	0.109 833	9.897 530	6	169	
832	9.787 707	10	9.890 183	16	0.109 817	9.897 524	6	168	
833	9.787 717	10	9.890 199	16	0.109 801	9.897 518	6	167	
834	9.787 727	10	9.890 214	15	0.109 786	9.897 512	6	166	
835	9.787 736	9	9.890 230	16	0.109 770	9.897 506	6	165	
836	9.787 746	10	9.890 246	16	0.109 754	9.897 500	6	164	
837	9.787 756	10	9.890 261	15	0.109 739	9.897 495	5	163	
838	9.787 766	10	9.890 277	16	0.109 723	9.897 489	6	162	
839	9.787 775	9	9.890 293	16	0.109 707	9.897 483	6	161	
.840	9.787 785	10	9.890 308	15	0.109 692	9.897 477	6	.160	
841	9.787 795	10	9.890 324	16	0.109 676	9.897 471	6	159	
842	9.787 805	10	9.890 340	16	0.109 660	9.897 465	6	158	
843	9.787 814	9	9.890 355	15	0.109 645	9.897 459	6	157	
844	9.787 824	10	9.890 371	16	0.109 629	9.897 453	6	156	
845	9.787 834	10	9.890 386	15	0.109 614	9.897 448	5	155	
846	9.787 844	10	9.890 402	16	0.109 598	9.897 442	6	154	
847	9.787 854	10	9.890 418	16	0.109 582	9.897 436	6	153	
848	9.787 863	9	9.890 433	15	0.109 567	9.897 430	6	152	
849	9.787 873	10	9.890 449	16	0.109 551	9.897 424	6	151	
.850	9.787 883	10	9.890 465	16	0.109 535	9.897 418	6	.150	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

37°.850 — 37°.900

37°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.787 883		9.890 465		0.109 535	9.897 418		.150	
851	9.787 893	10	9.890 480	15	0.109 520	9.897 412	6	149	
852	9.787 902	9	9.890 496	16	0.109 504	9.897 406	6	148	
853	9.787 912	10	9.890 512	16	0.109 488	9.897 400	6	147	
		10		15			6		
854	9.787 922	10	9.890 527	16	0.109 473	9.897 394	5	146	
855	9.787 932	9	9.890 543	16	0.109 457	9.897 389	6	145	
856	9.787 941	10	9.890 559	15	0.109 441	9.897 383	6	144	
		10		16			6		
857	9.787 951	10	9.890 574	16	0.109 426	9.897 377	6	143	
858	9.787 961	10	9.890 590	16	0.109 410	9.897 371	6	142	
859	9.787 971	9	9.890 606	15	0.109 394	9.897 365	6	141	
.860	9.787 980	10	9.890 621	16	0.109 379	9.897 359	6	.140	
861	9.787 990	10	9.890 637	15	0.109 363	9.897 353	6	139	
862	9.788 000	10	9.890 652	16	0.109 348	9.897 347	6	138	
863	9.788 010	9	9.890 668	16	0.109 332	9.897 341	5	137	
		10		15			6		
864	9.788 019	10	9.890 684	16	0.109 316	9.897 336	6	136	
865	9.788 029	10	9.890 699	15	0.109 301	9.897 330	6	135	
866	9.788 039	10	9.890 715	16	0.109 285	9.897 324	6	134	
		10		16			6		
867	9.788 049	9	9.890 731	15	0.109 269	9.897 318	6	133	
868	9.788 058	10	9.890 746	16	0.109 254	9.897 312	6	132	
869	9.788 068	10	9.890 762	16	0.109 238	9.897 306	6	131	
		10		16			6		
.870	9.788 078	10	9.890 778	15	0.109 222	9.897 300	6	.130	
871	9.788 088	9	9.890 793	16	0.109 207	9.897 294	6	129	
872	9.788 097	10	9.890 809	16	0.109 191	9.897 288	5	128	
873	9.788 107	10	9.890 825	15	0.109 175	9.897 283	6	127	
		10		16			6		
874	9.788 117	10	9.890 840	16	0.109 160	9.897 277	6	126	
875	9.788 127	9	9.890 856	15	0.109 144	9.897 271	6	125	
876	9.788 136	10	9.890 871	16	0.109 129	9.897 265	6	124	
		10		16			6		
877	9.788 146	10	9.890 887	16	0.109 113	9.897 259	6	123	
878	9.788 156	10	9.890 903	15	0.109 097	9.897 253	6	122	
879	9.788 166	9	9.890 918	16	0.109 082	9.897 247	6	121	
		10		16			6		
.880	9.788 175	10	9.890 934	16	0.109 066	9.897 241	6	.120	
881	9.788 185	10	9.890 950	15	0.109 050	9.897 235	6	119	
882	9.788 195	9	9.890 965	16	0.109 035	9.897 229	5	118	
883	9.788 204	10	9.890 981	16	0.109 019	9.897 224	6	117	
		10		15			6		
884	9.788 214	10	9.890 997	16	0.109 003	9.897 218	6	116	
885	9.788 224	10	9.891 012	16	0.108 988	9.897 212	6	115	
886	9.788 234	9	9.891 028	15	0.108 972	9.897 206	6	114	
		10		16			6		
887	9.788 243	10	9.891 043	16	0.108 957	9.897 200	6	113	
888	9.788 253	10	9.891 059	16	0.108 941	9.897 194	6	112	
889	9.788 263	10	9.891 075	15	0.108 925	9.897 188	6	111	
		10		16			6		
.890	9.788 273	9	9.891 090	16	0.108 910	9.897 182	6	.110	
891	9.788 282	10	9.891 106	16	0.108 894	9.897 176	6	109	
892	9.788 292	10	9.891 122	15	0.108 878	9.897 170	5	108	
893	9.788 302	10	9.891 137	16	0.108 863	9.897 165	6	107	
		10		16			6		
894	9.788 312	9	9.891 153	16	0.108 847	9.897 159	6	106	
895	9.788 321	10	9.891 169	15	0.108 831	9.897 153	6	105	
896	9.788 331	10	9.891 184	16	0.108 816	9.897 147	6	104	
		10		16			6		
897	9.788 341	10	9.891 200	15	0.108 800	9.897 141	6	103	
898	9.788 351	9	9.891 215	16	0.108 785	9.897 135	6	102	
899	9.788 360	10	9.891 231	16	0.108 769	9.897 129	6	101	
		10		16			6		
.900	9.788 370		9.891 247		0.108 753	9.897 123		.100	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.150 — 52°.100

37°.900 — 37°.950

37°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.788 370		9.891 247		0.108 753	9.897 123		.100	
901	9.788 380	10	9.891 262	15	0.108 738	9.897 117	6	099	
902	9.788 390	10	9.891 278	16	0.108 722	9.897 111	6	098	
903	9.788 399	9	9.891 294	16	0.108 706	9.897 106	5	097	
904	9.788 409	10	9.891 309	15	0.108 691	9.897 100	6	096	
905	9.788 419	10	9.891 325	16	0.108 675	9.897 094	6	095	
906	9.788 428	9	9.891 341	16	0.108 659	9.897 088	6	094	
907	9.788 438	10	9.891 356	15	0.108 644	9.897 082	6	093	
908	9.788 448	10	9.891 372	16	0.108 628	9.897 076	6	092	
909	9.788 458	10	9.891 388	16	0.108 612	9.897 070	6	091	
.910	9.788 467	9	9.891 403	15	0.108 597	9.897 064	6	.090	
911	9.788 477	10	9.891 419	16	0.108 581	9.897 058	6	089	
912	9.788 487	10	9.891 434	15	0.108 566	9.897 052	6	088	
913	9.788 497	10	9.891 450	16	0.108 550	9.897 047	5	087	
914	9.788 506	9	9.891 466	16	0.108 534	9.897 041	6	086	
915	9.788 516	10	9.891 481	15	0.108 519	9.897 035	6	085	
916	9.788 526	10	9.891 497	16	0.108 503	9.897 029	6	084	
917	9.788 536	10	9.891 513	16	0.108 487	9.897 023	6	083	
918	9.788 545	9	9.891 528	15	0.108 472	9.897 017	6	082	
919	9.788 555	10	9.891 544	16	0.108 456	9.897 011	6	081	
.920	9.788 565	10	9.891 559	15	0.108 441	9.897 005	6	.080	
921	9.788 574	9	9.891 575	16	0.108 425	9.896 999	6	079	
922	9.788 584	10	9.891 591	16	0.108 409	9.896 993	6	078	
923	9.788 594	10	9.891 606	15	0.108 394	9.896 988	5	077	
924	9.788 604	10	9.891 622	16	0.108 378	9.896 982	6	076	
925	9.788 613	9	9.891 638	16	0.108 362	9.896 976	6	075	
926	9.788 623	10	9.891 653	15	0.108 347	9.896 970	6	074	
927	9.788 633	10	9.891 669	16	0.108 331	9.896 964	6	073	
928	9.788 643	10	9.891 685	16	0.108 315	9.896 958	6	072	
929	9.788 652	9	9.891 700	15	0.108 300	9.896 952	6	071	
.930	9.788 662	10	9.891 716	16	0.108 284	9.896 946	6	.070	
931	9.788 672	10	9.891 731	15	0.108 269	9.896 940	6	069	
932	9.788 681	9	9.891 747	16	0.108 253	9.896 934	6	068	
933	9.788 691	10	9.891 763	16	0.108 237	9.896 928	6	067	
934	9.788 701	10	9.891 778	15	0.108 222	9.896 923	5	066	
935	9.788 711	10	9.891 794	16	0.108 206	9.896 917	6	065	
936	9.788 720	9	9.891 810	16	0.108 190	9.896 911	6	064	
937	9.788 730	10	9.891 825	15	0.108 175	9.896 905	6	063	
938	9.788 740	10	9.891 841	16	0.108 159	9.896 899	6	062	
939	9.788 750	10	9.891 857	16	0.108 143	9.896 893	6	061	
.940	9.788 759	9	9.891 872	15	0.108 128	9.896 887	6	.060	
941	9.788 769	10	9.891 888	16	0.108 112	9.896 881	6	059	
942	9.788 779	10	9.891 903	15	0.108 097	9.896 875	6	058	
943	9.788 788	9	9.891 919	16	0.108 081	9.896 869	6	057	
944	9.788 798	10	9.891 935	16	0.108 065	9.896 863	6	056	
945	9.788 808	10	9.891 950	15	0.108 050	9.896 858	5	055	
946	9.788 818	10	9.891 966	16	0.108 034	9.896 852	6	054	
947	9.788 827	9	9.891 982	16	0.108 018	9.896 846	6	053	
948	9.788 837	10	9.891 997	15	0.108 003	9.896 840	6	052	
949	9.788 847	10	9.892 013	16	0.107 987	9.896 834	6	051	
.950	9.788 856	9	9.892 028	15	0.107 972	9.896 828	6	.050	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

52°.100 — 52°.050

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

37°.950 — 38°.000

37°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.788 856		9.892 028		0.107 972	9.896 828		.050	
951	9.788 866	10	9.892 044	16	0.107 956	9.896 822	6	049	
952	9.788 876	10	9.892 060	16	0.107 940	9.896 816	6	048	
953	9.788 886	10	9.892 075	15	0.107 925	9.896 810	6	047	
		9		16			6		
954	9.788 895	10	9.892 091	16	0.107 909	9.896 804	6	046	
955	9.788 905	10	9.892 107	15	0.107 893	9.896 798	5	045	
956	9.788 915	10	9.892 122	16	0.107 878	9.896 793	6	044	
		9		16			6		
957	9.788 924	10	9.892 138	16	0.107 862	9.896 787	6	043	
958	9.788 934	10	9.892 154	15	0.107 846	9.896 781	6	042	
959	9.788 944	10	9.892 169	16	0.107 831	9.896 775	6	041	
.960	9.788 954	10	9.892 185	16	0.107 815	9.896 769	6	.040	
		9		15			6		
961	9.788 963	10	9.892 200	16	0.107 800	9.896 763	6	039	
962	9.788 973	10	9.892 216	16	0.107 784	9.896 757	6	038	
963	9.788 983	10	9.892 232	16	0.107 768	9.896 751	6	037	
		9		15			6		
964	9.788 992	10	9.892 247	16	0.107 753	9.896 745	6	036	
965	9.789 002	10	9.892 263	16	0.107 737	9.896 739	6	035	
966	9.789 012	10	9.892 279	16	0.107 721	9.896 733	6	034	
		10		15			6		
967	9.789 022	10	9.892 294	16	0.107 706	9.896 727	6	033	
968	9.789 031	9	9.892 310	16	0.107 690	9.896 722	5	032	
969	9.789 041	10	9.892 325	15	0.107 675	9.896 716	6	031	
		10		16			6		
.970	9.789 051	9	9.892 341	16	0.107 659	9.896 710	6	.030	
		10		15			6		
971	9.789 060	10	9.892 357	16	0.107 643	9.896 704	6	029	
972	9.789 070	10	9.892 372	16	0.107 628	9.896 698	6	028	
973	9.789 080	10	9.892 388	16	0.107 612	9.896 692	6	027	
		10		16			6		
974	9.789 090	9	9.892 404	15	0.107 596	9.896 686	6	026	
975	9.789 099	10	9.892 419	16	0.107 581	9.896 680	6	025	
976	9.789 109	10	9.892 435	16	0.107 565	9.896 674	6	024	
		10		15			6		
977	9.789 119	9	9.892 450	16	0.107 550	9.896 668	6	023	
978	9.789 128	10	9.892 466	16	0.107 534	9.896 662	6	022	
979	9.789 138	10	9.892 482	16	0.107 518	9.896 656	6	021	
		10		15			5		
.980	9.789 148	10	9.892 497	16	0.107 503	9.896 651	6	.020	
		9		16			6		
981	9.789 158	10	9.892 513	16	0.107 487	9.896 645	6	019	
982	9.789 167	10	9.892 529	15	0.107 471	9.896 639	6	018	
983	9.789 177	10	9.892 544	16	0.107 456	9.896 633	6	017	
		10		16			6		
984	9.789 187	9	9.892 560	15	0.107 440	9.896 627	6	016	
985	9.789 196	10	9.892 575	16	0.107 425	9.896 621	6	015	
986	9.789 206	10	9.892 591	16	0.107 409	9.896 615	6	014	
		10		16			6		
987	9.789 216	10	9.892 607	15	0.107 393	9.896 609	6	013	
988	9.789 226	9	9.892 622	16	0.107 378	9.896 603	6	012	
989	9.789 235	10	9.892 638	16	0.107 362	9.896 597	6	011	
		10		16			6		
.990	9.789 245	10	9.892 654	15	0.107 346	9.896 591	6	.010	
		9		16			5		
991	9.789 255	10	9.892 669	16	0.107 331	9.896 585	6	009	
992	9.789 264	10	9.892 685	15	0.107 315	9.896 580	6	008	
993	9.789 274	10	9.892 700	16	0.107 300	9.896 574	6	007	
		10		16			6		
994	9.789 284	9	9.892 716	16	0.107 284	9.896 568	6	006	
995	9.789 293	10	9.892 732	15	0.107 268	9.896 562	6	005	
996	9.789 303	10	9.892 747	16	0.107 253	9.896 556	6	004	
		10		16			6		
997	9.789 313	10	9.892 763	16	0.107 237	9.896 550	6	003	
998	9.789 323	9	9.892 779	16	0.107 221	9.896 544	6	002	
999	9.789 332	10	9.892 794	15	0.107 206	9.896 538	6	001	
		10		16			6		
*.000	9.789 342	10	9.892 810	16	0.107 190	9.896 532	6	.000	
	cos	d	cotg	d	tang	sin	d	52°	P.P.

38°.000 — 38°.050

38°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.789 342		9.892 810		0.107 190	9.896 532		*.000	
001	9.789 352	10	9.892 825	15	0.107 175	9.896 526	6	999	
002	9.789 361	9	9.892 841	16	0.107 159	9.896 520	6	998	
003	9.789 371	10	9.892 857	16	0.107 143	9.896 514	6	997	
004	9.789 381	10	9.892 872	15	0.107 128	9.896 508	6	996	
005	9.789 390	9	9.892 888	16	0.107 112	9.896 503	5	995	
006	9.789 400	10	9.892 904	16	0.107 096	9.896 497	6	994	
007	9.789 410	10	9.892 919	15	0.107 081	9.896 491	6	993	
008	9.789 420	10	9.892 935	16	0.107 065	9.896 485	6	992	
009	9.789 429	9	9.892 950	15	0.107 050	9.896 479	6	991	
.010	9.789 439	10	9.892 966	16	0.107 034	9.896 473	6	.990	
011	9.789 449	10	9.892 982	16	0.107 018	9.896 467	6	989	
012	9.789 458	9	9.892 997	15	0.107 003	9.896 461	6	988	
013	9.789 468	10	9.893 013	16	0.106 987	9.896 455	6	987	
014	9.789 478	10	9.893 029	16	0.106 971	9.896 449	6	986	
015	9.789 487	9	9.893 044	15	0.106 956	9.896 443	6	985	
016	9.789 497	10	9.893 060	16	0.106 940	9.896 437	6	984	
017	9.789 507	10	9.893 075	15	0.106 925	9.896 431	6	983	
018	9.789 517	10	9.893 091	16	0.106 909	9.896 426	5	982	
019	9.789 526	9	9.893 107	16	0.106 893	9.896 420	6	981	
.020	9.789 536	10	9.893 122	15	0.106 878	9.896 414	6	.980	
021	9.789 546	10	9.893 138	16	0.106 862	9.896 408	6	979	
022	9.789 555	9	9.893 154	16	0.106 846	9.896 402	6	978	
023	9.789 565	10	9.893 169	15	0.106 831	9.896 396	6	977	
024	9.789 575	10	9.893 185	16	0.106 815	9.896 390	6	976	
025	9.789 584	9	9.893 200	15	0.106 800	9.896 384	6	975	
026	9.789 594	10	9.893 216	16	0.106 784	9.896 378	6	974	
027	9.789 604	10	9.893 232	16	0.106 768	9.896 372	6	973	
028	9.789 613	9	9.893 247	15	0.106 753	9.896 366	6	972	
029	9.789 623	10	9.893 263	16	0.106 737	9.896 360	6	971	
.030	9.789 633	10	9.893 278	15	0.106 722	9.896 354	6	.970	
031	9.789 643	10	9.893 294	16	0.106 706	9.896 348	6	969	
032	9.789 652	9	9.893 310	16	0.106 690	9.896 343	5	968	
033	9.789 662	10	9.893 325	15	0.106 675	9.896 337	6	967	
034	9.789 672	10	9.893 341	16	0.106 659	9.896 331	6	966	
035	9.789 681	9	9.893 357	16	0.106 643	9.896 325	6	965	
036	9.789 691	10	9.893 372	15	0.106 628	9.896 319	6	964	
037	9.789 701	10	9.893 388	16	0.106 612	9.896 313	6	963	
038	9.789 710	9	9.893 403	15	0.106 597	9.896 307	6	962	
039	9.789 720	10	9.893 419	16	0.106 581	9.896 301	6	961	
.040	9.789 730	10	9.893 435	16	0.106 565	9.896 295	6	.960	
041	9.789 739	9	9.893 450	15	0.106 550	9.896 289	6	959	
042	9.789 749	10	9.893 466	16	0.106 534	9.896 283	6	958	
043	9.789 759	10	9.893 482	16	0.106 518	9.896 277	6	957	
044	9.789 769	10	9.893 497	15	0.106 503	9.896 271	6	956	
045	9.789 778	9	9.893 513	16	0.106 487	9.896 265	6	955	
046	9.789 788	10	9.893 528	15	0.106 472	9.896 260	5	954	
047	9.789 798	10	9.893 544	16	0.106 456	9.896 254	6	953	
048	9.789 807	9	9.893 560	16	0.106 440	9.896 248	6	952	
049	9.789 817	10	9.893 575	15	0.106 425	9.896 242	6	951	
.050	9.789 827	10	9.893 591	16	0.106 409	9.896 236	6	.950	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

52°.000 — 51°.950

38°.050 — 38°.100

38°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.789 827		9.893 591		0.106 409	9.896 236		.950	
051	9.789 836	9	9.893 606	15	0.106 394	9.896 230	6	949	
052	9.789 846	10	9.893 622	16	0.106 378	9.896 224	6	948	
053	9.789 856	10	9.893 638	16	0.106 362	9.896 218	6	947	
054	9.789 865	9	9.893 653	15	0.106 347	9.896 212	6	946	
055	9.789 875	10	9.893 669	16	0.106 331	9.896 206	6	945	
056	9.789 885	10	9.893 685	16	0.106 315	9.896 200	6	944	
057	9.789 894	9	9.893 700	15	0.106 300	9.896 194	6	943	
058	9.789 904	10	9.893 716	16	0.106 284	9.896 188	6	942	
059	9.789 914	10	9.893 731	15	0.106 269	9.896 182	6	941	
.060	9.789 923	9	9.893 747	16	0.106 253	9.896 176	6	.940	
061	9.789 933	10	9.893 763	16	0.106 237	9.896 171	5	939	
062	9.789 943	10	9.893 778	15	0.106 222	9.896 165	6	938	
063	9.789 952	9	9.893 794	16	0.106 206	9.896 159	6	937	
064	9.789 962	10	9.893 809	15	0.106 191	9.896 153	6	936	
065	9.789 972	10	9.893 825	16	0.106 175	9.896 147	6	935	
066	9.789 982	10	9.893 841	16	0.106 159	9.896 141	6	934	
067	9.789 991	9	9.893 856	15	0.106 144	9.896 135	6	933	
068	9.790 001	10	9.893 872	16	0.106 128	9.896 129	6	932	
069	9.790 011	10	9.893 888	16	0.106 112	9.896 123	6	931	
.070	9.790 020	9	9.893 903	15	0.106 097	9.896 117	6	.930	
071	9.790 030	10	9.893 919	16	0.106 081	9.896 111	6	929	
072	9.790 040	10	9.893 934	15	0.106 066	9.896 105	6	928	
073	9.790 049	9	9.893 950	16	0.106 050	9.896 099	6	927	
074	9.790 059	10	9.893 966	16	0.106 034	9.896 093	6	926	
075	9.790 069	10	9.893 981	15	0.106 019	9.896 087	6	925	
076	9.790 078	9	9.893 997	16	0.106 003	9.896 081	6	924	
077	9.790 088	10	9.894 012	15	0.105 988	9.896 076	5	923	
078	9.790 098	10	9.894 028	16	0.105 972	9.896 070	6	922	
079	9.790 107	9	9.894 044	16	0.105 956	9.896 064	6	921	
.080	9.790 117	10	9.894 059	15	0.105 941	9.896 058	6	.920	
081	9.790 127	10	9.894 075	16	0.105 925	9.896 052	6	919	
082	9.790 136	9	9.894 091	16	0.105 909	9.896 046	6	918	
083	9.790 146	10	9.894 106	15	0.105 894	9.896 040	6	917	
084	9.790 156	10	9.894 122	16	0.105 878	9.896 034	6	916	
085	9.790 165	9	9.894 137	15	0.105 863	9.896 028	6	915	
086	9.790 175	10	9.894 153	16	0.105 847	9.896 022	6	914	
087	9.790 185	10	9.894 169	16	0.105 831	9.896 016	6	913	
088	9.790 194	9	9.894 184	15	0.105 816	9.896 010	6	912	
089	9.790 204	10	9.894 200	16	0.105 800	9.896 004	6	911	
.090	9.790 214	10	9.894 215	15	0.105 785	9.895 998	6	.910	
091	9.790 223	9	9.894 231	16	0.105 769	9.895 992	6	909	
092	9.790 233	10	9.894 247	16	0.105 753	9.895 986	6	908	
093	9.790 243	10	9.894 262	15	0.105 738	9.895 980	6	907	
094	9.790 252	9	9.894 278	16	0.105 722	9.895 975	5	906	
095	9.790 262	10	9.894 293	15	0.105 707	9.895 969	6	905	
096	9.790 272	10	9.894 309	16	0.105 691	9.895 963	6	904	
097	9.790 281	9	9.894 325	16	0.105 675	9.895 957	6	903	
098	9.790 291	10	9.894 340	15	0.105 660	9.895 951	6	902	
099	9.790 301	10	9.894 356	16	0.105 644	9.895 945	6	901	
.100	9.790 310	9	9.894 372	16	0.105 628	9.895 939	6	.900	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.950 — 51°.900

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

38°.100 — 38°.150

38°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.790 310		9.894 372		0.105 628	9.895 939		.900	
101	9.790 320	10	9.894 387	15	0.105 613	9.895 933	6	899	
102	9.790 330	10	9.894 403	16	0.105 597	9.895 927	6	898	
103	9.790 339	9	9.894 418	15	0.105 582	9.895 921	6	897	
104	9.790 349	10	9.894 434	16	0.105 566	9.895 915	6	896	
105	9.790 359	10	9.894 450	16	0.105 550	9.895 909	6	895	
106	9.790 368	9	9.894 465	15	0.105 535	9.895 903	6	894	
107	9.790 378	10	9.894 481	16	0.105 519	9.895 897	6	893	
108	9.790 388	10	9.894 496	15	0.105 504	9.895 891	6	892	
109	9.790 397	9	9.894 512	16	0.105 488	9.895 885	6	891	
.110	9.790 407	10	9.894 528	16	0.105 472	9.895 879	6	.890	
111	9.790 417	10	9.894 543	15	0.105 457	9.895 873	6	889	
112	9.790 426	9	9.894 559	16	0.105 441	9.895 868	5	888	
113	9.790 436	10	9.894 574	15	0.105 426	9.895 862	6	887	
114	9.790 446	10	9.894 590	16	0.105 410	9.895 856	6	886	
115	9.790 455	9	9.894 606	16	0.105 394	9.895 850	6	885	
116	9.790 465	10	9.894 621	15	0.105 379	9.895 844	6	884	
117	9.790 475	10	9.894 637	16	0.105 363	9.895 838	6	883	
118	9.790 484	9	9.894 653	16	0.105 347	9.895 832	6	882	
119	9.790 494	10	9.894 668	15	0.105 332	9.895 826	6	881	
.120	9.790 504	10	9.894 684	16	0.105 316	9.895 820	6	.880	
121	9.790 513	9	9.894 699	15	0.105 301	9.895 814	6	879	
122	9.790 523	10	9.894 715	16	0.105 285	9.895 808	6	878	
123	9.790 533	10	9.894 731	16	0.105 269	9.895 802	6	877	
124	9.790 542	9	9.894 746	15	0.105 254	9.895 796	6	876	
125	9.790 552	10	9.894 762	16	0.105 238	9.895 790	6	875	
126	9.790 562	10	9.894 777	15	0.105 223	9.895 784	6	874	
127	9.790 571	9	9.894 793	16	0.105 207	9.895 778	6	873	
128	9.790 581	10	9.894 809	16	0.105 191	9.895 772	6	872	
129	9.790 591	10	9.894 824	15	0.105 176	9.895 766	6	871	
.130	9.790 600	9	9.894 840	16	0.105 160	9.895 760	6	.870	
131	9.790 610	10	9.894 855	15	0.105 145	9.895 755	5	869	
132	9.790 620	10	9.894 871	16	0.105 129	9.895 749	6	868	
133	9.790 629	9	9.894 887	16	0.105 113	9.895 743	6	867	
134	9.790 639	10	9.894 902	15	0.105 098	9.895 737	6	866	
135	9.790 649	10	9.894 918	16	0.105 082	9.895 731	6	865	
136	9.790 658	9	9.894 933	15	0.105 067	9.895 725	6	864	
137	9.790 668	10	9.894 949	16	0.105 051	9.895 719	6	863	
138	9.790 678	10	9.894 965	16	0.105 035	9.895 713	6	862	
139	9.790 687	9	9.894 980	15	0.105 020	9.895 707	6	861	
.140	9.790 697	10	9.894 996	16	0.105 004	9.895 701	6	.860	
141	9.790 706	9	9.895 011	15	0.104 989	9.895 695	6	859	
142	9.790 716	10	9.895 027	16	0.104 973	9.895 689	6	858	
143	9.790 726	10	9.895 043	16	0.104 957	9.895 683	6	857	
144	9.790 735	9	9.895 058	15	0.104 942	9.895 677	6	856	
145	9.790 745	10	9.895 074	16	0.104 926	9.895 671	6	855	
146	9.790 755	10	9.895 089	15	0.104 911	9.895 665	6	854	
147	9.790 764	9	9.895 105	16	0.104 895	9.895 659	6	853	
148	9.790 774	10	9.895 121	16	0.104 879	9.895 653	6	852	
149	9.790 784	10	9.895 136	15	0.104 864	9.895 647	6	851	
.150	9.790 793	9	9.895 152	16	0.104 848	9.895 641	6	.850	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.900 — 51°.850

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

38°.150 — 38°.200

38°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.790 793	10	9.895 152	15	0.104 848	9.895 641	6	.850	
151	9.790 803	10	9.895 167	16	0.104 833	9.895 635	5	849	
152	9.790 813	9	9.895 183	16	0.104 817	9.895 630	6	848	
153	9.790 822	10	9.895 199	15	0.104 801	9.895 624	6	847	
154	9.790 832	10	9.895 214	16	0.104 786	9.895 618	6	846	
155	9.790 842	9	9.895 230	16	0.104 770	9.895 612	6	845	
156	9.790 851	10	9.895 246	15	0.104 754	9.895 606	6	844	
157	9.790 861	10	9.895 261	16	0.104 739	9.895 600	6	843	
158	9.790 871	9	9.895 277	15	0.104 723	9.895 594	6	842	
159	9.790 880	10	9.895 292	16	0.104 708	9.895 588	6	841	
.160	9.790 890	9	9.895 308	16	0.104 692	9.895 582	6	.840	
161	9.790 899	10	9.895 324	15	0.104 676	9.895 576	6	839	
162	9.790 909	10	9.895 339	16	0.104 661	9.895 570	6	838	
163	9.790 919	9	9.895 355	15	0.104 645	9.895 564	6	837	
164	9.790 928	10	9.895 370	16	0.104 630	9.895 558	6	836	
165	9.790 938	10	9.895 386	16	0.104 614	9.895 552	6	835	
166	9.790 948	9	9.895 402	15	0.104 598	9.895 546	6	834	
167	9.790 957	10	9.895 417	16	0.104 583	9.895 540	6	833	
168	9.790 967	10	9.895 433	15	0.104 567	9.895 534	6	832	
169	9.790 977	9	9.895 448	16	0.104 552	9.895 528	6	831	
.170	9.790 986	10	9.895 464	16	0.104 536	9.895 522	6	.830	
171	9.790 996	10	9.895 480	15	0.104 520	9.895 516	6	829	
172	9.791 006	9	9.895 495	16	0.104 505	9.895 510	6	828	
173	9.791 015	10	9.895 511	15	0.104 489	9.895 504	6	827	
174	9.791 025	9	9.895 526	16	0.104 474	9.895 498	5	826	
175	9.791 034	10	9.895 542	16	0.104 458	9.895 493	6	825	
176	9.791 044	10	9.895 558	15	0.104 442	9.895 487	6	824	
177	9.791 054	9	9.895 573	16	0.104 427	9.895 481	6	823	
178	9.791 063	10	9.895 589	15	0.104 411	9.895 475	6	822	
179	9.791 073	10	9.895 604	16	0.104 396	9.895 469	6	821	
.180	9.791 083	9	9.895 620	16	0.104 380	9.895 463	6	.820	
181	9.791 092	10	9.895 636	15	0.104 364	9.895 457	6	819	
182	9.791 102	10	9.895 651	16	0.104 349	9.895 451	6	818	
183	9.791 112	9	9.895 667	15	0.104 333	9.895 445	6	817	
184	9.791 121	10	9.895 682	16	0.104 318	9.895 439	6	816	
185	9.791 131	9	9.895 698	16	0.104 302	9.895 433	6	815	
186	9.791 140	10	9.895 714	15	0.104 286	9.895 427	6	814	
187	9.791 150	10	9.895 729	16	0.104 271	9.895 421	6	813	
188	9.791 160	9	9.895 745	15	0.104 255	9.895 415	6	812	
189	9.791 169	10	9.895 760	16	0.104 240	9.895 409	6	811	
.190	9.791 179	10	9.895 776	16	0.104 224	9.895 403	6	.810	
191	9.791 189	9	9.895 792	15	0.104 208	9.895 397	6	809	
192	9.791 198	10	9.895 807	16	0.104 193	9.895 391	6	808	
193	9.791 208	10	9.895 823	15	0.104 177	9.895 385	6	807	
194	9.791 218	9	9.895 838	16	0.104 162	9.895 379	6	806	
195	9.791 227	10	9.895 854	16	0.104 146	9.895 373	6	805	
196	9.791 237	9	9.895 870	15	0.104 130	9.895 367	6	804	
197	9.791 246	10	9.895 885	16	0.104 115	9.895 361	6	803	
198	9.791 256	10	9.895 901	15	0.104 099	9.895 355	6	802	
199	9.791 266	9	9.895 916	16	0.104 084	9.895 349	6	801	
.200	9.791 275	10	9.895 932	16	0.104 068	9.895 343	6	.800	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.850 — 51°.800

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

38°.200 — 38°.250

38°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.791 275	10	9.895 932	16	0.104 068	9.895 343	5	.800	
201	9.791 285	10	9.895 948	15	0.104 052	9.895 338	6	799	
202	9.791 295	9	9.895 963	16	0.104 037	9.895 332	6	798	
203	9.791 304	10	9.895 979	15	0.104 021	9.895 326	6	797	
204	9.791 314	10	9.895 994	16	0.104 006	9.895 320	6	796	
205	9.791 324	9	9.896 010	15	0.103 990	9.895 314	6	795	
206	9.791 333	10	9.896 025	16	0.103 975	9.895 308	6	794	
207	9.791 343	9	9.896 041	16	0.103 959	9.895 302	6	793	
208	9.791 352	10	9.896 057	15	0.103 943	9.895 296	6	792	
209	9.791 362	10	9.896 072	16	0.103 928	9.895 290	6	791	
.210	9.791 372	9	9.896 088	15	0.103 912	9.895 284	6	.790	
211	9.791 381	10	9.896 103	16	0.103 897	9.895 278	6	789	
212	9.791 391	10	9.896 119	16	0.103 881	9.895 272	6	788	
213	9.791 401	9	9.896 135	15	0.103 865	9.895 266	6	787	
214	9.791 410	10	9.896 150	16	0.103 850	9.895 260	6	786	
215	9.791 420	9	9.896 166	15	0.103 834	9.895 254	6	785	
216	9.791 429	10	9.896 181	16	0.103 819	9.895 248	6	784	
217	9.791 439	10	9.896 197	16	0.103 803	9.895 242	6	783	
218	9.791 449	9	9.896 213	15	0.103 787	9.895 236	6	782	
219	9.791 458	10	9.896 228	16	0.103 772	9.895 230	6	781	
.220	9.791 468	10	9.896 244	15	0.103 756	9.895 224	6	.780	
221	9.791 478	9	9.896 259	16	0.103 741	9.895 218	6	779	
222	9.791 487	10	9.896 275	16	0.103 725	9.895 212	6	778	
223	9.791 497	9	9.896 291	15	0.103 709	9.895 206	6	777	
224	9.791 506	10	9.896 306	16	0.103 694	9.895 200	6	776	
225	9.791 516	10	9.896 322	15	0.103 678	9.895 194	6	775	
226	9.791 526	9	9.896 337	16	0.103 663	9.895 188	6	774	
227	9.791 535	10	9.896 353	16	0.103 647	9.895 182	6	773	
228	9.791 545	10	9.896 369	15	0.103 631	9.895 176	6	772	
229	9.791 555	9	9.896 384	16	0.103 616	9.895 170	6	771	
.230	9.791 564	10	9.896 400	15	0.103 600	9.895 164	6	.770	
231	9.791 574	9	9.896 415	16	0.103 585	9.895 158	6	769	
232	9.791 583	10	9.896 431	16	0.103 569	9.895 152	5	768	
233	9.791 593	10	9.896 447	15	0.103 553	9.895 147	6	767	
234	9.791 603	9	9.896 462	16	0.103 538	9.895 141	6	766	
235	9.791 612	10	9.896 478	15	0.103 522	9.895 135	6	765	
236	9.791 622	10	9.896 493	16	0.103 507	9.895 129	6	764	
237	9.791 632	9	9.896 509	16	0.103 491	9.895 123	6	763	
238	9.791 641	10	9.896 525	15	0.103 475	9.895 117	6	762	
239	9.791 651	9	9.896 540	16	0.103 460	9.895 111	6	761	
.240	9.791 660	10	9.896 556	15	0.103 444	9.895 105	6	.760	
241	9.791 670	10	9.896 571	16	0.103 429	9.895 099	6	759	
242	9.791 680	9	9.896 587	15	0.103 413	9.895 093	6	758	
243	9.791 689	10	9.896 602	16	0.103 398	9.895 087	6	757	
244	9.791 699	9	9.896 618	16	0.103 382	9.895 081	6	756	
245	9.791 708	10	9.896 634	15	0.103 366	9.895 075	6	755	
246	9.791 718	10	9.896 649	16	0.103 351	9.895 069	6	754	
247	9.791 728	9	9.896 665	15	0.103 335	9.895 063	6	753	
248	9.791 737	10	9.896 680	16	0.103 320	9.895 057	6	752	
249	9.791 747	10	9.896 696	16	0.103 304	9.895 051	6	751	
.250	9.791 757	10	9.896 712	16	0.103 288	9.895 045	6	.750	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.800 — 51°.750

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

38°.250 — 38°.300

38°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.791 757		9.896 712		0.103 288	9.895 045		.750	
251	9.791 766	9	9.896 727	15	0.103 273	9.895 039	6	749	
252	9.791 776	10	9.896 743	16	0.103 257	9.895 033	6	748	
253	9.791 785	9	9.896 758	15	0.103 242	9.895 027	6	747	
		10		16			6		
254	9.791 795	10	9.896 774	16	0.103 226	9.895 021	6	746	
255	9.791 805	9	9.896 790	15	0.103 210	9.895 015	6	745	
256	9.791 814	10	9.896 805	16	0.103 195	9.895 009	6	744	
		10		16			6		
257	9.791 824	9	9.896 821	15	0.103 179	9.895 003	6	743	
258	9.791 833	10	9.896 836	16	0.103 164	9.894 997	6	742	
259	9.791 843	10	9.896 852	15	0.103 148	9.894 991	6	741	
.260	9.791 853	9	9.896 867	16	0.103 133	9.894 985	6	.740	
261	9.791 862	10	9.896 883	16	0.103 117	9.894 979	6	739	
262	9.791 872	10	9.896 899	15	0.103 101	9.894 973	6	738	
263	9.791 882	9	9.896 914	16	0.103 086	9.894 967	6	737	
		10		16			6		
264	9.791 891	10	9.896 930	15	0.103 070	9.894 961	6	736	
265	9.791 901	9	9.896 945	16	0.103 055	9.894 955	6	735	
266	9.791 910	10	9.896 961	16	0.103 039	9.894 949	6	734	
		10		16			6		
267	9.791 920	10	9.896 977	15	0.103 023	9.894 943	6	733	
268	9.791 930	9	9.896 992	16	0.103 008	9.894 937	6	732	
269	9.791 939	10	9.897 008	15	0.102 992	9.894 931	6	731	
.270	9.791 949	9	9.897 023	16	0.102 977	9.894 925	6	.730	
271	9.791 958	10	9.897 039	16	0.102 961	9.894 919	6	729	
272	9.791 968	10	9.897 055	15	0.102 945	9.894 913	6	728	
273	9.791 978	9	9.897 070	16	0.102 930	9.894 907	6	727	
		10		16			6		
274	9.791 987	10	9.897 086	15	0.102 914	9.894 901	5	726	
275	9.791 997	9	9.897 101	16	0.102 899	9.894 896	6	725	
276	9.792 006	10	9.897 117	15	0.102 883	9.894 890	6	724	
		10		15			6		
277	9.792 016	10	9.897 132	16	0.102 868	9.894 884	6	723	
278	9.792 026	9	9.897 148	16	0.102 852	9.894 878	6	722	
279	9.792 035	10	9.897 164	15	0.102 836	9.894 872	6	721	
.280	9.792 045	9	9.897 179	16	0.102 821	9.894 866	6	.720	
281	9.792 054	10	9.897 195	15	0.102 805	9.894 860	6	719	
282	9.792 064	10	9.897 210	16	0.102 790	9.894 854	6	718	
283	9.792 074	9	9.897 226	16	0.102 774	9.894 848	6	717	
		10		15			6		
284	9.792 083	10	9.897 242	15	0.102 758	9.894 842	6	716	
285	9.792 093	9	9.897 257	16	0.102 743	9.894 836	6	715	
286	9.792 102	10	9.897 273	15	0.102 727	9.894 830	6	714	
		10		16			6		
287	9.792 112	10	9.897 288	16	0.102 712	9.894 824	6	713	
288	9.792 122	9	9.897 304	16	0.102 696	9.894 818	6	712	
289	9.792 131	10	9.897 320	15	0.102 680	9.894 812	6	711	
.290	9.792 141	9	9.897 335	16	0.102 665	9.894 806	6	.710	
291	9.792 150	10	9.897 351	15	0.102 649	9.894 800	6	709	
292	9.792 160	10	9.897 366	16	0.102 634	9.894 794	6	708	
293	9.792 170	9	9.897 382	15	0.102 618	9.894 788	6	707	
		10		16			6		
294	9.792 179	10	9.897 397	16	0.102 603	9.894 782	6	706	
295	9.792 189	9	9.897 413	16	0.102 587	9.894 776	6	705	
296	9.792 198	10	9.897 429	15	0.102 571	9.894 770	6	704	
		10		16			6		
297	9.792 208	10	9.897 444	16	0.102 556	9.894 764	6	703	
298	9.792 218	9	9.897 460	15	0.102 540	9.894 758	6	702	
299	9.792 227	10	9.897 475	16	0.102 525	9.894 752	6	701	
.300	9.792 237	9	9.897 491	15	0.102 509	9.894 746	6	.700	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.750 — 51°.700

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6	5
1	0.6	0.5
2	1.2	1.0
3	1.8	1.5
4	2.4	2.0
5	3.0	2.5
6	3.6	3.0
7	4.2	3.5
8	4.8	4.0
9	5.4	4.5

38°.300 — 38°.350

38°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.792 237		9.897 491		0.102 509	9.894 746		.700	
301	9.792 246	9	9.897 507	16	0.102 493	9.894 740	6	699	
302	9.792 256	10	9.897 522	15	0.102 478	9.894 734	6	698	
303	9.792 266	10	9.897 538	16	0.102 462	9.894 728	6	697	
		9		15			6		
304	9.792 275	10	9.897 553	16	0.102 447	9.894 722	6	696	
305	9.792 285	9	9.897 569	15	0.102 431	9.894 716	6	695	
306	9.792 294	10	9.897 584	16	0.102 416	9.894 710	6	694	
		10		16			6		
307	9.792 304	10	9.897 600	16	0.102 400	9.894 704	6	693	
308	9.792 314	9	9.897 616	15	0.102 384	9.894 698	6	692	
309	9.792 323	10	9.897 631	16	0.102 369	9.894 692	6	691	
.310	9.792 333	9	9.897 647	15	0.102 353	9.894 686	6	.690	
		10		16			6		
311	9.792 342	9	9.897 662	15	0.102 338	9.894 680	6	689	
312	9.792 352	10	9.897 678	16	0.102 322	9.894 674	6	688	
313	9.792 362	10	9.897 694	16	0.102 306	9.894 668	6	687	
		9		15			6		
314	9.792 371	10	9.897 709	16	0.102 291	9.894 662	6	686	
315	9.792 381	9	9.897 725	15	0.102 275	9.894 656	6	685	
316	9.792 390	10	9.897 740	16	0.102 260	9.894 650	6	684	
		10		16			6		
317	9.792 400	10	9.897 756	15	0.102 244	9.894 644	6	683	
318	9.792 410	9	9.897 771	15	0.102 229	9.894 638	6	682	
319	9.792 419	10	9.897 787	16	0.102 213	9.894 632	6	681	
.320	9.792 429	9	9.897 803	15	0.102 197	9.894 626	6	.680	
		10		16			6		
321	9.792 438	10	9.897 818	16	0.102 182	9.894 620	6	679	
322	9.792 448	10	9.897 834	15	0.102 166	9.894 614	6	678	
323	9.792 458	9	9.897 849	16	0.102 151	9.894 608	6	677	
		10		16			6		
324	9.792 467	10	9.897 865	16	0.102 135	9.894 602	6	676	
325	9.792 477	9	9.897 881	15	0.102 119	9.894 596	6	675	
326	9.792 486	10	9.897 896	16	0.102 104	9.894 590	6	674	
		10		16			6		
327	9.792 496	9	9.897 912	15	0.102 088	9.894 584	6	673	
328	9.792 505	10	9.897 927	16	0.102 073	9.894 578	6	672	
329	9.792 515	10	9.897 943	15	0.102 057	9.894 572	6	671	
.330	9.792 525	9	9.897 958	16	0.102 042	9.894 566	6	.670	
		10		16			6		
331	9.792 534	10	9.897 974	16	0.102 026	9.894 560	6	669	
332	9.792 544	9	9.897 990	15	0.102 010	9.894 554	6	668	
333	9.792 553	10	9.898 005	16	0.101 995	9.894 548	6	667	
		10		15			6		
334	9.792 563	10	9.898 021	15	0.101 979	9.894 542	6	666	
335	9.792 573	9	9.898 036	16	0.101 964	9.894 536	6	665	
336	9.792 582	10	9.898 052	15	0.101 948	9.894 530	6	664	
		10		16			6		
337	9.792 592	9	9.898 067	16	0.101 933	9.894 524	6	663	
338	9.792 601	10	9.898 083	16	0.101 917	9.894 518	6	662	
339	9.792 611	10	9.898 099	15	0.101 901	9.894 512	6	661	
.340	9.792 621	9	9.898 114	16	0.101 886	9.894 506	6	.660	
		10		15			6		
341	9.792 630	10	9.898 130	15	0.101 870	9.894 500	6	659	
342	9.792 640	9	9.898 145	16	0.101 855	9.894 494	6	658	
343	9.792 649	10	9.898 161	16	0.101 839	9.894 488	6	657	
		10		16			6		
344	9.792 659	9	9.898 177	15	0.101 823	9.894 482	6	656	
345	9.792 668	10	9.898 192	16	0.101 808	9.894 476	6	655	
346	9.792 678	10	9.898 208	15	0.101 792	9.894 470	6	654	
		10		15			6		
347	9.792 688	9	9.898 223	16	0.101 777	9.894 464	6	653	
348	9.792 697	10	9.898 239	15	0.101 761	9.894 458	6	652	
349	9.792 707	9	9.898 254	16	0.101 746	9.894 452	6	651	
.350	9.792 716	10	9.898 270	16	0.101 730	9.894 446	6	.650	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.700 — 51°.650

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

38°.350 — 38°.400

38°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.792 716	10	9.898 270	16	0.101 730	9.894 446	6	.650	
351	9.792 726	9	9.898 286	15	0.101 714	9.894 440	6	649	
352	9.792 735	10	9.898 301	16	0.101 699	9.894 434	6	648	
353	9.792 745	10	9.898 317	15	0.101 683	9.894 428	6	647	
354	9.792 755	9	9.898 332	16	0.101 668	9.894 422	6	646	
355	9.792 764	10	9.898 348	15	0.101 652	9.894 416	6	645	
356	9.792 774	9	9.898 363	16	0.101 637	9.894 410	6	644	
357	9.792 783	10	9.898 379	16	0.101 621	9.894 404	6	643	
358	9.792 793	10	9.898 395	15	0.101 605	9.894 398	6	642	
359	9.792 803	9	9.898 410	16	0.101 590	9.894 392	6	641	
.360	9.792 812	10	9.898 426	15	0.101 574	9.894 386	6	.640	
361	9.792 822	9	9.898 441	16	0.101 559	9.894 380	6	639	
362	9.792 831	10	9.898 457	15	0.101 543	9.894 374	6	638	
363	9.792 841	9	9.898 472	16	0.101 528	9.894 368	6	637	
364	9.792 850	10	9.898 488	16	0.101 512	9.894 362	6	636	
365	9.792 860	10	9.898 504	15	0.101 496	9.894 356	6	635	
366	9.792 870	9	9.898 519	16	0.101 481	9.894 350	6	634	
367	9.792 879	10	9.898 535	15	0.101 465	9.894 344	6	633	
368	9.792 889	9	9.898 550	16	0.101 450	9.894 338	6	632	
369	9.792 898	10	9.898 566	16	0.101 434	9.894 332	6	631	
.370	9.792 908	9	9.898 582	15	0.101 418	9.894 326	6	.630	
371	9.792 917	10	9.898 597	16	0.101 403	9.894 320	6	629	
372	9.792 927	10	9.898 613	15	0.101 387	9.894 314	6	628	
373	9.792 937	9	9.898 628	16	0.101 372	9.894 308	6	627	
374	9.792 946	10	9.898 644	15	0.101 356	9.894 302	6	626	
375	9.792 956	9	9.898 659	16	0.101 341	9.894 296	6	625	
376	9.792 965	10	9.898 675	16	0.101 325	9.894 290	6	624	
377	9.792 975	9	9.898 691	15	0.101 309	9.894 284	6	623	
378	9.792 984	10	9.898 706	16	0.101 294	9.894 278	6	622	
379	9.792 994	10	9.898 722	15	0.101 278	9.894 272	6	621	
.380	9.793 004	9	9.898 737	16	0.101 263	9.894 266	6	.620	
381	9.793 013	10	9.898 753	15	0.101 247	9.894 260	6	619	
382	9.793 023	9	9.898 768	16	0.101 232	9.894 254	6	618	
383	9.793 032	10	9.898 784	16	0.101 216	9.894 248	6	617	
384	9.793 042	9	9.898 800	15	0.101 200	9.894 242	6	616	
385	9.793 051	10	9.898 815	16	0.101 185	9.894 236	6	615	
386	9.793 061	10	9.898 831	15	0.101 169	9.894 230	6	614	
387	9.793 071	9	9.898 846	16	0.101 154	9.894 224	6	613	
388	9.793 080	10	9.898 862	15	0.101 138	9.894 218	6	612	
389	9.793 090	9	9.898 877	16	0.101 123	9.894 212	6	611	
.390	9.793 099	10	9.898 893	16	0.101 107	9.894 206	6	.610	
391	9.793 109	9	9.898 909	15	0.101 091	9.894 200	6	609	
392	9.793 118	10	9.898 924	16	0.101 076	9.894 194	6	608	
393	9.793 128	10	9.898 940	15	0.101 060	9.894 188	6	607	
394	9.793 138	9	9.898 955	16	0.101 045	9.894 182	6	606	
395	9.793 147	10	9.898 971	15	0.101 029	9.894 176	6	605	
396	9.793 157	9	9.898 986	16	0.101 014	9.894 170	6	604	
397	9.793 166	10	9.899 002	16	0.100 998	9.894 164	6	603	
398	9.793 176	9	9.899 018	15	0.100 982	9.894 158	6	602	
399	9.793 185	10	9.899 033	16	0.100 967	9.894 152	6	601	
.400	9.793 195	9	9.899 049	16	0.100 951	9.894 146	6	.600	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.650 — 51°.600

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

38°.400 — 38°.450

38°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.793 195		9.899 049		0.100 951	9.894 146		.600	
401	9.793 205	10	9.899 064	15	0.100 936	9.894 140	6	599	
402	9.793 214	9	9.899 080	16	0.100 920	9.894 134	6	598	
403	9.793 224	10	9.899 095	15	0.100 905	9.894 128	6	597	
		9		16			6		
404	9.793 233	10	9.899 111	16	0.100 889	9.894 122	6	596	
405	9.793 243	9	9.899 127	15	0.100 873	9.894 116	6	595	
406	9.793 252	10	9.899 142	16	0.100 858	9.894 110	6	594	
		9		15			6		
407	9.793 262	10	9.899 158	16	0.100 842	9.894 104	6	593	
408	9.793 271	9	9.899 173	15	0.100 827	9.894 098	6	592	
409	9.793 281	10	9.899 189	16	0.100 811	9.894 092	6	591	
		9		15			6		
.410	9.793 291	10	9.899 204	16	0.100 796	9.894 086	6	.590	
		9		16			6		
411	9.793 300	10	9.899 220	16	0.100 780	9.894 080	6	589	
412	9.793 310	9	9.899 236	15	0.100 764	9.894 074	6	588	
413	9.793 319	10	9.899 251	16	0.100 749	9.894 068	6	587	
		9		16			6		
414	9.793 329	10	9.899 267	15	0.100 733	9.894 062	6	586	
415	9.793 338	9	9.899 282	16	0.100 718	9.894 056	6	585	
416	9.793 348	10	9.899 298	16	0.100 702	9.894 050	6	584	
		9		15			6		
417	9.793 357	10	9.899 313	16	0.100 687	9.894 044	6	583	
418	9.793 367	9	9.899 329	16	0.100 671	9.894 038	6	582	
419	9.793 377	10	9.899 345	16	0.100 655	9.894 032	6	581	
		9		15			6		
.420	9.793 386	10	9.899 360	16	0.100 640	9.894 026	6	.580	
		9		15			6		
421	9.793 396	10	9.899 376	16	0.100 624	9.894 020	6	579	
422	9.793 405	9	9.899 391	16	0.100 609	9.894 014	6	578	
423	9.793 415	10	9.899 407	16	0.100 593	9.894 008	6	577	
		9		15			6		
424	9.793 424	10	9.899 422	16	0.100 578	9.894 002	6	576	
425	9.793 434	9	9.899 438	16	0.100 562	9.893 996	6	575	
426	9.793 443	10	9.899 454	16	0.100 546	9.893 990	6	574	
		9		15			6		
427	9.793 453	10	9.899 469	16	0.100 531	9.893 984	6	573	
428	9.793 463	9	9.899 485	16	0.100 515	9.893 978	6	572	
429	9.793 472	10	9.899 500	16	0.100 500	9.893 972	6	571	
		9		15			6		
.430	9.793 482	10	9.899 516	16	0.100 484	9.893 966	6	.570	
		9		15			6		
431	9.793 491	10	9.899 531	16	0.100 469	9.893 960	6	569	
432	9.793 501	9	9.899 547	15	0.100 453	9.893 954	6	568	
433	9.793 510	10	9.899 562	16	0.100 438	9.893 948	6	567	
		9		16			6		
434	9.793 520	10	9.899 578	16	0.100 422	9.893 942	6	566	
435	9.793 529	9	9.899 594	15	0.100 406	9.893 936	6	565	
436	9.793 539	10	9.899 609	16	0.100 391	9.893 930	6	564	
		9		15			6		
437	9.793 549	10	9.899 625	16	0.100 375	9.893 924	6	563	
438	9.793 558	9	9.899 640	16	0.100 360	9.893 918	6	562	
439	9.793 568	10	9.899 656	16	0.100 344	9.893 912	6	561	
		9		15			6		
.440	9.793 577	10	9.899 671	16	0.100 329	9.893 906	6	.560	
		9		16			6		
441	9.793 587	10	9.899 687	16	0.100 313	9.893 900	6	559	
442	9.793 596	9	9.899 703	15	0.100 297	9.893 894	6	558	
443	9.793 606	10	9.899 718	16	0.100 282	9.893 888	6	557	
		9		16			6		
444	9.793 615	10	9.899 734	15	0.100 266	9.893 882	6	556	
445	9.793 625	9	9.899 749	16	0.100 251	9.893 876	6	555	
446	9.793 634	10	9.899 765	16	0.100 235	9.893 870	6	554	
		9		15			6		
447	9.793 644	10	9.899 780	16	0.100 220	9.893 864	6	553	
448	9.793 654	9	9.899 796	16	0.100 204	9.893 858	6	552	
449	9.793 663	10	9.899 812	16	0.100 188	9.893 852	6	551	
		9		15			6		
.450	9.793 673	10	9.899 827	15	0.100 173	9.893 846	6	.550	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.600 — 51°.550

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	6
1	0.6
2	1.2
3	1.8
4	2.4
5	3.0
6	3.6
7	4.2
8	4.8
9	5.4

38°.450 — 38°.500

38°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.793 673		9.899 827		0.100 173	9.893 846		.550	
451	9.793 682	9	9.899 843	16	0.100 157	9.893 840	6	549	
452	9.793 692	10	9.899 858	15	0.100 142	9.893 834	6	548	
453	9.793 701	9	9.899 874	16	0.100 126	9.893 828	6	547	
		10		15			7		
454	9.793 711	9	9.899 889	16	0.100 111	9.893 821	6	546	
455	9.793 720	10	9.899 905	16	0.100 095	9.893 815	6	545	
456	9.793 730	9	9.899 921	16	0.100 079	9.893 809	6	544	
		10		15			6		
457	9.793 739	9	9.899 936	16	0.100 064	9.893 803	6	543	
458	9.793 749	10	9.899 952	16	0.100 048	9.893 797	6	542	
459	9.793 759	9	9.899 967	15	0.100 033	9.893 791	6	541	
		10		16			6		
.460	9.793 768		9.899 983		0.100 017	9.893 785		.540	
461	9.793 778	9	9.899 998	15	0.100 002	9.893 779	6	539	
462	9.793 787	10	9.900 014	16	0.099 986	9.893 773	6	538	
463	9.793 797	9	9.900 029	15	0.099 971	9.893 767	6	537	
		10		16			6		
464	9.793 806	9	9.900 045	16	0.099 955	9.893 761	6	536	
465	9.793 816	10	9.900 061	16	0.099 939	9.893 755	6	535	
466	9.793 825	9	9.900 076	15	0.099 924	9.893 749	6	534	
		10		16			6		
467	9.793 835	9	9.900 092	15	0.099 908	9.893 743	6	533	
468	9.793 844	10	9.900 107	15	0.099 893	9.893 737	6	532	
469	9.793 854	9	9.900 123	16	0.099 877	9.893 731	6	531	
		10		15			6		
.470	9.793 864		9.900 138		0.099 862	9.893 725		.530	
471	9.793 873	9	9.900 154	16	0.099 846	9.893 719	6	529	
472	9.793 883	10	9.900 170	16	0.099 830	9.893 713	6	528	
473	9.793 892	9	9.900 185	15	0.099 815	9.893 707	6	527	
		10		16			6		
474	9.793 902	9	9.900 201	15	0.099 799	9.893 701	6	526	
475	9.793 911	10	9.900 216	16	0.099 784	9.893 695	6	525	
476	9.793 921	9	9.900 232	16	0.099 768	9.893 689	6	524	
		10		15			6		
477	9.793 930	9	9.900 247	16	0.099 753	9.893 683	6	523	
478	9.793 940	10	9.900 263	16	0.099 737	9.893 677	6	522	
479	9.793 949	9	9.900 278	15	0.099 722	9.893 671	6	521	
		10		16			6		
.480	9.793 959		9.900 294		0.099 706	9.893 665		.520	
481	9.793 968	9	9.900 310	16	0.099 690	9.893 659	6	519	
482	9.793 978	10	9.900 325	15	0.099 675	9.893 653	6	518	
483	9.793 988	9	9.900 341	16	0.099 659	9.893 647	6	517	
		10		15			6		
484	9.793 997	9	9.900 356	16	0.099 644	9.893 641	6	516	
485	9.794 007	10	9.900 372	16	0.099 628	9.893 635	6	515	
486	9.794 016	9	9.900 387	15	0.099 613	9.893 629	6	514	
		10		16			6		
487	9.794 026	9	9.900 403	15	0.099 597	9.893 623	6	513	
488	9.794 035	10	9.900 418	16	0.099 582	9.893 617	6	512	
489	9.794 045	9	9.900 434	16	0.099 566	9.893 611	6	511	
		10		15			6		
.490	9.794 054		9.900 450		0.099 550	9.893 605		.510	
491	9.794 064	9	9.900 465	16	0.099 535	9.893 599	6	509	
492	9.794 073	10	9.900 481	15	0.099 519	9.893 593	6	508	
493	9.794 083	9	9.900 496	16	0.099 504	9.893 587	6	507	
		10		15			6		
494	9.794 092	9	9.900 512	16	0.099 488	9.893 581	6	506	
495	9.794 102	10	9.900 527	15	0.099 473	9.893 575	6	505	
496	9.794 111	9	9.900 543	16	0.099 457	9.893 568	7	504	
		10		16			6		
497	9.794 121	9	9.900 559	15	0.099 441	9.893 562	6	503	
498	9.794 131	10	9.900 574	15	0.099 426	9.893 556	6	502	
499	9.794 140	9	9.900 590	16	0.099 410	9.893 550	6	501	
		10		15			6		
.500	9.794 150		9.900 605		0.099 395	9.893 544		.500	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.550 — 51°.500

38°.500 — 38°.550

38°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.794 150		9.900 605		0.099 395	9.893 544		.500	
501	9.794 159	9	9.900 621	16	0.099 379	9.893 538	6	499	
502	9.794 169	10	9.900 636	15	0.099 364	9.893 532	6	498	
503	9.794 178	9	9.900 652	16	0.099 348	9.893 526	6	497	
		10					6		
504	9.794 188	9	9.900 667	15	0.099 333	9.893 520	6	496	
505	9.794 197	10	9.900 683	16	0.099 317	9.893 514	6	495	
506	9.794 207	9	9.900 699	16	0.099 301	9.893 508	6	494	
		10					6		
507	9.794 216	9	9.900 714	15	0.099 286	9.893 502	6	493	
508	9.794 226	10	9.900 730	16	0.099 270	9.893 496	6	492	
509	9.794 235	9	9.900 745	15	0.099 255	9.893 490	6	491	
		10					6		
.510	9.794 245		9.900 761		0.099 239	9.893 484		.490	
		9		15			6		
511	9.794 254	10	9.900 776	16	0.099 224	9.893 478	6	489	
512	9.794 264	9	9.900 792	16	0.099 208	9.893 472	6	488	
513	9.794 273	10	9.900 807	15	0.099 193	9.893 466	6	487	
		10					6		
514	9.794 283	9	9.900 823	16	0.099 177	9.893 460	6	486	
515	9.794 292	10	9.900 839	16	0.099 161	9.893 454	6	485	
516	9.794 302	9	9.900 854	15	0.099 146	9.893 448	6	484	
		10					6		
517	9.794 312	9	9.900 870	16	0.099 130	9.893 442	6	483	
518	9.794 321	10	9.900 885	15	0.099 115	9.893 436	6	482	
519	9.794 331	9	9.900 901	16	0.099 099	9.893 430	6	481	
		10					6		
.520	9.794 340		9.900 916		0.099 084	9.893 424		.480	
		9		15			6		
521	9.794 350	10	9.900 932	16	0.099 068	9.893 418	6	479	
522	9.794 359	9	9.900 947	15	0.099 053	9.893 412	6	478	
523	9.794 369	10	9.900 963	16	0.099 037	9.893 406	6	477	
		9		16			6		
524	9.794 378	10	9.900 979	15	0.099 021	9.893 400	6	476	
525	9.794 388	9	9.900 994	16	0.099 006	9.893 394	6	475	
526	9.794 397	10	9.901 010	16	0.098 990	9.893 388	6	474	
		10					6		
527	9.794 407	9	9.901 025	15	0.098 975	9.893 382	7	473	
528	9.794 416	10	9.901 041	16	0.098 959	9.893 375	6	472	
529	9.794 426	9	9.901 056	15	0.098 944	9.893 369	6	471	
		10					6		
.530	9.794 435		9.901 072		0.098 928	9.893 363		.470	
		9		16			6		
531	9.794 445	10	9.901 087	15	0.098 913	9.893 357	6	469	
532	9.794 454	9	9.901 103	16	0.098 897	9.893 351	6	468	
533	9.794 464	10	9.901 119	16	0.098 881	9.893 345	6	467	
		9		15			6		
534	9.794 473	10	9.901 134	16	0.098 866	9.893 339	6	466	
535	9.794 483	9	9.901 150	15	0.098 850	9.893 333	6	465	
536	9.794 492	10	9.901 165	16	0.098 835	9.893 327	6	464	
		10					6		
537	9.794 502	9	9.901 181	15	0.098 819	9.893 321	6	463	
538	9.794 511	10	9.901 196	16	0.098 804	9.893 315	6	462	
539	9.794 521	9	9.901 212	15	0.098 788	9.893 309	6	461	
		10					6		
.540	9.794 530		9.901 227		0.098 773	9.893 303		.460	
		9		16			6		
541	9.794 540	10	9.901 243	16	0.098 757	9.893 297	6	459	
542	9.794 549	9	9.901 259	16	0.098 741	9.893 291	6	458	
543	9.794 559	10	9.901 274	15	0.098 726	9.893 285	6	457	
		10					6		
544	9.794 569	9	9.901 290	16	0.098 710	9.893 279	6	456	
545	9.794 578	10	9.901 305	15	0.098 695	9.893 273	6	455	
546	9.794 588	9	9.901 321	16	0.098 679	9.893 267	6	454	
		10					6		
547	9.794 597	9	9.901 336	15	0.098 664	9.893 261	6	453	
548	9.794 607	10	9.901 352	16	0.098 648	9.893 255	6	452	
549	9.794 616	9	9.901 367	15	0.098 633	9.893 249	6	451	
		10					6		
.550	9.794 626		9.901 383		0.098 617	9.893 243		.450	
		9		16			6		
	cos	d	cotg	d	tang	sin	d	51°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.550 — 38°.600

38°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.794 626		9.901 383		0.098 617	9.893 243		.450	
551	9.794 635	9	9.901 399	16	0.098 601	9.893 237	6	449	
552	9.794 645	10	9.901 414	15	0.098 586	9.893 231	6	448	
553	9.794 654	9	9.901 430	16	0.098 570	9.893 225	6	447	
		10		15			7		
554	9.794 664	9	9.901 445	16	0.098 555	9.893 218	6	446	
555	9.794 673	10	9.901 461	15	0.098 539	9.893 212	6	445	
556	9.794 683	9	9.901 476	16	0.098 524	9.893 206	6	444	
		10		15			6		
557	9.794 692	9	9.901 492	16	0.098 508	9.893 200	6	443	
558	9.794 702	10	9.901 507	15	0.098 493	9.893 194	6	442	
559	9.794 711	9	9.901 523	16	0.098 477	9.893 188	6	441	
		10		15			6		
.560	9.794 721	9	9.901 538	16	0.098 462	9.893 182	6	.440	
561	9.794 730	10	9.901 554	16	0.098 446	9.893 176	6	439	
562	9.794 740	9	9.901 570	15	0.098 430	9.893 170	6	438	
563	9.794 749	10	9.901 585	16	0.098 415	9.893 164	6	437	
		9		15			6		
564	9.794 759	9	9.901 601	15	0.098 399	9.893 158	6	436	
565	9.794 768	10	9.901 616	16	0.098 384	9.893 152	6	435	
566	9.794 778	9	9.901 632	15	0.098 368	9.893 146	6	434	
		10		16			6		
567	9.794 787	9	9.901 647	15	0.098 353	9.893 140	6	433	
568	9.794 797	10	9.901 663	16	0.098 337	9.893 134	6	432	
569	9.794 806	9	9.901 678	15	0.098 322	9.893 128	6	431	
		10		16			6		
.570	9.794 816	9	9.901 694	16	0.098 306	9.893 122	6	.430	
571	9.794 825	10	9.901 710	15	0.098 290	9.893 116	6	429	
572	9.794 835	9	9.901 725	16	0.098 275	9.893 110	6	428	
573	9.794 844	10	9.901 741	15	0.098 259	9.893 104	6	427	
		9		16			6		
574	9.794 854	9	9.901 756	16	0.098 244	9.893 098	6	426	
575	9.794 863	10	9.901 772	15	0.098 228	9.893 092	6	425	
576	9.794 873	9	9.901 787	16	0.098 213	9.893 086	6	424	
		10		15			7		
577	9.794 882	9	9.901 803	15	0.098 197	9.893 079	6	423	
578	9.794 892	10	9.901 818	16	0.098 182	9.893 073	6	422	
579	9.794 901	9	9.901 834	15	0.098 166	9.893 067	6	421	
		10		16			6		
.580	9.794 911	9	9.901 849	16	0.098 151	9.893 061	6	.420	
581	9.794 920	10	9.901 865	16	0.098 135	9.893 055	6	419	
582	9.794 930	9	9.901 881	15	0.098 119	9.893 049	6	418	
583	9.794 939	10	9.901 896	16	0.098 104	9.893 043	6	417	
		9		15			6		
584	9.794 949	9	9.901 912	15	0.098 088	9.893 037	6	416	
585	9.794 958	10	9.901 927	16	0.098 073	9.893 031	6	415	
586	9.794 968	9	9.901 943	15	0.098 057	9.893 025	6	414	
		10		16			6		
587	9.794 977	9	9.901 958	15	0.098 042	9.893 019	6	413	
588	9.794 987	10	9.901 974	16	0.098 026	9.893 013	6	412	
589	9.794 996	9	9.901 989	15	0.098 011	9.893 007	6	411	
		10		16			6		
.590	9.795 006	9	9.902 005	16	0.097 995	9.893 001	6	.410	
591	9.795 015	10	9.902 021	15	0.097 979	9.892 995	6	409	
592	9.795 025	9	9.902 036	16	0.097 964	9.892 989	6	408	
593	9.795 034	10	9.902 052	15	0.097 948	9.892 983	6	407	
		9		16			6		
594	9.795 044	9	9.902 067	15	0.097 933	9.892 977	6	406	
595	9.795 053	10	9.902 083	16	0.097 917	9.892 971	6	405	
596	9.795 063	9	9.902 098	15	0.097 902	9.892 965	6	404	
		10		16			6		
597	9.795 072	9	9.902 114	15	0.097 886	9.892 959	7	403	
598	9.795 082	10	9.902 129	16	0.097 871	9.892 952	6	402	
599	9.795 091	9	9.902 145	15	0.097 855	9.892 946	6	401	
		10		16			6		
.600	9.795 101	9	9.902 160	15	0.097 840	9.892 940	6	.400	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.450 — 51°.400

38°.600 — 38°.650

38°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.795 101		9.902 160		0.097 840	9.892 940		.400	
601	9.795 110	9	9.902 176	16	0.097 824	9.892 934	6	399	
602	9.795 120	10	9.902 192	16	0.097 808	9.892 928	6	398	
603	9.795 129	9	9.902 207	15	0.097 793	9.892 922	6	397	
604	9.795 139	10	9.902 223	16	0.097 777	9.892 916	6	396	
605	9.795 148	9	9.902 238	15	0.097 762	9.892 910	6	395	
606	9.795 158	10	9.902 254	16	0.097 746	9.892 904	6	394	
607	9.795 167	9	9.902 269	15	0.097 731	9.892 898	6	393	
608	9.795 177	10	9.902 285	16	0.097 715	9.892 892	6	392	
609	9.795 186	9	9.902 300	15	0.097 700	9.892 886	6	391	
.610	9.795 196	10	9.902 316	16	0.097 684	9.892 880	6	.390	
611	9.795 205	9	9.902 331	15	0.097 669	9.892 874	6	389	
612	9.795 215	10	9.902 347	16	0.097 653	9.892 868	6	388	
613	9.795 224	9	9.902 363	16	0.097 637	9.892 862	6	387	
614	9.795 234	10	9.902 378	15	0.097 622	9.892 856	6	386	
615	9.795 243	9	9.902 394	16	0.097 606	9.892 850	6	385	
616	9.795 253	10	9.902 409	15	0.097 591	9.892 844	6	384	
617	9.795 262	9	9.902 425	16	0.097 575	9.892 837	7	383	
618	9.795 272	10	9.902 440	15	0.097 560	9.892 831	6	382	
619	9.795 281	9	9.902 456	16	0.097 544	9.892 825	6	381	
.620	9.795 291	10	9.902 471	15	0.097 529	9.892 819	6	.380	
621	9.795 300	9	9.902 487	16	0.097 513	9.892 813	6	379	
622	9.795 310	10	9.902 502	15	0.097 498	9.892 807	6	378	
623	9.795 319	9	9.902 518	16	0.097 482	9.892 801	6	377	
624	9.795 329	10	9.902 533	15	0.097 467	9.892 795	6	376	
625	9.795 338	9	9.902 549	16	0.097 451	9.892 789	6	375	
626	9.795 348	10	9.902 565	16	0.097 435	9.892 783	6	374	
627	9.795 357	9	9.902 580	15	0.097 420	9.892 777	6	373	
628	9.795 367	10	9.902 596	16	0.097 404	9.892 771	6	372	
629	9.795 376	9	9.902 611	15	0.097 389	9.892 765	6	371	
.630	9.795 385	10	9.902 627	16	0.097 373	9.892 759	6	.370	
631	9.795 395	9	9.902 642	15	0.097 358	9.892 753	6	369	
632	9.795 404	10	9.902 658	16	0.097 342	9.892 747	6	368	
633	9.795 414	9	9.902 673	15	0.097 327	9.892 741	6	367	
634	9.795 423	10	9.902 689	16	0.097 311	9.892 735	7	366	
635	9.795 433	9	9.902 704	15	0.097 296	9.892 728	6	365	
636	9.795 442	10	9.902 720	16	0.097 280	9.892 722	6	364	
637	9.795 452	9	9.902 736	15	0.097 264	9.892 716	6	363	
638	9.795 461	10	9.902 751	16	0.097 249	9.892 710	6	362	
639	9.795 471	9	9.902 767	15	0.097 233	9.892 704	6	361	
.640	9.795 480	10	9.902 782	16	0.097 218	9.892 698	6	.360	
641	9.795 490	9	9.902 798	15	0.097 202	9.892 692	6	359	
642	9.795 499	10	9.902 813	16	0.097 187	9.892 686	6	358	
643	9.795 509	9	9.902 829	15	0.097 171	9.892 680	6	357	
644	9.795 518	10	9.902 844	16	0.097 156	9.892 674	6	356	
645	9.795 528	9	9.902 860	15	0.097 140	9.892 668	6	355	
646	9.795 537	10	9.902 875	16	0.097 125	9.892 662	6	354	
647	9.795 547	9	9.902 891	15	0.097 109	9.892 656	6	353	
648	9.795 556	10	9.902 906	16	0.097 094	9.892 650	6	352	
649	9.795 566	9	9.902 922	15	0.097 078	9.892 644	6	351	
.650	9.795 575	10	9.902 938	16	0.097 062	9.892 638	6	.350	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.400 — 51°.350

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.650 — 38°.700

38°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.795 575	10	9.902 938	15	0.097 062	9.892 638	7	.350	
651	9.795 585	9	9.902 953	16	0.097 047	9.892 631	6	349	
652	9.795 594	10	9.902 969	15	0.097 031	9.892 625	6	348	
653	9.795 604	9	9.902 984	16	0.097 016	9.892 619	6	347	
654	9.795 613	10	9.903 000	15	0.097 000	9.892 613	6	346	
655	9.795 623	9	9.903 015	16	0.096 985	9.892 607	6	345	
656	9.795 632	9	9.903 031	15	0.096 969	9.892 601	6	344	
657	9.795 641	10	9.903 046	16	0.096 954	9.892 595	6	343	
658	9.795 651	9	9.903 062	15	0.096 938	9.892 589	6	342	
659	9.795 660	10	9.903 077	16	0.096 923	9.892 583	6	341	
.660	9.795 670	9	9.903 093	16	0.096 907	9.892 577	6	.340	
661	9.795 679	10	9.903 109	15	0.096 891	9.892 571	6	339	
662	9.795 689	9	9.903 124	16	0.096 876	9.892 565	6	338	
663	9.795 698	10	9.903 140	15	0.096 860	9.892 559	6	337	
664	9.795 708	9	9.903 155	16	0.096 845	9.892 553	6	336	
665	9.795 717	10	9.903 171	15	0.096 829	9.892 547	6	335	
666	9.795 727	9	9.903 186	16	0.096 814	9.892 541	7	334	
667	9.795 736	10	9.903 202	15	0.096 798	9.892 534	6	333	
668	9.795 746	9	9.903 217	16	0.096 783	9.892 528	6	332	
669	9.795 755	10	9.903 233	15	0.096 767	9.892 522	6	331	
.670	9.795 765	9	9.903 248	16	0.096 752	9.892 516	6	.330	
671	9.795 774	10	9.903 264	15	0.096 736	9.892 510	6	329	
672	9.795 784	9	9.903 279	16	0.096 721	9.892 504	6	328	
673	9.795 793	10	9.903 295	15	0.096 705	9.892 498	6	327	
674	9.795 802	9	9.903 310	16	0.096 690	9.892 492	6	326	
675	9.795 812	10	9.903 326	15	0.096 674	9.892 486	6	325	
676	9.795 821	9	9.903 342	16	0.096 658	9.892 480	6	324	
677	9.795 831	10	9.903 357	15	0.096 643	9.892 474	6	323	
678	9.795 840	9	9.903 373	16	0.096 627	9.892 468	6	322	
679	9.795 850	10	9.903 388	15	0.096 612	9.892 462	6	321	
.680	9.795 859	9	9.903 404	16	0.096 596	9.892 456	6	.320	
681	9.795 869	10	9.903 419	15	0.096 581	9.892 450	7	319	
682	9.795 878	9	9.903 435	16	0.096 565	9.892 443	6	318	
683	9.795 888	10	9.903 450	15	0.096 550	9.892 437	6	317	
684	9.795 897	9	9.903 466	16	0.096 534	9.892 431	6	316	
685	9.795 907	10	9.903 481	15	0.096 519	9.892 425	6	315	
686	9.795 916	9	9.903 497	16	0.096 503	9.892 419	6	314	
687	9.795 926	10	9.903 512	15	0.096 488	9.892 413	6	313	
688	9.795 935	9	9.903 528	16	0.096 472	9.892 407	6	312	
689	9.795 945	10	9.903 544	15	0.096 456	9.892 401	6	311	
.690	9.795 954	9	9.903 559	16	0.096 441	9.892 395	6	.310	
691	9.795 963	10	9.903 575	15	0.096 425	9.892 389	6	309	
692	9.795 973	9	9.903 590	16	0.096 410	9.892 383	6	308	
693	9.795 982	10	9.903 606	15	0.096 394	9.892 377	6	307	
694	9.795 992	9	9.903 621	16	0.096 379	9.892 371	6	306	
695	9.796 001	10	9.903 637	15	0.096 363	9.892 365	6	305	
696	9.796 011	9	9.903 652	16	0.096 348	9.892 358	7	304	
697	9.796 020	10	9.903 668	15	0.096 332	9.892 352	6	303	
698	9.796 030	9	9.903 683	16	0.096 317	9.892 346	6	302	
699	9.796 039	10	9.903 699	15	0.096 301	9.892 340	6	301	
.700	9.796 049	9	9.903 714	16	0.096 286	9.892 334	6	.300	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.350 — 51°.300

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.700 — 38°.750

38°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.796 049		9.903 714		0.096 286	9.892 334		.300	
701	9.796 058	9	9.903 730	16	0.096 270	9.892 328	6	299	
702	9.796 068	10	9.903 745	15	0.096 255	9.892 322	6	298	
703	9.796 077	9	9.903 761	16	0.096 239	9.892 316	6	297	
704	9.796 086	9	9.903 777	16	0.096 223	9.892 310	6	296	
705	9.796 096	10	9.903 792	15	0.096 208	9.892 304	6	295	
706	9.796 105	9	9.903 808	16	0.096 192	9.892 298	6	294	
707	9.796 115	10	9.903 823	15	0.096 177	9.892 292	6	293	
708	9.796 124	9	9.903 839	16	0.096 161	9.892 286	6	292	
709	9.796 134	10	9.903 854	15	0.096 146	9.892 280	6	291	
.710	9.796 143	9	9.903 870	16	0.096 130	9.892 273	7	.290	
711	9.796 153	10	9.903 885	15	0.096 115	9.892 267	6	289	
712	9.796 162	9	9.903 901	16	0.096 099	9.892 261	6	288	
713	9.796 172	10	9.903 916	15	0.096 084	9.892 255	6	287	
714	9.796 181	9	9.903 932	16	0.096 068	9.892 249	6	286	
715	9.796 190	9	9.903 947	15	0.096 053	9.892 243	6	285	
716	9.796 200	10	9.903 963	16	0.096 037	9.892 237	6	284	
717	9.796 209	9	9.903 978	15	0.096 022	9.892 231	6	283	
718	9.796 219	10	9.903 994	16	0.096 006	9.892 225	6	282	
719	9.796 228	9	9.904 010	16	0.095 990	9.892 219	6	281	
.720	9.796 238	10	9.904 025	15	0.095 975	9.892 213	6	.280	
721	9.796 247	9	9.904 041	16	0.095 959	9.892 207	6	279	
722	9.796 257	10	9.904 056	15	0.095 944	9.892 201	6	278	
723	9.796 266	9	9.904 072	16	0.095 928	9.892 194	7	277	
724	9.796 276	10	9.904 087	15	0.095 913	9.892 188	6	276	
725	9.796 285	9	9.904 103	16	0.095 897	9.892 182	6	275	
726	9.796 294	9	9.904 118	15	0.095 882	9.892 176	6	274	
727	9.796 304	10	9.904 134	16	0.095 866	9.892 170	6	273	
728	9.796 313	9	9.904 149	15	0.095 851	9.892 164	6	272	
729	9.796 323	10	9.904 165	16	0.095 835	9.892 158	6	271	
.730	9.796 332	9	9.904 180	15	0.095 820	9.892 152	6	.270	
731	9.796 342	10	9.904 196	16	0.095 804	9.892 146	6	269	
732	9.796 351	9	9.904 211	15	0.095 789	9.892 140	6	268	
733	9.796 361	10	9.904 227	16	0.095 773	9.892 134	6	267	
734	9.796 370	9	9.904 242	15	0.095 758	9.892 128	6	266	
735	9.796 380	10	9.904 258	16	0.095 742	9.892 122	6	265	
736	9.796 389	9	9.904 274	16	0.095 726	9.892 115	7	264	
737	9.796 398	9	9.904 289	15	0.095 711	9.892 109	6	263	
738	9.796 408	10	9.904 305	16	0.095 695	9.892 103	6	262	
739	9.796 417	9	9.904 320	15	0.095 680	9.892 097	6	261	
.740	9.796 427	10	9.904 336	16	0.095 664	9.892 091	6	.260	
741	9.796 436	9	9.904 351	15	0.095 649	9.892 085	6	259	
742	9.796 446	10	9.904 367	16	0.095 633	9.892 079	6	258	
743	9.796 455	9	9.904 382	15	0.095 618	9.892 073	6	257	
744	9.796 465	10	9.904 398	16	0.095 602	9.892 067	6	256	
745	9.796 474	9	9.904 413	15	0.095 587	9.892 061	6	255	
746	9.796 483	9	9.904 429	16	0.095 571	9.892 055	6	254	
747	9.796 493	10	9.904 444	15	0.095 556	9.892 049	6	253	
748	9.796 502	9	9.904 460	16	0.095 540	9.892 042	7	252	
749	9.796 512	10	9.904 475	15	0.095 525	9.892 036	6	251	
.750	9.796 521	9	9.904 491	16	0.095 509	9.892 030	6	.250	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.300 — 51°.250

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.750 — 38°.800

38°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.796 521		9.904 491		0.095 509	9.892 030		.250	
751	9.796 531	10	9.904 506	15	0.095 494	9.892 024	6	249	
752	9.796 540	9	9.904 522	16	0.095 478	9.892 018	6	248	
753	9.796 550	10	9.904 538	16	0.095 462	9.892 012	6	247	
754	9.796 559	9	9.904 553	15	0.095 447	9.892 006	6	246	
755	9.796 568	9	9.904 569	16	0.095 431	9.892 000	6	245	
756	9.796 578	10	9.904 584	15	0.095 416	9.891 994	6	244	
757	9.796 587	9	9.904 600	16	0.095 400	9.891 988	6	243	
758	9.796 597	10	9.904 615	15	0.095 385	9.891 982	6	242	
759	9.796 606	9	9.904 631	16	0.095 369	9.891 976	6	241	
.760	9.796 616	10	9.904 646	15	0.095 354	9.891 969	7	.240	
761	9.796 625	9	9.904 662	16	0.095 338	9.891 963	6	239	
762	9.796 635	10	9.904 677	15	0.095 323	9.891 957	6	238	
763	9.796 644	9	9.904 693	16	0.095 307	9.891 951	6	237	
764	9.796 653	9	9.904 708	15	0.095 292	9.891 945	6	236	
765	9.796 663	10	9.904 724	16	0.095 276	9.891 939	6	235	
766	9.796 672	9	9.904 739	15	0.095 261	9.891 933	6	234	
767	9.796 682	10	9.904 755	16	0.095 245	9.891 927	6	233	
768	9.796 691	9	9.904 770	15	0.095 230	9.891 921	6	232	
769	9.796 701	10	9.904 786	16	0.095 214	9.891 915	6	231	
.770	9.796 710	9	9.904 801	15	0.095 199	9.891 909	6	.230	
771	9.796 719	9	9.904 817	16	0.095 183	9.891 902	7	229	
772	9.796 729	10	9.904 833	16	0.095 167	9.891 896	6	228	
773	9.796 738	9	9.904 848	15	0.095 152	9.891 890	6	227	
774	9.796 748	10	9.904 864	16	0.095 136	9.891 884	6	226	
775	9.796 757	9	9.904 879	15	0.095 121	9.891 878	6	225	
776	9.796 767	10	9.904 895	16	0.095 105	9.891 872	6	224	
777	9.796 776	9	9.904 910	15	0.095 090	9.891 866	6	223	
778	9.796 786	10	9.904 926	16	0.095 074	9.891 860	6	222	
779	9.796 795	9	9.904 941	15	0.095 059	9.891 854	6	221	
.780	9.796 804	9	9.904 957	16	0.095 043	9.891 848	6	.220	
781	9.796 814	10	9.904 972	15	0.095 028	9.891 842	6	219	
782	9.796 823	9	9.904 988	16	0.095 012	9.891 835	7	218	
783	9.796 833	10	9.905 003	15	0.094 997	9.891 829	6	217	
784	9.796 842	9	9.905 019	16	0.094 981	9.891 823	6	216	
785	9.796 852	10	9.905 034	15	0.094 966	9.891 817	6	215	
786	9.796 861	9	9.905 050	16	0.094 950	9.891 811	6	214	
787	9.796 870	9	9.905 065	15	0.094 935	9.891 805	6	213	
788	9.796 880	10	9.905 081	16	0.094 919	9.891 799	6	212	
789	9.796 889	9	9.905 096	15	0.094 904	9.891 793	6	211	
.790	9.796 899	10	9.905 112	16	0.094 888	9.891 787	6	.210	
791	9.796 908	9	9.905 127	15	0.094 873	9.891 781	6	209	
792	9.796 918	10	9.905 143	16	0.094 857	9.891 775	6	208	
793	9.796 927	9	9.905 159	16	0.094 841	9.891 768	7	207	
794	9.796 936	9	9.905 174	15	0.094 826	9.891 762	6	206	
795	9.796 946	10	9.905 190	16	0.094 810	9.891 756	6	205	
796	9.796 955	9	9.905 205	15	0.094 795	9.891 750	6	204	
797	9.796 965	10	9.905 221	16	0.094 779	9.891 744	6	203	
798	9.796 974	9	9.905 236	15	0.094 764	9.891 738	6	202	
799	9.796 984	10	9.905 252	16	0.094 748	9.891 732	6	201	
.800	9.796 993	9	9.905 267	15	0.094 733	9.891 726	6	.200	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.250 — 51°.200

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.800 — 38°.850

38°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.796 993		9.905 267		0.094 733	9.891 726		.200	
801	9.797 002	9	9.905 283	16	0.094 717	9.891 720	6	199	
802	9.797 012	10	9.905 298	15	0.094 702	9.891 714	6	198	
803	9.797 021	9	9.905 314	16	0.094 686	9.891 708	6	197	
804	9.797 031	10	9.905 329	15	0.094 671	9.891 701	7	196	
805	9.797 040	9	9.905 345	16	0.094 655	9.891 695	6	195	
806	9.797 050	10	9.905 360	15	0.094 640	9.891 689	6	194	
807	9.797 059	9	9.905 376	16	0.094 624	9.891 683	6	193	
808	9.797 068	9	9.905 391	15	0.094 609	9.891 677	6	192	
809	9.797 078	10	9.905 407	16	0.094 593	9.891 671	6	191	
.810	9.797 087	9	9.905 422	15	0.094 578	9.891 665	6	.190	
811	9.797 097	10	9.905 438	16	0.094 562	9.891 659	6	189	
812	9.797 106	9	9.905 453	15	0.094 547	9.891 653	6	188	
813	9.797 116	10	9.905 469	16	0.094 531	9.891 647	6	187	
814	9.797 125	9	9.905 484	15	0.094 516	9.891 640	7	186	
815	9.797 134	9	9.905 500	16	0.094 500	9.891 634	6	185	
816	9.797 144	10	9.905 516	16	0.094 484	9.891 628	6	184	
817	9.797 153	9	9.905 531	15	0.094 469	9.891 622	6	183	
818	9.797 163	10	9.905 547	16	0.094 453	9.891 616	6	182	
819	9.797 172	9	9.905 562	15	0.094 438	9.891 610	6	181	
.820	9.797 182	10	9.905 578	16	0.094 422	9.891 604	6	.180	
821	9.797 191	9	9.905 593	15	0.094 407	9.891 598	6	179	
822	9.797 200	9	9.905 609	16	0.094 391	9.891 592	6	178	
823	9.797 210	10	9.905 624	15	0.094 376	9.891 586	6	177	
824	9.797 219	9	9.905 640	16	0.094 360	9.891 580	6	176	
825	9.797 229	10	9.905 655	15	0.094 345	9.891 573	7	175	
826	9.797 238	9	9.905 671	16	0.094 329	9.891 567	6	174	
827	9.797 247	9	9.905 686	15	0.094 314	9.891 561	6	173	
828	9.797 257	10	9.905 702	16	0.094 298	9.891 555	6	172	
829	9.797 266	9	9.905 717	15	0.094 283	9.891 549	6	171	
.830	9.797 276	10	9.905 733	16	0.094 267	9.891 543	6	.170	
831	9.797 285	9	9.905 748	15	0.094 252	9.891 537	6	169	
832	9.797 295	10	9.905 764	16	0.094 236	9.891 531	6	168	
833	9.797 304	9	9.905 779	15	0.094 221	9.891 525	6	167	
834	9.797 313	9	9.905 795	16	0.094 205	9.891 518	7	166	
835	9.797 323	10	9.905 810	15	0.094 190	9.891 512	6	165	
836	9.797 332	9	9.905 826	16	0.094 174	9.891 506	6	164	
837	9.797 342	10	9.905 841	15	0.094 159	9.891 500	6	163	
838	9.797 351	9	9.905 857	16	0.094 143	9.891 494	6	162	
839	9.797 360	9	9.905 872	15	0.094 128	9.891 488	6	161	
.840	9.797 370	10	9.905 888	16	0.094 112	9.891 482	6	.160	
841	9.797 379	9	9.905 903	15	0.094 097	9.891 476	6	159	
842	9.797 389	10	9.905 919	16	0.094 081	9.891 470	6	158	
843	9.797 398	9	9.905 935	16	0.094 065	9.891 464	6	157	
844	9.797 408	10	9.905 950	15	0.094 050	9.891 457	7	156	
845	9.797 417	9	9.905 966	16	0.094 034	9.891 451	6	155	
846	9.797 426	9	9.905 981	15	0.094 019	9.891 445	6	154	
847	9.797 436	10	9.905 997	16	0.094 003	9.891 439	6	153	
848	9.797 445	9	9.906 012	15	0.093 988	9.891 433	6	152	
849	9.797 455	10	9.906 028	16	0.093 972	9.891 427	6	151	
.850	9.797 464	9	9.906 043	15	0.093 957	9.891 421	6	.150	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.200 — 51°.150

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.850 — 38°.900

38°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.797 464		9.906 043		0.093 957	9.891 421		.150	
851	9.797 473	9	9.906 059	16	0.093 941	9.891 415	6	149	
852	9.797 483	10	9.906 074	15	0.093 926	9.891 409	6	148	
853	9.797 492	9	9.906 090	16	0.093 910	9.891 403	6	147	
		10		15			7		
854	9.797 502		9.906 105		0.093 895	9.891 396	6	146	
855	9.797 511	9	9.906 121	16	0.093 879	9.891 390	6	145	
856	9.797 520	9	9.906 136	15	0.093 864	9.891 384	6	144	
		10		16			6		
857	9.797 530		9.906 152		0.093 848	9.891 378	6	143	
858	9.797 539	9	9.906 167	15	0.093 833	9.891 372	6	142	
859	9.797 549	10	9.906 183	16	0.093 817	9.891 366	6	141	
		9		15			6		
.860	9.797 558		9.906 198		0.093 802	9.891 360		.140	
		9		16			6		
861	9.797 567		9.906 214		0.093 786	9.891 354		139	
862	9.797 577	10	9.906 229	15	0.093 771	9.891 348	6	138	
863	9.797 586	9	9.906 245	16	0.093 755	9.891 341	7	137	
		10		15			6		
864	9.797 596		9.906 260		0.093 740	9.891 335		136	
865	9.797 605	9	9.906 276	16	0.093 724	9.891 329	6	135	
866	9.797 615	10	9.906 291	15	0.093 709	9.891 323	6	134	
		9		16			6		
867	9.797 624		9.906 307		0.093 693	9.891 317		133	
868	9.797 633	9	9.906 322	15	0.093 678	9.891 311	6	132	
869	9.797 643	10	9.906 338	16	0.093 662	9.891 305	6	131	
		9		15			6		
.870	9.797 652		9.906 353		0.093 647	9.891 299		.130	
		10		16			6		
871	9.797 662		9.906 369		0.093 631	9.891 293		129	
872	9.797 671	9	9.906 384	15	0.093 616	9.891 286	7	128	
873	9.797 680	9	9.906 400	16	0.093 600	9.891 280	6	127	
		10		15			6		
874	9.797 690		9.906 415		0.093 585	9.891 274		126	
875	9.797 699	9	9.906 431	16	0.093 569	9.891 268	6	125	
876	9.797 709	10	9.906 447	16	0.093 553	9.891 262	6	124	
		9		15			6		
877	9.797 718		9.906 462		0.093 538	9.891 256		123	
878	9.797 727	9	9.906 478	16	0.093 522	9.891 250	6	122	
879	9.797 737	10	9.906 493	15	0.093 507	9.891 244	6	121	
		9		16			6		
.880	9.797 746		9.906 509		0.093 491	9.891 238		.120	
		10		15			7		
881	9.797 756		9.906 524		0.093 476	9.891 231		119	
882	9.797 765	9	9.906 540	16	0.093 460	9.891 225	6	118	
883	9.797 774	9	9.906 555	15	0.093 445	9.891 219	6	117	
		10		16			6		
884	9.797 784		9.906 571		0.093 429	9.891 213		116	
885	9.797 793	9	9.906 586	15	0.093 414	9.891 207	6	115	
886	9.797 803	10	9.906 602	16	0.093 398	9.891 201	6	114	
		9		15			6		
887	9.797 812		9.906 617		0.093 383	9.891 195		113	
888	9.797 821	9	9.906 633	16	0.093 367	9.891 189	6	112	
889	9.797 831	10	9.906 648	15	0.093 352	9.891 183	6	111	
		9		16			7		
.890	9.797 840		9.906 664		0.093 336	9.891 176		.110	
		10		15			6		
891	9.797 850		9.906 679		0.093 321	9.891 170		109	
892	9.797 859	9	9.906 695	16	0.093 305	9.891 164	6	108	
893	9.797 868	9	9.906 710	15	0.093 290	9.891 158	6	107	
		10		16			6		
894	9.797 878		9.906 726		0.093 274	9.891 152		106	
895	9.797 887	9	9.906 741	15	0.093 259	9.891 146	6	105	
896	9.797 897	10	9.906 757	16	0.093 243	9.891 140	6	104	
		9		15			6		
897	9.797 906		9.906 772		0.093 228	9.891 134		103	
898	9.797 915	9	9.906 788	16	0.093 212	9.891 128	6	102	
899	9.797 925	10	9.906 803	15	0.093 197	9.891 121	7	101	
		9		16			6		
.900	9.797 934		9.906 819		0.093 181	9.891 115		.100	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.150 — 51°.100

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.900 — 38°.950

38°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.797 934		9.906 819		0.093 181	9.891 115		.100	
901	9.797 943	9	9.906 834	15	0.093 166	9.891 109	6	099	
902	9.797 953	10	9.906 850	16	0.093 150	9.891 103	6	098	
903	9.797 962	9	9.906 865	15	0.093 135	9.891 097	6	097	
		10		16			6		
904	9.797 972	9	9.906 881	15	0.093 119	9.891 091	6	096	
905	9.797 981	9	9.906 896	15	0.093 104	9.891 085	6	095	
906	9.797 990	9	9.906 912	16	0.093 088	9.891 079	6	094	
		10		15			7		
907	9.798 000	9	9.906 927	16	0.093 073	9.891 072	6	093	
908	9.798 009	10	9.906 943	15	0.093 057	9.891 066	6	092	
909	9.798 019	9	9.906 958	15	0.093 042	9.891 060	6	091	
		10		16			6		
.910	9.798 028	9	9.906 974	15	0.093 026	9.891 054	6	.090	
		9		15			6		
911	9.798 037	10	9.906 989	16	0.093 011	9.891 048	6	089	
912	9.798 047	9	9.907 005	16	0.092 995	9.891 042	6	088	
913	9.798 056	9	9.907 020	15	0.092 980	9.891 036	6	087	
		10		16			6		
914	9.798 066	9	9.907 036	15	0.092 964	9.891 030	6	086	
915	9.798 075	9	9.907 051	15	0.092 949	9.891 024	6	085	
916	9.798 084	9	9.907 067	16	0.092 933	9.891 017	7	084	
		10		15			6		
917	9.798 094	9	9.907 082	16	0.092 918	9.891 011	6	083	
918	9.798 103	9	9.907 098	16	0.092 902	9.891 005	6	082	
919	9.798 113	10	9.907 113	15	0.092 887	9.890 999	6	081	
		9		16			6		
.920	9.798 122	9	9.907 129	15	0.092 871	9.890 993	6	.080	
		9		15			6		
921	9.798 131	10	9.907 144	16	0.092 856	9.890 987	6	079	
922	9.798 141	9	9.907 160	15	0.092 840	9.890 981	6	078	
923	9.798 150	9	9.907 175	15	0.092 825	9.890 975	6	077	
		9		16			7		
924	9.798 159	10	9.907 191	16	0.092 809	9.890 968	6	076	
925	9.798 169	9	9.907 207	15	0.092 793	9.890 962	6	075	
926	9.798 178	9	9.907 222	15	0.092 778	9.890 956	6	074	
		10		16			6		
927	9.798 188	9	9.907 238	15	0.092 762	9.890 950	6	073	
928	9.798 197	9	9.907 253	15	0.092 747	9.890 944	6	072	
929	9.798 206	9	9.907 269	16	0.092 731	9.890 938	6	071	
		10		15			6		
.930	9.798 216	9	9.907 284	16	0.092 716	9.890 932	6	.070	
		9		15			6		
931	9.798 225	10	9.907 300	15	0.092 700	9.890 926	7	069	
932	9.798 235	9	9.907 315	16	0.092 685	9.890 919	6	068	
933	9.798 244	9	9.907 331	15	0.092 669	9.890 913	6	067	
		10		16			6		
934	9.798 253	9	9.907 346	15	0.092 654	9.890 907	6	066	
935	9.798 263	9	9.907 362	15	0.092 638	9.890 901	6	065	
936	9.798 272	9	9.907 377	16	0.092 623	9.890 895	6	064	
		10		15			6		
937	9.798 281	9	9.907 393	15	0.092 607	9.890 889	6	063	
938	9.798 291	9	9.907 408	16	0.092 592	9.890 883	6	062	
939	9.798 300	10	9.907 424	15	0.092 576	9.890 877	7	061	
		9		16			6		
.940	9.798 310	9	9.907 439	15	0.092 561	9.890 870	6	.060	
		9		15			6		
941	9.798 319	10	9.907 455	16	0.092 545	9.890 864	6	059	
942	9.798 328	9	9.907 470	16	0.092 530	9.890 858	6	058	
943	9.798 338	9	9.907 486	15	0.092 514	9.890 852	6	057	
		10		15			6		
944	9.798 347	9	9.907 501	16	0.092 499	9.890 846	6	056	
945	9.798 356	9	9.907 517	16	0.092 483	9.890 840	6	055	
946	9.798 366	10	9.907 532	15	0.092 468	9.890 834	6	054	
		9		16			6		
947	9.798 375	9	9.907 548	15	0.092 452	9.890 828	7	053	
948	9.798 385	10	9.907 563	15	0.092 437	9.890 821	6	052	
949	9.798 394	9	9.907 579	16	0.092 421	9.890 815	6	051	
		10		15			6		
.950	9.798 403	9	9.907 594	15	0.092 406	9.890 809	6	.050	
		9		15			6		
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.100 — 51°.050

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

38°.950 — 39°.000

38°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.798 403	10	9.907 594	16	0.092 406	9.890 809	6	.050	
951	9.798 413	9	9.907 610	15	0.092 390	9.890 803	6	049	
952	9.798 422	9	9.907 625	16	0.092 375	9.890 797	6	048	
953	9.798 431	10	9.907 641	15	0.092 359	9.890 791	6	047	
954	9.798 441	9	9.907 656	16	0.092 344	9.890 785	6	046	
955	9.798 450	10	9.907 672	15	0.092 328	9.890 779	7	045	
956	9.798 460	9	9.907 687	16	0.092 313	9.890 772	6	044	
957	9.798 469	9	9.907 703	15	0.092 297	9.890 766	6	043	
958	9.798 478	10	9.907 718	16	0.092 282	9.890 760	6	042	
959	9.798 488	9	9.907 734	15	0.092 266	9.890 754	6	041	
.960	9.798 497	9	9.907 749	16	0.092 251	9.890 748	6	.040	
961	9.798 506	10	9.907 765	15	0.092 235	9.890 742	6	039	
962	9.798 516	9	9.907 780	16	0.092 220	9.890 736	6	038	
963	9.798 525	10	9.907 796	15	0.092 204	9.890 730	7	037	
964	9.798 535	9	9.907 811	16	0.092 189	9.890 723	6	036	
965	9.798 544	9	9.907 827	15	0.092 173	9.890 717	6	035	
966	9.798 553	10	9.907 842	16	0.092 158	9.890 711	6	034	
967	9.798 563	9	9.907 858	15	0.092 142	9.890 705	6	033	
968	9.798 572	9	9.907 873	16	0.092 127	9.890 699	6	032	
969	9.798 581	10	9.907 889	15	0.092 111	9.890 693	6	031	
.970	9.798 591	9	9.907 904	16	0.092 096	9.890 687	6	.030	
971	9.798 600	10	9.907 920	15	0.092 080	9.890 681	7	029	
972	9.798 610	9	9.907 935	16	0.092 065	9.890 674	6	028	
973	9.798 619	9	9.907 951	15	0.092 049	9.890 668	6	027	
974	9.798 628	10	9.907 966	16	0.092 034	9.890 662	6	026	
975	9.798 638	9	9.907 982	15	0.092 018	9.890 656	6	025	
976	9.798 647	9	9.907 997	16	0.092 003	9.890 650	6	024	
977	9.798 656	10	9.908 013	15	0.091 987	9.890 644	6	023	
978	9.798 666	9	9.908 028	16	0.091 972	9.890 638	7	022	
979	9.798 675	10	9.908 044	15	0.091 956	9.890 631	6	021	
.980	9.798 685	9	9.908 059	16	0.091 941	9.890 625	6	.020	
981	9.798 694	10	9.908 075	15	0.091 925	9.890 619	6	019	
982	9.798 703	9	9.908 090	16	0.091 910	9.890 613	6	018	
983	9.798 713	10	9.908 106	15	0.091 894	9.890 607	6	017	
984	9.798 722	9	9.908 121	16	0.091 879	9.890 601	6	016	
985	9.798 731	10	9.908 137	15	0.091 863	9.890 595	6	015	
986	9.798 741	9	9.908 152	16	0.091 848	9.890 589	7	014	
987	9.798 750	9	9.908 168	15	0.091 832	9.890 582	6	013	
988	9.798 759	10	9.908 183	16	0.091 817	9.890 576	6	012	
989	9.798 769	9	9.908 199	15	0.091 801	9.890 570	6	011	
.990	9.798 778	10	9.908 214	16	0.091 786	9.890 564	6	.010	
991	9.798 788	9	9.908 230	15	0.091 770	9.890 558	6	009	
992	9.798 797	9	9.908 245	16	0.091 755	9.890 552	6	008	
993	9.798 806	10	9.908 261	15	0.091 739	9.890 546	7	007	
994	9.798 816	9	9.908 276	16	0.091 724	9.890 539	6	006	
995	9.798 825	9	9.908 292	15	0.091 708	9.890 533	6	005	
996	9.798 834	10	9.908 307	16	0.091 693	9.890 527	6	004	
997	9.798 844	9	9.908 323	15	0.091 677	9.890 521	6	003	
998	9.798 853	9	9.908 338	16	0.091 662	9.890 515	6	002	
999	9.798 862	10	9.908 354	15	0.091 646	9.890 509	6	001	
*.000	9.798 872	9	9.908 369	16	0.091 631	9.890 503	6	.000	
	cos	d	cotg	d	tang	sin	d	51°	P.P.

51°.050 — 51°.000

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.000 — 39°.050

39°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.798 872		9.908 369		0.091 631	9.890 503		*.000	
001	9.798 881	9	9.908 385	16	0.091 615	9.890 496	7	999	
002	9.798 891	10	9.908 400	15	0.091 600	9.890 490	6	998	
003	9.798 900	9	9.908 416	16	0.091 584	9.890 484	6	997	
004	9.798 909	9	9.908 431	15	0.091 569	9.890 478	6	996	
005	9.798 919	10	9.908 447	16	0.091 553	9.890 472	6	995	
006	9.798 928	9	9.908 462	15	0.091 538	9.890 466	6	994	
007	9.798 937	9	9.908 478	16	0.091 522	9.890 460	6	993	
008	9.798 947	10	9.908 493	15	0.091 507	9.890 453	7	992	
009	9.798 956	9	9.908 509	16	0.091 491	9.890 447	6	991	
.010	9.798 965	9	9.908 524	15	0.091 476	9.890 441	6	.990	
011	9.798 975	10	9.908 540	16	0.091 460	9.890 435	6	989	
012	9.798 984	9	9.908 555	15	0.091 445	9.890 429	6	988	
013	9.798 993	9	9.908 571	16	0.091 429	9.890 423	6	987	
014	9.799 003	10	9.908 586	15	0.091 414	9.890 417	6	986	
015	9.799 012	9	9.908 602	16	0.091 398	9.890 410	7	985	
016	9.799 022	10	9.908 617	15	0.091 383	9.890 404	6	984	
017	9.799 031	9	9.908 633	16	0.091 367	9.890 398	6	983	
018	9.799 040	9	9.908 648	15	0.091 352	9.890 392	6	982	
019	9.799 050	10	9.908 664	16	0.091 336	9.890 386	6	981	
.020	9.799 059	9	9.908 679	15	0.091 321	9.890 380	6	.980	
021	9.799 068	9	9.908 695	16	0.091 305	9.890 374	6	979	
022	9.799 078	10	9.908 710	15	0.091 290	9.890 368	6	978	
023	9.799 087	9	9.908 726	16	0.091 274	9.890 361	7	977	
024	9.799 096	9	9.908 741	15	0.091 259	9.890 355	6	976	
025	9.799 106	10	9.908 757	16	0.091 243	9.890 349	6	975	
026	9.799 115	9	9.908 772	15	0.091 228	9.890 343	6	974	
027	9.799 124	9	9.908 788	16	0.091 212	9.890 337	6	973	
028	9.799 134	10	9.908 803	15	0.091 197	9.890 331	6	972	
029	9.799 143	9	9.908 819	16	0.091 181	9.890 324	7	971	
.030	9.799 152	9	9.908 834	15	0.091 166	9.890 318	6	.970	
031	9.799 162	10	9.908 850	16	0.091 150	9.890 312	6	969	
032	9.799 171	9	9.908 865	15	0.091 135	9.890 306	6	968	
033	9.799 181	10	9.908 881	16	0.091 119	9.890 300	6	967	
034	9.799 190	9	9.908 896	15	0.091 104	9.890 294	6	966	
035	9.799 199	9	9.908 912	16	0.091 088	9.890 288	6	965	
036	9.799 209	10	9.908 927	15	0.091 073	9.890 281	7	964	
037	9.799 218	9	9.908 943	16	0.091 057	9.890 275	6	963	
038	9.799 227	9	9.908 958	15	0.091 042	9.890 269	6	962	
039	9.799 237	10	9.908 974	16	0.091 026	9.890 263	6	961	
.040	9.799 246	9	9.908 989	15	0.091 011	9.890 257	6	.960	
041	9.799 255	9	9.909 005	16	0.090 995	9.890 251	6	959	
042	9.799 265	10	9.909 020	15	0.090 980	9.890 245	6	958	
043	9.799 274	9	9.909 036	16	0.090 964	9.890 238	7	957	
044	9.799 283	9	9.909 051	15	0.090 949	9.890 232	6	956	
045	9.799 293	10	9.909 067	16	0.090 933	9.890 226	6	955	
046	9.799 302	9	9.909 082	15	0.090 918	9.890 220	6	954	
047	9.799 311	9	9.909 098	16	0.090 902	9.890 214	6	953	
048	9.799 321	10	9.909 113	15	0.090 887	9.890 208	6	952	
049	9.799 330	9	9.909 128	15	0.090 872	9.890 202	6	951	
.050	9.799 339	9	9.909 144	16	0.090 856	9.890 195	7	.950	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

51°.000 — 50°.950

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.050 — 39°.100

39°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.799 339	10	9.909 144	15	0.090 856	9.890 195	6	.950	
051	9.799 349	9	9.909 159	16	0.090 841	9.890 189	6	949	
052	9.799 358	9	9.909 175	15	0.090 825	9.890 183	6	948	
053	9.799 367	9	9.909 190	16	0.090 810	9.890 177	6	947	
054	9.799 377	10	9.909 206	15	0.090 794	9.890 171	6	946	
055	9.799 386	9	9.909 221	16	0.090 779	9.890 165	6	945	
056	9.799 395	9	9.909 237	15	0.090 763	9.890 159	6	944	
057	9.799 405	10	9.909 252	16	0.090 748	9.890 152	7	943	
058	9.799 414	9	9.909 268	15	0.090 732	9.890 146	6	942	
059	9.799 423	9	9.909 283	16	0.090 717	9.890 140	6	941	
.060	9.799 433	10	9.909 299	15	0.090 701	9.890 134	6	.940	
061	9.799 442	9	9.909 314	16	0.090 686	9.890 128	6	939	
062	9.799 452	10	9.909 330	15	0.090 670	9.890 122	6	938	
063	9.799 461	9	9.909 345	16	0.090 655	9.890 115	7	937	
064	9.799 470	9	9.909 361	15	0.090 639	9.890 109	6	936	
065	9.799 480	10	9.909 376	16	0.090 624	9.890 103	6	935	
066	9.799 489	9	9.909 392	15	0.090 608	9.890 097	6	934	
067	9.799 498	9	9.909 407	16	0.090 593	9.890 091	6	933	
068	9.799 508	10	9.909 423	15	0.090 577	9.890 085	6	932	
069	9.799 517	9	9.909 438	16	0.090 562	9.890 079	6	931	
.070	9.799 526	9	9.909 454	15	0.090 546	9.890 072	7	.930	
071	9.799 536	10	9.909 469	16	0.090 531	9.890 066	6	929	
072	9.799 545	9	9.909 485	15	0.090 515	9.890 060	6	928	
073	9.799 554	9	9.909 500	16	0.090 500	9.890 054	6	927	
074	9.799 564	10	9.909 516	15	0.090 484	9.890 048	6	926	
075	9.799 573	9	9.909 531	16	0.090 469	9.890 042	6	925	
076	9.799 582	9	9.909 547	15	0.090 453	9.890 035	7	924	
077	9.799 592	10	9.909 562	16	0.090 438	9.890 029	6	923	
078	9.799 601	9	9.909 578	15	0.090 422	9.890 023	6	922	
079	9.799 610	9	9.909 593	16	0.090 407	9.890 017	6	921	
.080	9.799 620	10	9.909 609	15	0.090 391	9.890 011	6	.920	
081	9.799 629	9	9.909 624	16	0.090 376	9.890 005	6	919	
082	9.799 638	9	9.909 640	15	0.090 360	9.889 999	6	918	
083	9.799 648	10	9.909 655	16	0.090 345	9.889 992	7	917	
084	9.799 657	9	9.909 671	15	0.090 329	9.889 986	6	916	
085	9.799 666	9	9.909 686	16	0.090 314	9.889 980	6	915	
086	9.799 676	10	9.909 702	15	0.090 298	9.889 974	6	914	
087	9.799 685	9	9.909 717	16	0.090 283	9.889 968	6	913	
088	9.799 694	9	9.909 733	15	0.090 267	9.889 962	6	912	
089	9.799 704	10	9.909 748	16	0.090 252	9.889 955	7	911	
.090	9.799 713	9	9.909 764	15	0.090 236	9.889 949	6	.910	
091	9.799 722	9	9.909 779	16	0.090 221	9.889 943	6	909	
092	9.799 732	10	9.909 795	15	0.090 205	9.889 937	6	908	
093	9.799 741	9	9.909 810	16	0.090 190	9.889 931	6	907	
094	9.799 750	9	9.909 826	15	0.090 174	9.889 925	6	906	
095	9.799 760	10	9.909 841	16	0.090 159	9.889 918	7	905	
096	9.799 769	9	9.909 857	15	0.090 143	9.889 912	6	904	
097	9.799 778	9	9.909 872	16	0.090 128	9.889 906	6	903	
098	9.799 788	10	9.909 888	15	0.090 112	9.889 900	6	902	
099	9.799 797	9	9.909 903	16	0.090 097	9.889 894	6	901	
.100	9.799 806	9	9.909 918	15	0.090 082	9.889 888	6	.900	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.950 — 50°.900

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.100 — 39°.150

39°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.799 806		9.909 918		0.090 082	9.889 888		.900	
101	9.799 815	9	9.909 934	16	0.090 066	9.889 882	6	899	
102	9.799 825	10	9.909 949	15	0.090 051	9.889 875	7	898	
103	9.799 834	9	9.909 965	16	0.090 035	9.889 869	6	897	
104	9.799 843	9	9.909 980	15	0.090 020	9.889 863	6	896	
105	9.799 853	10	9.909 996	16	0.090 004	9.889 857	6	895	
106	9.799 862	9	9.910 011	15	0.089 989	9.889 851	6	894	
107	9.799 871	9	9.910 027	16	0.089 973	9.889 845	6	893	
108	9.799 881	10	9.910 042	15	0.089 958	9.889 838	7	892	
109	9.799 890	9	9.910 058	16	0.089 942	9.889 832	6	891	
.110	9.799 899	9	9.910 073	15	0.089 927	9.889 826	6	.890	
111	9.799 909	10	9.910 089	16	0.089 911	9.889 820	6	889	
112	9.799 918	9	9.910 104	15	0.089 896	9.889 814	6	888	
113	9.799 927	9	9.910 120	16	0.089 880	9.889 808	6	887	
114	9.799 937	10	9.910 135	15	0.089 865	9.889 801	7	886	
115	9.799 946	9	9.910 151	16	0.089 849	9.889 795	6	885	
116	9.799 955	9	9.910 166	15	0.089 834	9.889 789	6	884	
117	9.799 965	10	9.910 182	16	0.089 818	9.889 783	6	883	
118	9.799 974	9	9.910 197	15	0.089 803	9.889 777	6	882	
119	9.799 983	9	9.910 213	16	0.089 787	9.889 771	6	881	
.120	9.799 993	10	9.910 228	15	0.089 772	9.889 764	7	.880	
121	9.800 002	9	9.910 244	16	0.089 756	9.889 758	6	879	
122	9.800 011	9	9.910 259	15	0.089 741	9.889 752	6	878	
123	9.800 021	10	9.910 275	16	0.089 725	9.889 746	6	877	
124	9.800 030	9	9.910 290	15	0.089 710	9.889 740	6	876	
125	9.800 039	9	9.910 306	16	0.089 694	9.889 734	6	875	
126	9.800 049	10	9.910 321	15	0.089 679	9.889 727	7	874	
127	9.800 058	9	9.910 337	16	0.089 663	9.889 721	6	873	
128	9.800 067	9	9.910 352	15	0.089 648	9.889 715	6	872	
129	9.800 077	10	9.910 368	16	0.089 632	9.889 709	6	871	
.130	9.800 086	9	9.910 383	15	0.089 617	9.889 703	6	.870	
131	9.800 095	9	9.910 399	16	0.089 601	9.889 697	6	869	
132	9.800 104	9	9.910 414	15	0.089 586	9.889 690	7	868	
133	9.800 114	10	9.910 429	15	0.089 571	9.889 684	6	867	
134	9.800 123	9	9.910 445	16	0.089 555	9.889 678	6	866	
135	9.800 132	9	9.910 460	15	0.089 540	9.889 672	6	865	
136	9.800 142	10	9.910 476	16	0.089 524	9.889 666	6	864	
137	9.800 151	9	9.910 491	15	0.089 509	9.889 660	6	863	
138	9.800 160	9	9.910 507	16	0.089 493	9.889 653	7	862	
139	9.800 170	10	9.910 522	15	0.089 478	9.889 647	6	861	
.140	9.800 179	9	9.910 538	16	0.089 462	9.889 641	6	.860	
141	9.800 188	9	9.910 553	15	0.089 447	9.889 635	6	859	
142	9.800 198	10	9.910 569	16	0.089 431	9.889 629	6	858	
143	9.800 207	9	9.910 584	15	0.089 416	9.889 623	6	857	
144	9.800 216	9	9.910 600	16	0.089 400	9.889 616	7	856	
145	9.800 226	10	9.910 615	15	0.089 385	9.889 610	6	855	
146	9.800 235	9	9.910 631	16	0.089 369	9.889 604	6	854	
147	9.800 244	9	9.910 646	15	0.089 354	9.889 598	6	853	
148	9.800 253	9	9.910 662	16	0.089 338	9.889 592	6	852	
149	9.800 263	10	9.910 677	15	0.089 323	9.889 586	6	851	
.150	9.800 272	9	9.910 693	16	0.089 307	9.889 579	7	.850	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.900 — 50°.850

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.150 — 39°.200

39°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.800 272		9.910 693		0.089 307	9.889 579		.850	
151	9.800 281	9	9.910 708	15	0.089 292	9.889 573	6	849	
152	9.800 291	10	9.910 724	16	0.089 276	9.889 567	6	848	
153	9.800 300	9	9.910 739	15	0.089 261	9.889 561	6	847	
		9		16			6		
154	9.800 309	9	9.910 755	15	0.089 245	9.889 555	6	846	
155	9.800 319	10	9.910 770	15	0.089 230	9.889 549	6	845	
156	9.800 328	9	9.910 786	16	0.089 214	9.889 542	7	844	
		9		15			6		
157	9.800 337	10	9.910 801	16	0.089 199	9.889 536	6	843	
158	9.800 347	9	9.910 817	16	0.089 183	9.889 530	6	842	
159	9.800 356	9	9.910 832	15	0.089 168	9.889 524	6	841	
		9		15			6		
.160	9.800 365	10	9.910 847	16	0.089 153	9.889 518	6	.840	
		9		15			6		
161	9.800 375	9	9.910 863	15	0.089 137	9.889 512	7	839	
162	9.800 384	9	9.910 878	16	0.089 122	9.889 505	6	838	
163	9.800 393	9	9.910 894	15	0.089 106	9.889 499	6	837	
		9		15			6		
164	9.800 402	10	9.910 909	16	0.089 091	9.889 493	6	836	
165	9.800 412	9	9.910 925	16	0.089 075	9.889 487	6	835	
166	9.800 421	9	9.910 940	15	0.089 060	9.889 481	6	834	
		9		16			7		
167	9.800 430	10	9.910 956	15	0.089 044	9.889 474	6	833	
168	9.800 440	9	9.910 971	15	0.089 029	9.889 468	6	832	
169	9.800 449	9	9.910 987	16	0.089 013	9.889 462	6	831	
		9		15			6		
.170	9.800 458	10	9.911 002	16	0.088 998	9.889 456	6	.830	
		9		15			6		
171	9.800 468	9	9.911 018	15	0.088 982	9.889 450	6	829	
172	9.800 477	9	9.911 033	16	0.088 967	9.889 444	7	828	
173	9.800 486	9	9.911 049	15	0.088 951	9.889 437	6	827	
		9		16			6		
174	9.800 495	10	9.911 064	16	0.088 936	9.889 431	6	826	
175	9.800 505	9	9.911 080	15	0.088 920	9.889 425	6	825	
176	9.800 514	9	9.911 095	15	0.088 905	9.889 419	6	824	
		9		16			6		
177	9.800 523	10	9.911 111	15	0.088 889	9.889 413	6	823	
178	9.800 533	9	9.911 126	16	0.088 874	9.889 407	6	822	
179	9.800 542	9	9.911 142	16	0.088 858	9.889 400	7	821	
		9		15			6		
.180	9.800 551	10	9.911 157	16	0.088 843	9.889 394	6	.820	
		9		15			6		
181	9.800 561	9	9.911 173	15	0.088 827	9.889 388	6	819	
182	9.800 570	9	9.911 188	16	0.088 812	9.889 382	6	818	
183	9.800 579	9	9.911 204	15	0.088 796	9.889 376	7	817	
		9		15			6		
184	9.800 588	10	9.911 219	15	0.088 781	9.889 369	6	816	
185	9.800 598	9	9.911 234	16	0.088 766	9.889 363	6	815	
186	9.800 607	9	9.911 250	15	0.088 750	9.889 357	6	814	
		9		15			6		
187	9.800 616	10	9.911 265	16	0.088 735	9.889 351	6	813	
188	9.800 626	9	9.911 281	15	0.088 719	9.889 345	6	812	
189	9.800 635	9	9.911 296	15	0.088 704	9.889 339	6	811	
		9		16			7		
.190	9.800 644	10	9.911 312	15	0.088 688	9.889 332	6	.810	
		9		16			6		
191	9.800 654	9	9.911 327	16	0.088 673	9.889 326	6	809	
192	9.800 663	9	9.911 343	15	0.088 657	9.889 320	6	808	
193	9.800 672	9	9.911 358	15	0.088 642	9.889 314	6	807	
		9		16			6		
194	9.800 681	10	9.911 374	15	0.088 626	9.889 308	6	806	
195	9.800 691	9	9.911 389	15	0.088 611	9.889 302	6	805	
196	9.800 700	9	9.911 405	16	0.088 595	9.889 295	7	804	
		9		15			6		
197	9.800 709	10	9.911 420	16	0.088 580	9.889 289	6	803	
198	9.800 719	9	9.911 436	15	0.088 564	9.889 283	6	802	
199	9.800 728	9	9.911 451	15	0.088 549	9.889 277	6	801	
		9		16			6		
.200	9.800 737		9.911 467		0.088 533	9.889 271		.800	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.850 — 50°.800

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.200 — 39°.250

39°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.800 737		9.911 467		0.088 533	9.889 271		.800	
201	9.800 747	10	9.911 482	15	0.088 518	9.889 264	7	799	
202	9.800 756	9	9.911 498	16	0.088 502	9.889 258	6	798	
203	9.800 765	9	9.911 513	15	0.088 487	9.889 252	6	797	
		9		16			6		
204	9.800 774	9	9.911 529	15	0.088 471	9.889 246	6	796	
205	9.800 784	10	9.911 544	15	0.088 456	9.889 240	6	795	
206	9.800 793	9	9.911 559	15	0.088 441	9.889 233	7	794	
		9		16			6		
207	9.800 802	9	9.911 575	15	0.088 425	9.889 227	6	793	
208	9.800 812	10	9.911 590	15	0.088 410	9.889 221	6	792	
209	9.800 821	9	9.911 606	16	0.088 394	9.889 215	6	791	
		9		15			6		
.210	9.800 830		9.911 621		0.088 379	9.889 209		.790	
		9		16			6		
211	9.800 839	9	9.911 637	15	0.088 363	9.889 203	6	789	
212	9.800 849	10	9.911 652	15	0.088 348	9.889 196	7	788	
213	9.800 858	9	9.911 668	16	0.088 332	9.889 190	6	787	
		9		15			6		
214	9.800 867	9	9.911 683	15	0.088 317	9.889 184	6	786	
215	9.800 877	10	9.911 699	16	0.088 301	9.889 178	6	785	
216	9.800 886	9	9.911 714	15	0.088 286	9.889 172	6	784	
		9		16			7		
217	9.800 895	9	9.911 730	15	0.088 270	9.889 165	6	783	
218	9.800 904	9	9.911 745	15	0.088 255	9.889 159	6	782	
219	9.800 914	10	9.911 761	16	0.088 239	9.889 153	6	781	
		9		15			6		
.220	9.800 923		9.911 776		0.088 224	9.889 147		.780	
		9		16			6		
221	9.800 932	9	9.911 792	15	0.088 208	9.889 141	6	779	
222	9.800 942	10	9.911 807	15	0.088 193	9.889 135	6	778	
223	9.800 951	9	9.911 823	16	0.088 177	9.889 128	7	777	
		9		15			6		
224	9.800 960	9	9.911 838	15	0.088 162	9.889 122	6	776	
225	9.800 969	9	9.911 853	15	0.088 147	9.889 116	6	775	
226	9.800 979	10	9.911 869	16	0.088 131	9.889 110	6	774	
		9		15			6		
227	9.800 988	9	9.911 884	15	0.088 116	9.889 104	6	773	
228	9.800 997	9	9.911 900	16	0.088 100	9.889 097	7	772	
229	9.801 007	10	9.911 915	15	0.088 085	9.889 091	6	771	
		9		16			6		
.230	9.801 016		9.911 931		0.088 069	9.889 085		.770	
		9		15			6		
231	9.801 025	9	9.911 946	16	0.088 054	9.889 079	6	769	
232	9.801 034	9	9.911 962	16	0.088 038	9.889 073	6	768	
233	9.801 044	10	9.911 977	15	0.088 023	9.889 066	7	767	
		9		16			6		
234	9.801 053	9	9.911 993	15	0.088 007	9.889 060	6	766	
235	9.801 062	9	9.912 008	15	0.087 992	9.889 054	6	765	
236	9.801 072	10	9.912 024	16	0.087 976	9.889 048	6	764	
		9		15			6		
237	9.801 081	9	9.912 039	15	0.087 961	9.889 042	6	763	
238	9.801 090	9	9.912 055	16	0.087 945	9.889 036	6	762	
239	9.801 099	9	9.912 070	15	0.087 930	9.889 029	7	761	
		10		16			6		
.240	9.801 109		9.912 086		0.087 914	9.889 023		.760	
		9		15			6		
241	9.801 118	9	9.912 101	15	0.087 899	9.889 017	6	759	
242	9.801 127	9	9.912 117	16	0.087 883	9.889 011	6	758	
243	9.801 137	10	9.912 132	15	0.087 868	9.889 005	6	757	
		9		15			7		
244	9.801 146	9	9.912 147	15	0.087 853	9.888 998	6	756	
245	9.801 155	9	9.912 163	16	0.087 837	9.888 992	6	755	
246	9.801 164	9	9.912 178	15	0.087 822	9.888 986	6	754	
		10		16			6		
247	9.801 174	9	9.912 194	15	0.087 806	9.888 980	6	753	
248	9.801 183	9	9.912 209	15	0.087 791	9.888 974	6	752	
249	9.801 192	9	9.912 225	16	0.087 775	9.888 967	7	751	
		9		15			6		
.250	9.801 201		9.912 240		0.087 760	9.888 961		.750	
		9		15			6		
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.800 — 50°.750

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.250 — 39°.300

39°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.801 201		9.912 240		0.087 760	9.888 961		.750	
251	9.801 211	10	9.912 256	16	0.087 744	9.888 955	6	749	
252	9.801 220	9	9.912 271	15	0.087 729	9.888 949	6	748	
253	9.801 229	9	9.912 287	16	0.087 713	9.888 943	6	747	
254	9.801 239	10	9.912 302	15	0.087 698	9.888 936	7	746	
255	9.801 248	9	9.912 318	16	0.087 682	9.888 930	6	745	
256	9.801 257	9	9.912 333	15	0.087 667	9.888 924	6	744	
257	9.801 266	9	9.912 349	16	0.087 651	9.888 918	6	743	
258	9.801 276	10	9.912 364	15	0.087 636	9.888 912	6	742	
259	9.801 285	9	9.912 380	16	0.087 620	9.888 905	7	741	
.260	9.801 294	9	9.912 395	15	0.087 605	9.888 899	6	.740	
261	9.801 304	10	9.912 410	15	0.087 590	9.888 893	6	739	
262	9.801 313	9	9.912 426	16	0.087 574	9.888 887	6	738	
263	9.801 322	9	9.912 441	15	0.087 559	9.888 881	6	737	
264	9.801 331	9	9.912 457	16	0.087 543	9.888 874	7	736	
265	9.801 341	10	9.912 472	15	0.087 528	9.888 868	6	735	
266	9.801 350	9	9.912 488	16	0.087 512	9.888 862	6	734	
267	9.801 359	9	9.912 503	15	0.087 497	9.888 856	6	733	
268	9.801 368	9	9.912 519	16	0.087 481	9.888 850	6	732	
269	9.801 378	10	9.912 534	15	0.087 466	9.888 844	6	731	
.270	9.801 387	9	9.912 550	16	0.087 450	9.888 837	7	.730	
271	9.801 396	9	9.912 565	15	0.087 435	9.888 831	6	729	
272	9.801 406	10	9.912 581	16	0.087 419	9.888 825	6	728	
273	9.801 415	9	9.912 596	15	0.087 404	9.888 819	6	727	
274	9.801 424	9	9.912 612	16	0.087 388	9.888 813	6	726	
275	9.801 433	9	9.912 627	15	0.087 373	9.888 806	7	725	
276	9.801 443	10	9.912 642	15	0.087 358	9.888 800	6	724	
277	9.801 452	9	9.912 658	16	0.087 342	9.888 794	6	723	
278	9.801 461	9	9.912 673	15	0.087 327	9.888 788	6	722	
279	9.801 470	9	9.912 689	16	0.087 311	9.888 782	6	721	
.280	9.801 480	10	9.912 704	15	0.087 296	9.888 775	7	.720	
281	9.801 489	9	9.912 720	16	0.087 280	9.888 769	6	719	
282	9.801 498	9	9.912 735	15	0.087 265	9.888 763	6	718	
283	9.801 507	9	9.912 751	16	0.087 249	9.888 757	6	717	
284	9.801 517	10	9.912 766	15	0.087 234	9.888 751	6	716	
285	9.801 526	9	9.912 782	16	0.087 218	9.888 744	7	715	
286	9.801 535	9	9.912 797	15	0.087 203	9.888 738	6	714	
287	9.801 545	10	9.912 813	16	0.087 187	9.888 732	6	713	
288	9.801 554	9	9.912 828	15	0.087 172	9.888 726	6	712	
289	9.801 563	9	9.912 844	16	0.087 156	9.888 720	6	711	
.290	9.801 572	9	9.912 859	15	0.087 141	9.888 713	7	.710	
291	9.801 582	10	9.912 874	15	0.087 126	9.888 707	6	709	
292	9.801 591	9	9.912 890	16	0.087 110	9.888 701	6	708	
293	9.801 600	9	9.912 905	15	0.087 095	9.888 695	6	707	
294	9.801 609	9	9.912 921	16	0.087 079	9.888 689	6	706	
295	9.801 619	10	9.912 936	15	0.087 064	9.888 682	7	705	
296	9.801 628	9	9.912 952	16	0.087 048	9.888 676	6	704	
297	9.801 637	9	9.912 967	15	0.087 033	9.888 670	6	703	
298	9.801 646	9	9.912 983	16	0.087 017	9.888 664	6	702	
299	9.801 656	10	9.912 998	15	0.087 002	9.888 657	7	701	
.300	9.801 665	9	9.913 014	16	0.086 986	9.888 651	6	.700	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.750 — 50°.700

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.300 — 39°.350

39°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.801 665		9.913 014		0.086 986	9.888 651		.700	
301	9.801 674	9	9.913 029	15	0.086 971	9.888 645	6	699	
302	9.801 683	9	9.913 045	16	0.086 955	9.888 639	6	698	
303	9.801 693	10	9.913 060	15	0.086 940	9.888 633	6	697	
304	9.801 702	9	9.913 076	16	0.086 924	9.888 626	7	696	
305	9.801 711	9	9.913 091	15	0.086 909	9.888 620	6	695	
306	9.801 721	10	9.913 106	15	0.086 894	9.888 614	6	694	
307	9.801 730	9	9.913 122	16	0.086 878	9.888 608	6	693	
308	9.801 739	9	9.913 137	15	0.086 863	9.888 602	7	692	
309	9.801 748	9	9.913 153	16	0.086 847	9.888 595	6	691	
.310	9.801 758	10	9.913 168	15	0.086 832	9.888 589	6	.690	
311	9.801 767	9	9.913 184	16	0.086 816	9.888 583	6	689	
312	9.801 776	9	9.913 199	15	0.086 801	9.888 577	6	688	
313	9.801 785	9	9.913 215	16	0.086 785	9.888 571	6	687	
314	9.801 795	10	9.913 230	15	0.086 770	9.888 564	7	686	
315	9.801 804	9	9.913 246	16	0.086 754	9.888 558	6	685	
316	9.801 813	9	9.913 261	15	0.086 739	9.888 552	6	684	
317	9.801 822	9	9.913 277	16	0.086 723	9.888 546	6	683	
318	9.801 832	10	9.913 292	15	0.086 708	9.888 540	6	682	
319	9.801 841	9	9.913 307	15	0.086 693	9.888 533	7	681	
.320	9.801 850	9	9.913 323	16	0.086 677	9.888 527	6	.680	
321	9.801 859	9	9.913 338	15	0.086 662	9.888 521	6	679	
322	9.801 869	10	9.913 354	16	0.086 646	9.888 515	6	678	
323	9.801 878	9	9.913 369	15	0.086 631	9.888 509	6	677	
324	9.801 887	9	9.913 385	16	0.086 615	9.888 502	7	676	
325	9.801 896	9	9.913 400	15	0.086 600	9.888 496	6	675	
326	9.801 906	10	9.913 416	16	0.086 584	9.888 490	6	674	
327	9.801 915	9	9.913 431	15	0.086 569	9.888 484	6	673	
328	9.801 924	9	9.913 447	16	0.086 553	9.888 477	7	672	
329	9.801 933	9	9.913 462	15	0.086 538	9.888 471	6	671	
.330	9.801 943	10	9.913 478	16	0.086 522	9.888 465	6	.670	
331	9.801 952	9	9.913 493	15	0.086 507	9.888 459	6	669	
332	9.801 961	9	9.913 508	15	0.086 492	9.888 453	6	668	
333	9.801 970	9	9.913 524	16	0.086 476	9.888 446	7	667	
334	9.801 980	10	9.913 539	15	0.086 461	9.888 440	6	666	
335	9.801 989	9	9.913 555	16	0.086 445	9.888 434	6	665	
336	9.801 998	9	9.913 570	15	0.086 430	9.888 428	6	664	
337	9.802 007	9	9.913 586	16	0.086 414	9.888 422	6	663	
338	9.802 017	10	9.913 601	15	0.086 399	9.888 415	7	662	
339	9.802 026	9	9.913 617	16	0.086 383	9.888 409	6	661	
.340	9.802 035	9	9.913 632	15	0.086 368	9.888 403	6	.660	
341	9.802 044	9	9.913 648	16	0.086 352	9.888 397	6	659	
342	9.802 054	10	9.913 663	15	0.086 337	9.888 391	6	658	
343	9.802 063	9	9.913 679	16	0.086 321	9.888 384	7	657	
344	9.802 072	9	9.913 694	15	0.086 306	9.888 378	6	656	
345	9.802 081	9	9.913 709	15	0.086 291	9.888 372	6	655	
346	9.802 091	10	9.913 725	16	0.086 275	9.888 366	6	654	
347	9.802 100	9	9.913 740	15	0.086 260	9.888 359	7	653	
348	9.802 109	9	9.913 756	16	0.086 244	9.888 353	6	652	
349	9.802 118	9	9.913 771	15	0.086 229	9.888 347	6	651	
.350	9.802 128	10	9.913 787	16	0.086 213	9.888 341	6	.650	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

50°.700 — 50°.650

39°.350 — 39°.400

39°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.802 128		9.913 787		0.086 213	9.888 341		.650	
351	9.802 137	9	9.913 802	15	0.086 198	9.888 335	6	649	
352	9.802 146	9	9.913 818	16	0.086 182	9.888 328	7	648	
353	9.802 155	9	9.913 833	15	0.086 167	9.888 322	6	647	
		10		16			6		
354	9.802 165		9.913 849		0.086 151	9.888 316	6	646	
355	9.802 174	9	9.913 864	15	0.086 136	9.888 310	6	645	
356	9.802 183	9	9.913 880	16	0.086 120	9.888 304	6	644	
		9		15			7		
357	9.802 192		9.913 895		0.086 105	9.888 297	6	643	
358	9.802 202	10	9.913 910	15	0.086 090	9.888 291	6	642	
359	9.802 211	9	9.913 926	16	0.086 074	9.888 285	6	641	
		9		15			6		
.360	9.802 220		9.913 941		0.086 059	9.888 279		.640	
		9		16			7		
361	9.802 229		9.913 957		0.086 043	9.888 272	6	639	
362	9.802 238	9	9.913 972	15	0.086 028	9.888 266	6	638	
363	9.802 248	10	9.913 988	16	0.086 012	9.888 260	6	637	
		9		15			6		
364	9.802 257		9.914 003		0.085 997	9.888 254	6	636	
365	9.802 266	9	9.914 019	16	0.085 981	9.888 248	6	635	
366	9.802 275	9	9.914 034	15	0.085 966	9.888 241	7	634	
		10		16			6		
367	9.802 285		9.914 050		0.085 950	9.888 235	6	633	
368	9.802 294	9	9.914 065	15	0.085 935	9.888 229	6	632	
369	9.802 303	9	9.914 080	15	0.085 920	9.888 223	6	631	
		9		16			7		
.370	9.802 312		9.914 096		0.085 904	9.888 216		.630	
		10		15			6		
371	9.802 322		9.914 111		0.085 889	9.888 210	6	629	
372	9.802 331	9	9.914 127	16	0.085 873	9.888 204	6	628	
373	9.802 340	9	9.914 142	15	0.085 858	9.888 198	6	627	
		9		16			6		
374	9.802 349		9.914 158		0.085 842	9.888 192	7	626	
375	9.802 359	10	9.914 173	15	0.085 827	9.888 185	6	625	
376	9.802 368	9	9.914 189	16	0.085 811	9.888 179	6	624	
		9		15			6		
377	9.802 377		9.914 204		0.085 796	9.888 173	6	623	
378	9.802 386	9	9.914 220	16	0.085 780	9.888 167	6	622	
379	9.802 396	10	9.914 235	15	0.085 765	9.888 160	7	621	
		9		15			6		
.380	9.802 405		9.914 250		0.085 750	9.888 154		.620	
		9		16			6		
381	9.802 414		9.914 266		0.085 734	9.888 148	6	619	
382	9.802 423	9	9.914 281	15	0.085 719	9.888 142	6	618	
383	9.802 432	9	9.914 297	16	0.085 703	9.888 136	6	617	
		10		15			7		
384	9.802 442		9.914 312		0.085 688	9.888 129	6	616	
385	9.802 451	9	9.914 328	16	0.085 672	9.888 123	6	615	
386	9.802 460	9	9.914 343	15	0.085 657	9.888 117	6	614	
		9		16			6		
387	9.802 469		9.914 359		0.085 641	9.888 111	7	613	
388	9.802 479	10	9.914 374	15	0.085 626	9.888 104	6	612	
389	9.802 488	9	9.914 390	16	0.085 610	9.888 098	6	611	
		9		15			6		
.390	9.802 497		9.914 405		0.085 595	9.888 092		.610	
		9		16			6		
391	9.802 506		9.914 421		0.085 579	9.888 086	6	609	
392	9.802 516	10	9.914 436	15	0.085 564	9.888 080	6	608	
393	9.802 525	9	9.914 451	15	0.085 549	9.888 073	7	607	
		9		16			6		
394	9.802 534		9.914 467		0.085 533	9.888 067	6	606	
395	9.802 543	9	9.914 482	15	0.085 518	9.888 061	6	605	
396	9.802 552	9	9.914 498	16	0.085 502	9.888 055	6	604	
		10		15			7		
397	9.802 562		9.914 513		0.085 487	9.888 048	6	603	
398	9.802 571	9	9.914 529	16	0.085 471	9.888 042	6	602	
399	9.802 580	9	9.914 544	15	0.085 456	9.888 036	6	601	
		9		16			6		
.400	9.802 589		9.914 560		0.085 440	9.888 030		.600	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.650 — 50°.600

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.400 — 39°.450

39°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.802 589		9.914 560		0.085 440	9.888 030		.600	
401	9.802 599	10	9.914 575	15	0.085 425	9.888 024	6	599	
402	9.802 608	9	9.914 591	16	0.085 409	9.888 017	7	598	
403	9.802 617	9	9.914 606	15	0.085 394	9.888 011	6	597	
404	9.802 626	9	9.914 621	15	0.085 379	9.888 005	6	596	
405	9.802 636	10	9.914 637	16	0.085 363	9.887 999	6	595	
406	9.802 645	9	9.914 652	15	0.085 348	9.887 992	7	594	
407	9.802 654	9	9.914 668	16	0.085 332	9.887 986	6	593	
408	9.802 663	9	9.914 683	15	0.085 317	9.887 980	6	592	
409	9.802 672	9	9.914 699	16	0.085 301	9.887 974	6	591	
.410	9.802 682	10	9.914 714	15	0.085 286	9.887 968	6	.590	
411	9.802 691	9	9.914 730	16	0.085 270	9.887 961	7	589	
412	9.802 700	9	9.914 745	15	0.085 255	9.887 955	6	588	
413	9.802 709	9	9.914 760	15	0.085 240	9.887 949	6	587	
414	9.802 719	10	9.914 776	16	0.085 224	9.887 943	6	586	
415	9.802 728	9	9.914 791	15	0.085 209	9.887 936	7	585	
416	9.802 737	9	9.914 807	16	0.085 193	9.887 930	6	584	
417	9.802 746	9	9.914 822	15	0.085 178	9.887 924	6	583	
418	9.802 755	9	9.914 838	16	0.085 162	9.887 918	6	582	
419	9.802 765	10	9.914 853	15	0.085 147	9.887 911	7	581	
.420	9.802 774	9	9.914 869	16	0.085 131	9.887 905	6	.580	
421	9.802 783	9	9.914 884	15	0.085 116	9.887 899	6	579	
422	9.802 792	9	9.914 900	16	0.085 100	9.887 893	6	578	
423	9.802 802	10	9.914 915	15	0.085 085	9.887 887	6	577	
424	9.802 811	9	9.914 930	15	0.085 070	9.887 880	7	576	
425	9.802 820	9	9.914 946	16	0.085 054	9.887 874	6	575	
426	9.802 829	9	9.914 961	15	0.085 039	9.887 868	6	574	
427	9.802 838	9	9.914 977	16	0.085 023	9.887 862	6	573	
428	9.802 848	10	9.914 992	15	0.085 008	9.887 855	7	572	
429	9.802 857	9	9.915 008	16	0.084 992	9.887 849	6	571	
.430	9.802 866	9	9.915 023	15	0.084 977	9.887 843	6	.570	
431	9.802 875	9	9.915 039	16	0.084 961	9.887 837	6	569	
432	9.802 885	10	9.915 054	15	0.084 946	9.887 830	7	568	
433	9.802 894	9	9.915 070	16	0.084 930	9.887 824	6	567	
434	9.802 903	9	9.915 085	15	0.084 915	9.887 818	6	566	
435	9.802 912	9	9.915 100	15	0.084 900	9.887 812	6	565	
436	9.802 921	9	9.915 116	16	0.084 884	9.887 805	7	564	
437	9.802 931	10	9.915 131	15	0.084 869	9.887 799	6	563	
438	9.802 940	9	9.915 147	16	0.084 853	9.887 793	6	562	
439	9.802 949	9	9.915 162	15	0.084 838	9.887 787	6	561	
.440	9.802 958	9	9.915 178	16	0.084 822	9.887 781	6	.560	
441	9.802 967	9	9.915 193	15	0.084 807	9.887 774	7	559	
442	9.802 977	10	9.915 209	16	0.084 791	9.887 768	6	558	
443	9.802 986	9	9.915 224	15	0.084 776	9.887 762	6	557	
444	9.802 995	9	9.915 239	15	0.084 761	9.887 756	6	556	
445	9.803 004	9	9.915 255	16	0.084 745	9.887 749	7	555	
446	9.803 014	10	9.915 270	15	0.084 730	9.887 743	6	554	
447	9.803 023	9	9.915 286	16	0.084 714	9.887 737	6	553	
448	9.803 032	9	9.915 301	15	0.084 699	9.887 731	6	552	
449	9.803 041	9	9.915 317	16	0.084 683	9.887 724	7	551	
.450	9.803 050	9	9.915 332	15	0.084 668	9.887 718	6	.550	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.600 — 50°.550

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.450 — 39°.500

39°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.803 050		9.915 332		0.084 668	9.887 718		.550	
451	9.803 060	10	9.915 348	16	0.084 652	9.887 712	6	549	
452	9.803 069	9	9.915 363	15	0.084 637	9.887 706	6	548	
453	9.803 078	9	9.915 379	16	0.084 621	9.887 699	7	547	
		9		15			6		
454	9.803 087	9	9.915 394	15	0.084 606	9.887 693	6	546	
455	9.803 096	9	9.915 409	15	0.084 591	9.887 687	6	545	
456	9.803 106	10	9.915 425	16	0.084 575	9.887 681	6	544	
		9		15			6		
457	9.803 115	9	9.915 440	16	0.084 560	9.887 675	7	543	
458	9.803 124	9	9.915 456	16	0.084 544	9.887 668	6	542	
459	9.803 133	9	9.915 471	15	0.084 529	9.887 662	6	541	
		9		16			6		
.460	9.803 142		9.915 487		0.084 513	9.887 656		.540	
		10		15			6		
461	9.803 152	9	9.915 502	16	0.084 498	9.887 650	7	539	
462	9.803 161	9	9.915 518	16	0.084 482	9.887 643	6	538	
463	9.803 170	9	9.915 533	15	0.084 467	9.887 637	6	537	
		9		15			6		
464	9.803 179	9	9.915 548	16	0.084 452	9.887 631	6	536	
465	9.803 188	9	9.915 564	16	0.084 436	9.887 625	6	535	
466	9.803 198	10	9.915 579	15	0.084 421	9.887 618	7	534	
		9		16			6		
467	9.803 207	9	9.915 595	15	0.084 405	9.887 612	6	533	
468	9.803 216	9	9.915 610	15	0.084 390	9.887 606	6	532	
469	9.803 225	9	9.915 626	16	0.084 374	9.887 600	6	531	
		10		15			7		
.470	9.803 235		9.915 641		0.084 359	9.887 593		.530	
		9		16			6		
471	9.803 244	9	9.915 657	15	0.084 343	9.887 587	6	529	
472	9.803 253	9	9.915 672	15	0.084 328	9.887 581	6	528	
473	9.803 262	9	9.915 687	15	0.084 313	9.887 575	6	527	
		9		16			7		
474	9.803 271	10	9.915 703	15	0.084 297	9.887 568	6	526	
475	9.803 281	9	9.915 718	16	0.084 282	9.887 562	6	525	
476	9.803 290	9	9.915 734	16	0.084 266	9.887 556	6	524	
		9		15			6		
477	9.803 299	9	9.915 749	16	0.084 251	9.887 550	7	523	
478	9.803 308	9	9.915 765	16	0.084 235	9.887 543	6	522	
479	9.803 317	9	9.915 780	15	0.084 220	9.887 537	6	521	
		10		16			6		
.480	9.803 327		9.915 796		0.084 204	9.887 531		.520	
		9		15			6		
481	9.803 336	9	9.915 811	15	0.084 189	9.887 525	7	519	
482	9.803 345	9	9.915 826	16	0.084 174	9.887 518	6	518	
483	9.803 354	9	9.915 842	16	0.084 158	9.887 512	6	517	
		9		15			6		
484	9.803 363	10	9.915 857	16	0.084 143	9.887 506	6	516	
485	9.803 373	9	9.915 873	15	0.084 127	9.887 500	6	515	
486	9.803 382	9	9.915 888	16	0.084 112	9.887 494	6	514	
		9		16			7		
487	9.803 391	9	9.915 904	15	0.084 096	9.887 487	6	513	
488	9.803 400	9	9.915 919	16	0.084 081	9.887 481	6	512	
489	9.803 409	9	9.915 935	16	0.084 065	9.887 475	6	511	
		10		15			6		
.490	9.803 419		9.915 950		0.084 050	9.887 469		.510	
		9		15			7		
491	9.803 428	9	9.915 965	16	0.084 035	9.887 462	6	509	
492	9.803 437	9	9.915 981	16	0.084 019	9.887 456	6	508	
493	9.803 446	9	9.915 996	15	0.084 004	9.887 450	6	507	
		9		16			6		
494	9.803 455	10	9.916 012	15	0.083 988	9.887 444	7	506	
495	9.803 465	9	9.916 027	16	0.083 973	9.887 437	6	505	
496	9.803 474	9	9.916 043	16	0.083 957	9.887 431	6	504	
		9		15			6		
497	9.803 483	9	9.916 058	16	0.083 942	9.887 425	6	503	
498	9.803 492	9	9.916 074	16	0.083 926	9.887 419	6	502	
499	9.803 501	9	9.916 089	15	0.083 911	9.887 412	7	501	
		10		15			6		
.500	9.803 511		9.916 104		0.083 896	9.887 406		.500	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.500 — 39°.550

39°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.803 511		9.916 104		0.083 896	9.887 406		.500	
501	9.803 520	9	9.916 120	16	0.083 880	9.887 400	6	499	
502	9.803 529	9	9.916 135	15	0.083 865	9.887 394	6	498	
503	9.803 538	9	9.916 151	16	0.083 849	9.887 387	7	497	
504	9.803 547	9	9.916 166	15	0.083 834	9.887 381	6	496	
505	9.803 556	9	9.916 182	16	0.083 818	9.887 375	6	495	
506	9.803 566	10	9.916 197	15	0.083 803	9.887 369	6	494	
507	9.803 575	9	9.916 213	16	0.083 787	9.887 362	7	493	
508	9.803 584	9	9.916 228	15	0.083 772	9.887 356	6	492	
509	9.803 593	9	9.916 243	15	0.083 757	9.887 350	6	491	
.510	9.803 602	9	9.916 259	16	0.083 741	9.887 344	6	.490	
511	9.803 612	10	9.916 274	15	0.083 726	9.887 337	7	489	
512	9.803 621	9	9.916 290	16	0.083 710	9.887 331	6	488	
513	9.803 630	9	9.916 305	15	0.083 695	9.887 325	6	487	
514	9.803 639	9	9.916 321	16	0.083 679	9.887 319	6	486	
515	9.803 648	9	9.916 336	15	0.083 664	9.887 312	7	485	
516	9.803 658	10	9.916 352	16	0.083 648	9.887 306	6	484	
517	9.803 667	9	9.916 367	15	0.083 633	9.887 300	6	483	
518	9.803 676	9	9.916 382	15	0.083 618	9.887 294	6	482	
519	9.803 685	9	9.916 398	16	0.083 602	9.887 287	7	481	
.520	9.803 694	9	9.916 413	15	0.083 587	9.887 281	6	.480	
521	9.803 704	10	9.916 429	16	0.083 571	9.887 275	6	479	
522	9.803 713	9	9.916 444	15	0.083 556	9.887 269	6	478	
523	9.803 722	9	9.916 460	16	0.083 540	9.887 262	7	477	
524	9.803 731	9	9.916 475	15	0.083 525	9.887 256	6	476	
525	9.803 740	9	9.916 491	16	0.083 509	9.887 250	6	475	
526	9.803 749	9	9.916 506	15	0.083 494	9.887 244	6	474	
527	9.803 759	10	9.916 521	15	0.083 479	9.887 237	7	473	
528	9.803 768	9	9.916 537	16	0.083 463	9.887 231	6	472	
529	9.803 777	9	9.916 552	15	0.083 448	9.887 225	6	471	
.530	9.803 786	9	9.916 568	16	0.083 432	9.887 219	6	.470	
531	9.803 795	9	9.916 583	15	0.083 417	9.887 212	7	469	
532	9.803 805	10	9.916 599	16	0.083 401	9.887 206	6	468	
533	9.803 814	9	9.916 614	15	0.083 386	9.887 200	6	467	
534	9.803 823	9	9.916 629	15	0.083 371	9.887 193	7	466	
535	9.803 832	9	9.916 645	16	0.083 355	9.887 187	6	465	
536	9.803 841	9	9.916 660	15	0.083 340	9.887 181	6	464	
537	9.803 851	10	9.916 676	16	0.083 324	9.887 175	6	463	
538	9.803 860	9	9.916 691	15	0.083 309	9.887 168	7	462	
539	9.803 869	9	9.916 707	16	0.083 293	9.887 162	6	461	
.540	9.803 878	9	9.916 722	15	0.083 278	9.887 156	6	.460	
541	9.803 887	9	9.916 738	16	0.083 262	9.887 150	6	459	
542	9.803 896	9	9.916 753	15	0.083 247	9.887 143	7	458	
543	9.803 906	10	9.916 768	15	0.083 232	9.887 137	6	457	
544	9.803 915	9	9.916 784	16	0.083 216	9.887 131	6	456	
545	9.803 924	9	9.916 799	15	0.083 201	9.887 125	6	455	
546	9.803 933	9	9.916 815	16	0.083 185	9.887 118	7	454	
547	9.803 942	9	9.916 830	15	0.083 170	9.887 112	6	453	
548	9.803 952	10	9.916 846	16	0.083 154	9.887 106	6	452	
549	9.803 961	9	9.916 861	15	0.083 139	9.887 100	6	451	
.550	9.803 970	9	9.916 877	16	0.083 123	9.887 093	7	.450	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.500 — 50°.450

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.550 — 39°.600

39°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.803 970		9.916 877		0.083 123	9.887 093		.450	
551	9.803 979	9	9.916 892	15	0.083 108	9.887 087	6	449	
552	9.803 988	9	9.916 907	15	0.083 093	9.887 081	6	448	
553	9.803 997	9	9.916 923	16	0.083 077	9.887 075	6	447	
554	9.804 007	10	9.916 938	15	0.083 062	9.887 068	7	446	
555	9.804 016	9	9.916 954	16	0.083 046	9.887 062	6	445	
556	9.804 025	9	9.916 969	15	0.083 031	9.887 056	6	444	
557	9.804 034	9	9.916 985	16	0.083 015	9.887 050	6	443	
558	9.804 043	9	9.917 000	15	0.083 000	9.887 043	7	442	
559	9.804 052	9	9.917 015	15	0.082 985	9.887 037	6	441	
.560	9.804 062	10	9.917 031	16	0.082 969	9.887 031	6	.440	
561	9.804 071	9	9.917 046	15	0.082 954	9.887 024	7	439	
562	9.804 080	9	9.917 062	16	0.082 938	9.887 018	6	438	
563	9.804 089	9	9.917 077	15	0.082 923	9.887 012	6	437	
564	9.804 098	9	9.917 093	16	0.082 907	9.887 006	6	436	
565	9.804 108	10	9.917 108	15	0.082 892	9.886 999	7	435	
566	9.804 117	9	9.917 124	16	0.082 876	9.886 993	6	434	
567	9.804 126	9	9.917 139	15	0.082 861	9.886 987	6	433	
568	9.804 135	9	9.917 154	15	0.082 846	9.886 981	6	432	
569	9.804 144	9	9.917 170	16	0.082 830	9.886 974	7	431	
.570	9.804 153	9	9.917 185	15	0.082 815	9.886 968	6	.430	
571	9.804 163	10	9.917 201	16	0.082 799	9.886 962	6	429	
572	9.804 172	9	9.917 216	15	0.082 784	9.886 956	6	428	
573	9.804 181	9	9.917 232	16	0.082 768	9.886 949	7	427	
574	9.804 190	9	9.917 247	15	0.082 753	9.886 943	6	426	
575	9.804 199	9	9.917 262	15	0.082 738	9.886 937	6	425	
576	9.804 208	9	9.917 278	16	0.082 722	9.886 931	6	424	
577	9.804 218	10	9.917 293	15	0.082 707	9.886 924	7	423	
578	9.804 227	9	9.917 309	16	0.082 691	9.886 918	6	422	
579	9.804 236	9	9.917 324	15	0.082 676	9.886 912	6	421	
.580	9.804 245	9	9.917 340	16	0.082 660	9.886 905	7	.420	
581	9.804 254	9	9.917 355	15	0.082 645	9.886 899	6	419	
582	9.804 263	9	9.917 370	15	0.082 630	9.886 893	6	418	
583	9.804 273	10	9.917 386	16	0.082 614	9.886 887	6	417	
584	9.804 282	9	9.917 401	15	0.082 599	9.886 880	7	416	
585	9.804 291	9	9.917 417	16	0.082 583	9.886 874	6	415	
586	9.804 300	9	9.917 432	15	0.082 568	9.886 868	6	414	
587	9.804 309	9	9.917 448	16	0.082 552	9.886 862	6	413	
588	9.804 318	9	9.917 463	15	0.082 537	9.886 855	7	412	
589	9.804 328	10	9.917 479	16	0.082 521	9.886 849	6	411	
.590	9.804 337	9	9.917 494	15	0.082 506	9.886 843	6	.410	
591	9.804 346	9	9.917 509	15	0.082 491	9.886 837	6	409	
592	9.804 355	9	9.917 525	16	0.082 475	9.886 830	7	408	
593	9.804 364	9	9.917 540	15	0.082 460	9.886 824	6	407	
594	9.804 373	9	9.917 556	16	0.082 444	9.886 818	6	406	
595	9.804 383	10	9.917 571	15	0.082 429	9.886 811	7	405	
596	9.804 392	9	9.917 587	16	0.082 413	9.886 805	6	404	
597	9.804 401	9	9.917 602	15	0.082 398	9.886 799	6	403	
598	9.804 410	9	9.917 617	15	0.082 383	9.886 793	6	402	
599	9.804 419	9	9.917 633	16	0.082 367	9.886 786	7	401	
.600	9.804 428	9	9.917 648	15	0.082 352	9.886 780	6	.400	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.450 — 50°.400

	16	15
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5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.600 — 39°.650

39°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.804 428		9.917 648		0.082 352	9.886 780		.400	
601	9.804 438	10	9.917 664	16	0.082 336	9.886 774	6	399	
602	9.804 447	9	9.917 679	15	0.082 321	9.886 768	6	398	
603	9.804 456	9	9.917 695	16	0.082 305	9.886 761	7	397	
604	9.804 465	9	9.917 710	15	0.082 290	9.886 755	6	396	
605	9.804 474	9	9.917 725	15	0.082 275	9.886 749	6	395	
606	9.804 483	9	9.917 741	16	0.082 259	9.886 742	7	394	
607	9.804 493	10	9.917 756	15	0.082 244	9.886 736	6	393	
608	9.804 502	9	9.917 772	16	0.082 228	9.886 730	6	392	
609	9.804 511	9	9.917 787	15	0.082 213	9.886 724	6	391	
.610	9.804 520	9	9.917 803	16	0.082 197	9.886 717	7	.390	
611	9.804 529	9	9.917 818	15	0.082 182	9.886 711	6	389	
612	9.804 538	9	9.917 833	15	0.082 167	9.886 705	6	388	
613	9.804 547	9	9.917 849	16	0.082 151	9.886 699	6	387	
614	9.804 557	10	9.917 864	15	0.082 136	9.886 692	7	386	
615	9.804 566	9	9.917 880	16	0.082 120	9.886 686	6	385	
616	9.804 575	9	9.917 895	15	0.082 105	9.886 680	6	384	
617	9.804 584	9	9.917 911	16	0.082 089	9.886 673	7	383	
618	9.804 593	9	9.917 926	15	0.082 074	9.886 667	6	382	
619	9.804 602	9	9.917 942	16	0.082 058	9.886 661	6	381	
.620	9.804 612	10	9.917 957	15	0.082 043	9.886 655	6	.380	
621	9.804 621	9	9.917 972	15	0.082 028	9.886 648	7	379	
622	9.804 630	9	9.917 988	16	0.082 012	9.886 642	6	378	
623	9.804 639	9	9.918 003	15	0.081 997	9.886 636	6	377	
624	9.804 648	9	9.918 019	16	0.081 981	9.886 630	6	376	
625	9.804 657	9	9.918 034	15	0.081 966	9.886 623	7	375	
626	9.804 667	10	9.918 050	16	0.081 950	9.886 617	6	374	
627	9.804 676	9	9.918 065	15	0.081 935	9.886 611	6	373	
628	9.804 685	9	9.918 080	15	0.081 920	9.886 604	7	372	
629	9.804 694	9	9.918 096	16	0.081 904	9.886 598	6	371	
.630	9.804 703	9	9.918 111	15	0.081 889	9.886 592	6	.370	
631	9.804 712	9	9.918 127	16	0.081 873	9.886 586	6	369	
632	9.804 721	9	9.918 142	15	0.081 858	9.886 579	7	368	
633	9.804 731	10	9.918 158	16	0.081 842	9.886 573	6	367	
634	9.804 740	9	9.918 173	15	0.081 827	9.886 567	6	366	
635	9.804 749	9	9.918 188	15	0.081 812	9.886 560	7	365	
636	9.804 758	9	9.918 204	16	0.081 796	9.886 554	6	364	
637	9.804 767	9	9.918 219	15	0.081 781	9.886 548	6	363	
638	9.804 776	9	9.918 235	16	0.081 765	9.886 542	6	362	
639	9.804 785	9	9.918 250	15	0.081 750	9.886 535	7	361	
.640	9.804 795	10	9.918 266	16	0.081 734	9.886 529	6	.360	
641	9.804 804	9	9.918 281	15	0.081 719	9.886 523	6	359	
642	9.804 813	9	9.918 296	15	0.081 704	9.886 517	6	358	
643	9.804 822	9	9.918 312	16	0.081 688	9.886 510	7	357	
644	9.804 831	9	9.918 327	15	0.081 673	9.886 504	6	356	
645	9.804 840	9	9.918 343	16	0.081 657	9.886 498	6	355	
646	9.804 850	10	9.918 358	15	0.081 642	9.886 491	7	354	
647	9.804 859	9	9.918 374	16	0.081 626	9.886 485	6	353	
648	9.804 868	9	9.918 389	15	0.081 611	9.886 479	6	352	
649	9.804 877	9	9.918 404	15	0.081 596	9.886 473	6	351	
.650	9.804 886	9	9.918 420	16	0.081 580	9.886 466	7	.350	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.400 — 50°.350

39°.650 — 39°.700

39°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.804 886		9.918 420		0.081 580	9.886 466		.350	
651	9.804 895	9	9.918 435	15	0.081 565	9.886 460	6	349	
652	9.804 904	9	9.918 451	16	0.081 549	9.886 454	6	348	
653	9.804 914	10	9.918 466	15	0.081 534	9.886 447	7	347	
654	9.804 923	9	9.918 482	16	0.081 518	9.886 441	6	346	
655	9.804 932	9	9.918 497	15	0.081 503	9.886 435	6	345	
656	9.804 941	9	9.918 512	15	0.081 488	9.886 429	6	344	
657	9.804 950	9	9.918 528	16	0.081 472	9.886 422	7	343	
658	9.804 959	9	9.918 543	15	0.081 457	9.886 416	6	342	
659	9.804 968	9	9.918 559	16	0.081 441	9.886 410	6	341	
.660	9.804 978	10	9.918 574	15	0.081 426	9.886 403	7	.340	
661	9.804 987	9	9.918 590	16	0.081 410	9.886 397	6	339	
662	9.804 996	9	9.918 605	15	0.081 395	9.886 391	6	338	
663	9.805 005	9	9.918 620	15	0.081 380	9.886 385	6	337	
664	9.805 014	9	9.918 636	16	0.081 364	9.886 378	7	336	
665	9.805 023	9	9.918 651	15	0.081 349	9.886 372	6	335	
666	9.805 032	9	9.918 667	16	0.081 333	9.886 366	6	334	
667	9.805 042	10	9.918 682	15	0.081 318	9.886 359	7	333	
668	9.805 051	9	9.918 698	16	0.081 302	9.886 353	6	332	
669	9.805 060	9	9.918 713	15	0.081 287	9.886 347	6	331	
.670	9.805 069	9	9.918 728	15	0.081 272	9.886 341	6	.330	
671	9.805 078	9	9.918 744	16	0.081 256	9.886 334	7	329	
672	9.805 087	9	9.918 759	15	0.081 241	9.886 328	6	328	
673	9.805 096	9	9.918 775	16	0.081 225	9.886 322	6	327	
674	9.805 106	10	9.918 790	15	0.081 210	9.886 315	7	326	
675	9.805 115	9	9.918 805	15	0.081 195	9.886 309	6	325	
676	9.805 124	9	9.918 821	16	0.081 179	9.886 303	6	324	
677	9.805 133	9	9.918 836	15	0.081 164	9.886 297	6	323	
678	9.805 142	9	9.918 852	16	0.081 148	9.886 290	7	322	
679	9.805 151	9	9.918 867	15	0.081 133	9.886 284	6	321	
.680	9.805 160	9	9.918 883	16	0.081 117	9.886 278	6	.320	
681	9.805 169	9	9.918 898	15	0.081 102	9.886 271	7	319	
682	9.805 179	10	9.918 913	15	0.081 087	9.886 265	6	318	
683	9.805 188	9	9.918 929	16	0.081 071	9.886 259	6	317	
684	9.805 197	9	9.918 944	15	0.081 056	9.886 253	6	316	
685	9.805 206	9	9.918 960	16	0.081 040	9.886 246	7	315	
686	9.805 215	9	9.918 975	15	0.081 025	9.886 240	6	314	
687	9.805 224	9	9.918 991	16	0.081 009	9.886 234	6	313	
688	9.805 233	9	9.919 006	15	0.080 994	9.886 227	7	312	
689	9.805 243	10	9.919 021	15	0.080 979	9.886 221	6	311	
.690	9.805 252	9	9.919 037	16	0.080 963	9.886 215	6	.310	
691	9.805 261	9	9.919 052	15	0.080 948	9.886 209	6	309	
692	9.805 270	9	9.919 068	16	0.080 932	9.886 202	7	308	
693	9.805 279	9	9.919 083	15	0.080 917	9.886 196	6	307	
694	9.805 288	9	9.919 099	16	0.080 901	9.886 190	6	306	
695	9.805 297	9	9.919 114	15	0.080 886	9.886 183	7	305	
696	9.805 307	10	9.919 129	15	0.080 871	9.886 177	6	304	
697	9.805 316	9	9.919 145	16	0.080 855	9.886 171	6	303	
698	9.805 325	9	9.919 160	15	0.080 840	9.886 165	6	302	
699	9.805 334	9	9.919 176	16	0.080 824	9.886 158	7	301	
.700	9.805 343	9	9.919 191	15	0.080 809	9.886 152	6	.300	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.350 — 50°.300

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.700 — 39°.750

39°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.805 343		9.919 191		0.080 809	9.886 152		.300	
701	9.805 352	9	9.919 207	16	0.080 793	9.886 146	6	299	
702	9.805 361	9	9.919 222	15	0.080 778	9.886 139	7	298	
703	9.805 370	9	9.919 237	15	0.080 763	9.886 133	6	297	
704	9.805 380	10	9.919 253	16	0.080 747	9.886 127	6	296	
705	9.805 389	9	9.919 268	15	0.080 732	9.886 120	7	295	
706	9.805 398	9	9.919 284	16	0.080 716	9.886 114	6	294	
707	9.805 407	9	9.919 299	15	0.080 701	9.886 108	6	293	
708	9.805 416	9	9.919 314	15	0.080 686	9.886 102	7	292	
709	9.805 425	9	9.919 330	16	0.080 670	9.886 095	6	291	
.710	9.805 434	9	9.919 345	15	0.080 655	9.886 089	6	.290	
711	9.805 443	9	9.919 361	16	0.080 639	9.886 083	6	289	
712	9.805 453	10	9.919 376	15	0.080 624	9.886 076	7	288	
713	9.805 462	9	9.919 392	16	0.080 608	9.886 070	6	287	
714	9.805 471	9	9.919 407	15	0.080 593	9.886 064	6	286	
715	9.805 480	9	9.919 422	15	0.080 578	9.886 058	6	285	
716	9.805 489	9	9.919 438	16	0.080 562	9.886 051	7	284	
717	9.805 498	9	9.919 453	15	0.080 547	9.886 045	6	283	
718	9.805 507	9	9.919 469	16	0.080 531	9.886 039	6	282	
719	9.805 516	9	9.919 484	15	0.080 516	9.886 032	7	281	
.720	9.805 526	10	9.919 500	16	0.080 500	9.886 026	6	.280	
721	9.805 535	9	9.919 515	15	0.080 485	9.886 020	6	279	
722	9.805 544	9	9.919 530	15	0.080 470	9.886 013	7	278	
723	9.805 553	9	9.919 546	16	0.080 454	9.886 007	6	277	
724	9.805 562	9	9.919 561	15	0.080 439	9.886 001	6	276	
725	9.805 571	9	9.919 577	16	0.080 423	9.885 995	6	275	
726	9.805 580	9	9.919 592	15	0.080 408	9.885 988	7	274	
727	9.805 589	9	9.919 607	15	0.080 393	9.885 982	6	273	
728	9.805 599	10	9.919 623	16	0.080 377	9.885 976	6	272	
729	9.805 608	9	9.919 638	15	0.080 362	9.885 969	7	271	
.730	9.805 617	9	9.919 654	16	0.080 346	9.885 963	6	.270	
731	9.805 626	9	9.919 669	15	0.080 331	9.885 957	6	269	
732	9.805 635	9	9.919 685	16	0.080 315	9.885 950	7	268	
733	9.805 644	9	9.919 700	15	0.080 300	9.885 944	6	267	
734	9.805 653	9	9.919 715	15	0.080 285	9.885 938	6	266	
735	9.805 662	9	9.919 731	16	0.080 269	9.885 932	6	265	
736	9.805 671	9	9.919 746	15	0.080 254	9.885 925	7	264	
737	9.805 681	10	9.919 762	16	0.080 238	9.885 919	6	263	
738	9.805 690	9	9.919 777	15	0.080 223	9.885 913	6	262	
739	9.805 699	9	9.919 793	16	0.080 207	9.885 906	7	261	
.740	9.805 708	9	9.919 808	15	0.080 192	9.885 900	6	.260	
741	9.805 717	9	9.919 823	15	0.080 177	9.885 894	6	259	
742	9.805 726	9	9.919 839	16	0.080 161	9.885 887	7	258	
743	9.805 735	9	9.919 854	15	0.080 146	9.885 881	6	257	
744	9.805 744	9	9.919 870	16	0.080 130	9.885 875	6	256	
745	9.805 754	10	9.919 885	15	0.080 115	9.885 869	6	255	
746	9.805 763	9	9.919 900	15	0.080 100	9.885 862	7	254	
747	9.805 772	9	9.919 916	16	0.080 084	9.885 856	6	253	
748	9.805 781	9	9.919 931	15	0.080 069	9.885 850	6	252	
749	9.805 790	9	9.919 947	16	0.080 053	9.885 843	7	251	
.750	9.805 799	9	9.919 962	15	0.080 038	9.885 837	6	.250	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.750 — 39°.800

39°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.805 799		9.919 962		0.080 038	9.885 837		.250	
751	9.805 808	9	9.919 978	16	0.080 022	9.885 831	6	249	
752	9.805 817	9	9.919 993	15	0.080 007	9.885 824	7	248	
753	9.805 826	9	9.920 008	15	0.079 992	9.885 818	6	247	
754	9.805 836	10	9.920 024	16	0.079 976	9.885 812	6	246	
755	9.805 845	9	9.920 039	15	0.079 961	9.885 805	7	245	
756	9.805 854	9	9.920 055	16	0.079 945	9.885 799	6	244	
757	9.805 863	9	9.920 070	15	0.079 930	9.885 793	6	243	
758	9.805 872	9	9.920 085	15	0.079 915	9.885 787	6	242	
759	9.805 881	9	9.920 101	16	0.079 899	9.885 780	7	241	
.760	9.805 890	9	9.920 116	15	0.079 884	9.885 774	6	.240	
761	9.805 899	9	9.920 132	16	0.079 868	9.885 768	6	239	
762	9.805 908	9	9.920 147	15	0.079 853	9.885 761	7	238	
763	9.805 918	10	9.920 163	16	0.079 837	9.885 755	6	237	
764	9.805 927	9	9.920 178	15	0.079 822	9.885 749	6	236	
765	9.805 936	9	9.920 193	15	0.079 807	9.885 742	7	235	
766	9.805 945	9	9.920 209	16	0.079 791	9.885 736	6	234	
767	9.805 954	9	9.920 224	15	0.079 776	9.885 730	6	233	
768	9.805 963	9	9.920 240	16	0.079 760	9.885 723	7	232	
769	9.805 972	9	9.920 255	15	0.079 745	9.885 717	6	231	
.770	9.805 981	9	9.920 270	15	0.079 730	9.885 711	6	.230	
771	9.805 990	9	9.920 286	16	0.079 714	9.885 705	6	229	
772	9.806 000	10	9.920 301	15	0.079 699	9.885 698	7	228	
773	9.806 009	9	9.920 317	16	0.079 683	9.885 692	6	227	
774	9.806 018	9	9.920 332	15	0.079 668	9.885 686	6	226	
775	9.806 027	9	9.920 348	16	0.079 652	9.885 679	7	225	
776	9.806 036	9	9.920 363	15	0.079 637	9.885 673	6	224	
777	9.806 045	9	9.920 378	15	0.079 622	9.885 667	6	223	
778	9.806 054	9	9.920 394	16	0.079 606	9.885 660	7	222	
779	9.806 063	9	9.920 409	15	0.079 591	9.885 654	6	221	
.780	9.806 072	9	9.920 425	16	0.079 575	9.885 648	6	.220	
781	9.806 081	9	9.920 440	15	0.079 560	9.885 641	7	219	
782	9.806 091	10	9.920 455	15	0.079 545	9.885 635	6	218	
783	9.806 100	9	9.920 471	16	0.079 529	9.885 629	6	217	
784	9.806 109	9	9.920 486	15	0.079 514	9.885 623	6	216	
785	9.806 118	9	9.920 502	16	0.079 498	9.885 616	7	215	
786	9.806 127	9	9.920 517	15	0.079 483	9.885 610	6	214	
787	9.806 136	9	9.920 533	16	0.079 467	9.885 604	6	213	
788	9.806 145	9	9.920 548	15	0.079 452	9.885 597	7	212	
789	9.806 154	9	9.920 563	15	0.079 437	9.885 591	6	211	
.790	9.806 163	9	9.920 579	16	0.079 421	9.885 585	6	.210	
791	9.806 173	10	9.920 594	15	0.079 406	9.885 578	7	209	
792	9.806 182	9	9.920 610	16	0.079 390	9.885 572	6	208	
793	9.806 191	9	9.920 625	15	0.079 375	9.885 566	6	207	
794	9.806 200	9	9.920 640	15	0.079 360	9.885 559	7	206	
795	9.806 209	9	9.920 656	16	0.079 344	9.885 553	6	205	
796	9.806 218	9	9.920 671	15	0.079 329	9.885 547	6	204	
797	9.806 227	9	9.920 687	16	0.079 313	9.885 540	7	203	
798	9.806 236	9	9.920 702	15	0.079 298	9.885 534	6	202	
799	9.806 245	9	9.920 717	15	0.079 283	9.885 528	6	201	
.800	9.806 254	9	9.920 733	16	0.079 267	9.885 522	6	.200	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.250 — 50°.200

	16	15
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4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.800 — 39°.850

39°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.806 254	10	9.920 733	15	0.079 267	9.885 522	7	.200	
801	9.806 264		9.920 748		0.079 252	9.885 515		199	
802	9.806 273		9.920 764		0.079 236	9.885 509		198	
803	9.806 282		9.920 779		0.079 221	9.885 503		197	
804	9.806 291		9.920 795		0.079 205	9.885 496		196	
805	9.806 300		9.920 810		0.079 190	9.885 490		195	
806	9.806 309		9.920 825		0.079 175	9.885 484		194	
807	9.806 318		9.920 841		0.079 159	9.885 477		193	
808	9.806 327		9.920 856		0.079 144	9.885 471		192	
809	9.806 336		9.920 872		0.079 128	9.885 465		191	
.810	9.806 345	9	9.920 887	15	0.079 113	9.885 458	6	.190	
811	9.806 354		9.920 902		0.079 098	9.885 452		189	
812	9.806 364		9.920 918		0.079 082	9.885 446		188	
813	9.806 373		9.920 933		0.079 067	9.885 439		187	
814	9.806 382		9.920 949		0.079 051	9.885 433		186	
815	9.806 391		9.920 964		0.079 036	9.885 427		185	
816	9.806 400		9.920 979		0.079 021	9.885 420		184	
817	9.806 409		9.920 995		0.079 005	9.885 414		183	
818	9.806 418		9.921 010		0.078 990	9.885 408		182	
819	9.806 427		9.921 026		0.078 974	9.885 401		181	
.820	9.806 436	9	9.921 041	15	0.078 959	9.885 395	6	.180	
821	9.806 445		9.921 057		0.078 943	9.885 389		179	
822	9.806 454		9.921 072		0.078 928	9.885 383		178	
823	9.806 464		9.921 087		0.078 913	9.885 376		177	
824	9.806 473		9.921 103		0.078 897	9.885 370		176	
825	9.806 482		9.921 118		0.078 882	9.885 364		175	
826	9.806 491		9.921 134		0.078 866	9.885 357		174	
827	9.806 500		9.921 149		0.078 851	9.885 351		173	
828	9.806 509		9.921 164		0.078 836	9.885 345		172	
829	9.806 518		9.921 180		0.078 820	9.885 338		171	
.830	9.806 527	9	9.921 195	15	0.078 805	9.885 332	6	.170	
831	9.806 536		9.921 211		0.078 789	9.885 326		169	
832	9.806 545		9.921 226		0.078 774	9.885 319		168	
833	9.806 554		9.921 241		0.078 759	9.885 313		167	
834	9.806 564		9.921 257		0.078 743	9.885 307		166	
835	9.806 573		9.921 272		0.078 728	9.885 300		165	
836	9.806 582		9.921 288		0.078 712	9.885 294		164	
837	9.806 591		9.921 303		0.078 697	9.885 288		163	
838	9.806 600		9.921 319		0.078 681	9.885 281		162	
839	9.806 609		9.921 334		0.078 666	9.885 275		161	
.840	9.806 618	9	9.921 349	15	0.078 651	9.885 269	6	.160	
841	9.806 627		9.921 365		0.078 635	9.885 262		159	
842	9.806 636		9.921 380		0.078 620	9.885 256		158	
843	9.806 645		9.921 396		0.078 604	9.885 250		157	
844	9.806 654		9.921 411		0.078 589	9.885 243		156	
845	9.806 663		9.921 426		0.078 574	9.885 237		155	
846	9.806 673		9.921 442		0.078 558	9.885 231		154	
847	9.806 682		9.921 457		0.078 543	9.885 224		153	
848	9.806 691		9.921 473		0.078 527	9.885 218		152	
849	9.806 700		9.921 488		0.078 512	9.885 212		151	
.850	9.806 709	9	9.921 503	15	0.078 497	9.885 205	7	.150	
	cos		cotg		tang	sin		50°	

50°.200 — 50°.150

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.850 — 39°.900

39°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.806 709		9.921 503		0.078 497	9.885 205		.150	
851	9.806 718	9	9.921 519	16	0.078 481	9.885 199	6	149	
852	9.806 727	9	9.921 534	15	0.078 466	9.885 193	6	148	
853	9.806 736	9	9.921 550	16	0.078 450	9.885 186	7	147	
							6		
854	9.806 745	9	9.921 565	15	0.078 435	9.885 180	6	146	
855	9.806 754	9	9.921 580	15	0.078 420	9.885 174	6	145	
856	9.806 763	9	9.921 596	16	0.078 404	9.885 168	6	144	
							7		
857	9.806 772	10	9.921 611	15	0.078 389	9.885 161	6	143	
858	9.806 782	9	9.921 627	16	0.078 373	9.885 155	6	142	
859	9.806 791	9	9.921 642	15	0.078 358	9.885 149	6	141	
.860	9.806 800	9	9.921 657	15	0.078 343	9.885 142	7	.140	
							6		
861	9.806 809	9	9.921 673	16	0.078 327	9.885 136	6	139	
862	9.806 818	9	9.921 688	15	0.078 312	9.885 130	6	138	
863	9.806 827	9	9.921 704	16	0.078 296	9.885 123	7	137	
							6		
864	9.806 836	9	9.921 719	15	0.078 281	9.885 117	6	136	
865	9.806 845	9	9.921 735	16	0.078 265	9.885 111	6	135	
866	9.806 854	9	9.921 750	15	0.078 250	9.885 104	7	134	
							6		
867	9.806 863	9	9.921 765	15	0.078 235	9.885 098	6	133	
868	9.806 872	9	9.921 781	16	0.078 219	9.885 092	6	132	
869	9.806 881	9	9.921 796	15	0.078 204	9.885 085	7	131	
							6		
.870	9.806 890	10	9.921 812	15	0.078 188	9.885 079	6	.130	
							7		
871	9.806 900	9	9.921 827	15	0.078 173	9.885 073	6	129	
872	9.806 909	9	9.921 842	16	0.078 158	9.885 066	6	128	
873	9.806 918	9	9.921 858	15	0.078 142	9.885 060	6	127	
							6		
874	9.806 927	9	9.921 873	16	0.078 127	9.885 054	7	126	
875	9.806 936	9	9.921 889	15	0.078 111	9.885 047	6	125	
876	9.806 945	9	9.921 904	15	0.078 096	9.885 041	6	124	
							6		
877	9.806 954	9	9.921 919	16	0.078 081	9.885 035	7	123	
878	9.806 963	9	9.921 935	15	0.078 065	9.885 028	6	122	
879	9.806 972	9	9.921 950	15	0.078 050	9.885 022	6	121	
							6		
.880	9.806 981	9	9.921 966	15	0.078 034	9.885 016	7	.120	
							6		
881	9.806 990	9	9.921 981	15	0.078 019	9.885 009	6	119	
882	9.806 999	9	9.921 996	16	0.078 004	9.885 003	6	118	
883	9.807 008	9	9.922 012	15	0.077 988	9.884 997	7	117	
							6		
884	9.807 017	10	9.922 027	16	0.077 973	9.884 990	6	116	
885	9.807 027	9	9.922 043	15	0.077 957	9.884 984	6	115	
886	9.807 036	9	9.922 058	15	0.077 942	9.884 978	6	114	
							7		
887	9.807 045	9	9.922 073	16	0.077 927	9.884 971	6	113	
888	9.807 054	9	9.922 089	15	0.077 911	9.884 965	6	112	
889	9.807 063	9	9.922 104	15	0.077 896	9.884 959	6	111	
							7		
.890	9.807 072	9	9.922 120	15	0.077 880	9.884 952	6	.110	
							6		
891	9.807 081	9	9.922 135	15	0.077 865	9.884 946	6	109	
892	9.807 090	9	9.922 150	16	0.077 850	9.884 940	6	108	
893	9.807 099	9	9.922 166	16	0.077 834	9.884 933	7	107	
							6		
894	9.807 108	9	9.922 181	15	0.077 819	9.884 927	6	106	
895	9.807 117	9	9.922 197	16	0.077 803	9.884 921	6	105	
896	9.807 126	9	9.922 212	15	0.077 788	9.884 914	7	104	
							6		
897	9.807 135	9	9.922 227	15	0.077 773	9.884 908	6	103	
898	9.807 144	9	9.922 243	16	0.077 757	9.884 902	6	102	
899	9.807 153	9	9.922 258	15	0.077 742	9.884 895	7	101	
							6		
.900	9.807 163	10	9.922 274	16	0.077 726	9.884 889	6	.100	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.150 — 50°.100

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.900 — 39°.950

39°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.807 163		9.922 274		0.077 726	9.884 889		.100	
901	9.807 172	9	9.922 289	15	0.077 711	9.884 883	6	099	
902	9.807 181	9	9.922 304	15	0.077 696	9.884 876	7	098	
903	9.807 190	9	9.922 320	16	0.077 680	9.884 870	6	097	
904	9.807 199	9	9.922 335	15	0.077 665	9.884 864	6	096	
905	9.807 208	9	9.922 351	16	0.077 649	9.884 857	7	095	
906	9.807 217	9	9.922 366	15	0.077 634	9.884 851	6	094	
907	9.807 226	9	9.922 382	16	0.077 618	9.884 844	7	093	
908	9.807 235	9	9.922 397	15	0.077 603	9.884 838	6	092	
909	9.807 244	9	9.922 412	15	0.077 588	9.884 832	6	091	
.910	9.807 253		9.922 428		0.077 572	9.884 825		.090	
911	9.807 262	9	9.922 443	15	0.077 557	9.884 819	6	089	
912	9.807 271	9	9.922 459	16	0.077 541	9.884 813	6	088	
913	9.807 280	9	9.922 474	15	0.077 526	9.884 806	7	087	
914	9.807 289	9	9.922 489	15	0.077 511	9.884 800	6	086	
915	9.807 299	10	9.922 505	16	0.077 495	9.884 794	6	085	
916	9.807 308	9	9.922 520	15	0.077 480	9.884 787	7	084	
917	9.807 317	9	9.922 536	16	0.077 464	9.884 781	6	083	
918	9.807 326	9	9.922 551	15	0.077 449	9.884 775	6	082	
919	9.807 335	9	9.922 566	15	0.077 434	9.884 768	7	081	
.920	9.807 344		9.922 582		0.077 418	9.884 762		.080	
921	9.807 353	9	9.922 597	15	0.077 403	9.884 756	6	079	
922	9.807 362	9	9.922 613	16	0.077 387	9.884 749	7	078	
923	9.807 371	9	9.922 628	15	0.077 372	9.884 743	6	077	
924	9.807 380	9	9.922 643	15	0.077 357	9.884 737	6	076	
925	9.807 389	9	9.922 659	16	0.077 341	9.884 730	7	075	
926	9.807 398	9	9.922 674	15	0.077 326	9.884 724	6	074	
927	9.807 407	9	9.922 690	16	0.077 310	9.884 718	6	073	
928	9.807 416	9	9.922 705	15	0.077 295	9.884 711	7	072	
929	9.807 425	9	9.922 720	15	0.077 280	9.884 705	6	071	
.930	9.807 434		9.922 736		0.077 264	9.884 699		.070	
931	9.807 443	9	9.922 751	15	0.077 249	9.884 692	7	069	
932	9.807 452	9	9.922 767	16	0.077 233	9.884 686	6	068	
933	9.807 462	10	9.922 782	15	0.077 218	9.884 680	6	067	
934	9.807 471	9	9.922 797	15	0.077 203	9.884 673	7	066	
935	9.807 480	9	9.922 813	16	0.077 187	9.884 667	6	065	
936	9.807 489	9	9.922 828	15	0.077 172	9.884 661	6	064	
937	9.807 498	9	9.922 844	16	0.077 156	9.884 654	7	063	
938	9.807 507	9	9.922 859	15	0.077 141	9.884 648	6	062	
939	9.807 516	9	9.922 874	15	0.077 126	9.884 642	6	061	
.940	9.807 525		9.922 890		0.077 110	9.884 635		.060	
941	9.807 534	9	9.922 905	15	0.077 095	9.884 629	6	059	
942	9.807 543	9	9.922 921	16	0.077 079	9.884 622	7	058	
943	9.807 552	9	9.922 936	15	0.077 064	9.884 616	6	057	
944	9.807 561	9	9.922 951	15	0.077 049	9.884 610	6	056	
945	9.807 570	9	9.922 967	16	0.077 033	9.884 603	7	055	
946	9.807 579	9	9.922 982	15	0.077 018	9.884 597	6	054	
947	9.807 588	9	9.922 998	16	0.077 002	9.884 591	6	053	
948	9.807 597	9	9.923 013	15	0.076 987	9.884 584	7	052	
949	9.807 606	9	9.923 028	15	0.076 972	9.884 578	6	051	
.950	9.807 615		9.923 044		0.076 956	9.884 572		.050	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

50°.100 — 50°.050

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

39°.950 — 40°.000

39°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.807 615		9.923 044		0.076 956	9.884 572		.050	
951	9.807 624	9	9.923 059	15	0.076 941	9.884 565	7	049	
952	9.807 634	10	9.923 075	16	0.076 925	9.884 559	6	048	
953	9.807 643	9	9.923 090	15	0.076 910	9.884 553	6	047	
954	9.807 652	9	9.923 105	15	0.076 895	9.884 546	7	046	
955	9.807 661	9	9.923 121	16	0.076 879	9.884 540	6	045	
956	9.807 670	9	9.923 136	15	0.076 864	9.884 534	6	044	
957	9.807 679	9	9.923 152	16	0.076 848	9.884 527	7	043	
958	9.807 688	9	9.923 167	15	0.076 833	9.884 521	6	042	
959	9.807 697	9	9.923 182	15	0.076 818	9.884 515	6	041	
.960	9.807 706		9.923 198		0.076 802	9.884 508		.040	
961	9.807 715	9	9.923 213	15	0.076 787	9.884 502	6	039	
962	9.807 724	9	9.923 229	16	0.076 771	9.884 495	7	038	
963	9.807 733	9	9.923 244	15	0.076 756	9.884 489	6	037	
964	9.807 742	9	9.923 259	15	0.076 741	9.884 483	6	036	
965	9.807 751	9	9.923 275	16	0.076 725	9.884 476	7	035	
966	9.807 760	9	9.923 290	15	0.076 710	9.884 470	6	034	
967	9.807 769	9	9.923 305	15	0.076 695	9.884 464	6	033	
968	9.807 778	9	9.923 321	16	0.076 679	9.884 457	7	032	
969	9.807 787	9	9.923 336	15	0.076 664	9.884 451	6	031	
.970	9.807 796		9.923 352		0.076 648	9.884 445		.030	
971	9.807 805	9	9.923 367	15	0.076 633	9.884 438	7	029	
972	9.807 814	9	9.923 382	15	0.076 618	9.884 432	6	028	
973	9.807 823	9	9.923 398	16	0.076 602	9.884 426	6	027	
974	9.807 833	10	9.923 413	15	0.076 587	9.884 419	7	026	
975	9.807 842	9	9.923 429	16	0.076 571	9.884 413	6	025	
976	9.807 851	9	9.923 444	15	0.076 556	9.884 407	6	024	
977	9.807 860	9	9.923 459	15	0.076 541	9.884 400	7	023	
978	9.807 869	9	9.923 475	16	0.076 525	9.884 394	6	022	
979	9.807 878	9	9.923 490	15	0.076 510	9.884 387	7	021	
.980	9.807 887		9.923 506		0.076 494	9.884 381		.020	
981	9.807 896	9	9.923 521	15	0.076 479	9.884 375	6	019	
982	9.807 905	9	9.923 536	15	0.076 464	9.884 368	7	018	
983	9.807 914	9	9.923 552	16	0.076 448	9.884 362	6	017	
984	9.807 923	9	9.923 567	15	0.076 433	9.884 356	6	016	
985	9.807 932	9	9.923 583	16	0.076 417	9.884 349	7	015	
986	9.807 941	9	9.923 598	15	0.076 402	9.884 343	6	014	
987	9.807 950	9	9.923 613	15	0.076 387	9.884 337	6	013	
988	9.807 959	9	9.923 629	16	0.076 371	9.884 330	7	012	
989	9.807 968	9	9.923 644	15	0.076 356	9.884 324	6	011	
.990	9.807 977		9.923 660		0.076 340	9.884 318		.010	
991	9.807 986	9	9.923 675	15	0.076 325	9.884 311	6	009	
992	9.807 995	9	9.923 690	15	0.076 310	9.884 305	7	008	
993	9.808 004	9	9.923 706	16	0.076 294	9.884 298	6	007	
994	9.808 013	9	9.923 721	15	0.076 279	9.884 292	6	006	
995	9.808 022	9	9.923 737	15	0.076 263	9.884 286	6	005	
996	9.808 031	9	9.923 752	15	0.076 248	9.884 279	7	004	
997	9.808 040	9	9.923 767	15	0.076 233	9.884 273	6	003	
998	9.808 049	9	9.923 783	16	0.076 217	9.884 267	6	002	
999	9.808 058	9	9.923 798	15	0.076 202	9.884 260	7	001	
*.000	9.808 067		9.923 814		0.076 186	9.884 254		.000	
	cos	d	cotg	d	tang	sin	d	50°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	10	9
1	1.0	0.9
2	2.0	1.8
3	3.0	2.7
4	4.0	3.6
5	5.0	4.5
6	6.0	5.4
7	7.0	6.3
8	8.0	7.2
9	9.0	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.000 — 40°.050

40°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.808 067	10	9.923 814	15	0.076 186	9.884 254	6	*.000	
001	9.808 077		9.923 829		0.076 171	9.884 248		999	
002	9.808 086		9.923 844		0.076 156	9.884 241		998	
003	9.808 095		9.923 860		0.076 140	9.884 235		997	
004	9.808 104		9.923 875		0.076 125	9.884 229		996	
005	9.808 113		9.923 890		0.076 110	9.884 222		995	
006	9.808 122		9.923 906		0.076 094	9.884 216		994	
007	9.808 131		9.923 921		0.076 079	9.884 209		993	
008	9.808 140		9.923 937		0.076 063	9.884 203		992	
009	9.808 149	9.923 952	0.076 048	9.884 197	991				
.010	9.808 158	9	9.923 967	15	0.076 033	9.884 190	7	.990	
011	9.808 167	9	9.923 983	16	0.076 017	9.884 184	6	989	
012	9.808 176	9	9.923 998	15	0.076 002	9.884 178	6	988	
013	9.808 185	9	9.924 014	16	0.075 986	9.884 171	7	987	
014	9.808 194	9	9.924 029	15	0.075 971	9.884 165	6	986	
015	9.808 203	9	9.924 044	15	0.075 956	9.884 159	6	985	
016	9.808 212	9	9.924 060	16	0.075 940	9.884 152	7	984	
017	9.808 221	9	9.924 075	15	0.075 925	9.884 146	6	983	
018	9.808 230	9	9.924 091	16	0.075 909	9.884 139	7	982	
019	9.808 239	9	9.924 106	15	0.075 894	9.884 133	6	981	
.020	9.808 248	9	9.924 121	15	0.075 879	9.884 127	6	.980	
021	9.808 257	9	9.924 137	16	0.075 863	9.884 120	7	979	
022	9.808 266	9	9.924 152	15	0.075 848	9.884 114	6	978	
023	9.808 275	9	9.924 168	16	0.075 832	9.884 108	6	977	
024	9.808 284	9	9.924 183	15	0.075 817	9.884 101	7	976	
025	9.808 293	9	9.924 198	15	0.075 802	9.884 095	6	975	
026	9.808 302	9	9.924 214	16	0.075 786	9.884 089	6	974	
027	9.808 311	9	9.924 229	15	0.075 771	9.884 082	7	973	
028	9.808 320	9	9.924 245	16	0.075 755	9.884 076	6	972	
029	9.808 329	9	9.924 260	15	0.075 740	9.884 069	7	971	
.030	9.808 338	9	9.924 275	15	0.075 725	9.884 063	6	.970	
031	9.808 347	9	9.924 291	16	0.075 709	9.884 057	6	969	
032	9.808 356	9	9.924 306	15	0.075 694	9.884 050	7	968	
033	9.808 365	9	9.924 321	15	0.075 679	9.884 044	6	967	
034	9.808 374	9	9.924 337	16	0.075 663	9.884 038	6	966	
035	9.808 383	9	9.924 352	15	0.075 648	9.884 031	7	965	
036	9.808 392	9	9.924 368	16	0.075 632	9.884 025	6	964	
037	9.808 402	10	9.924 383	15	0.075 617	9.884 018	7	963	
038	9.808 411	9	9.924 398	15	0.075 602	9.884 012	6	962	
039	9.808 420	9	9.924 414	16	0.075 586	9.884 006	6	961	
.040	9.808 429	9	9.924 429	15	0.075 571	9.883 999	7	.960	
041	9.808 438	9	9.924 445	16	0.075 555	9.883 993	6	959	
042	9.808 447	9	9.924 460	15	0.075 540	9.883 987	6	958	
043	9.808 456	9	9.924 475	15	0.075 525	9.883 980	7	957	
044	9.808 465	9	9.924 491	16	0.075 509	9.883 974	6	956	
045	9.808 474	9	9.924 506	15	0.075 494	9.883 968	6	955	
046	9.808 483	9	9.924 522	16	0.075 478	9.883 961	7	954	
047	9.808 492	9	9.924 537	15	0.075 463	9.883 955	6	953	
048	9.808 501	9	9.924 552	15	0.075 448	9.883 948	7	952	
049	9.808 510	9	9.924 568	16	0.075 432	9.883 942	6	951	
.050	9.808 519	9	9.924 583	15	0.075 417	9.883 936	6	.950	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

50°.000 — 49°.950

40°.050 — 40°.100

40°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.808 519		9.924 583		0.075 417	9.883 936		.950	
051	9.808 528	9	9.924 598	15	0.075 402	9.883 929	7	949	
052	9.808 537	9	9.924 614	16	0.075 386	9.883 923	6	948	
053	9.808 546	9	9.924 629	15	0.075 371	9.883 917	6	947	
				16			7		
054	9.808 555	9	9.924 645	15	0.075 355	9.883 910	6	946	
055	9.808 564	9	9.924 660	15	0.075 340	9.883 904	7	945	
056	9.808 573	9	9.924 675	15	0.075 325	9.883 897	6	944	
				16			6		
057	9.808 582	9	9.924 691	15	0.075 309	9.883 891	6	943	
058	9.808 591	9	9.924 706	15	0.075 294	9.883 885	7	942	
059	9.808 600	9	9.924 722	16	0.075 278	9.883 878	6	941	
				15			6		
.060	9.808 609		9.924 737		0.075 263	9.883 872		.940	
		9		15			6		
061	9.808 618	9	9.924 752	16	0.075 248	9.883 866	7	939	
062	9.808 627	9	9.924 768	15	0.075 232	9.883 859	6	938	
063	9.808 636	9	9.924 783	16	0.075 217	9.883 853	7	937	
				15			6		
064	9.808 645	9	9.924 799	16	0.075 201	9.883 846	7	936	
065	9.808 654	9	9.924 814	15	0.075 186	9.883 840	6	935	
066	9.808 663	9	9.924 829	15	0.075 171	9.883 834	6	934	
				16			7		
067	9.808 672	9	9.924 845	15	0.075 155	9.883 827	6	933	
068	9.808 681	9	9.924 860	15	0.075 140	9.883 821	6	932	
069	9.808 690	9	9.924 875	15	0.075 125	9.883 815	6	931	
				16			7		
.070	9.808 699		9.924 891		0.075 109	9.883 808		.930	
		9		15			6		
071	9.808 708	9	9.924 906	16	0.075 094	9.883 802	7	929	
072	9.808 717	9	9.924 922	15	0.075 078	9.883 795	6	928	
073	9.808 726	9	9.924 937	15	0.075 063	9.883 789	6	927	
				15			6		
074	9.808 735	9	9.924 952	16	0.075 048	9.883 783	7	926	
075	9.808 744	9	9.924 968	15	0.075 032	9.883 776	6	925	
076	9.808 753	9	9.924 983	15	0.075 017	9.883 770	6	924	
				16			6		
077	9.808 762	9	9.924 999	15	0.075 001	9.883 764	7	923	
078	9.808 771	9	9.925 014	15	0.074 986	9.883 757	6	922	
079	9.808 780	9	9.925 029	15	0.074 971	9.883 751	6	921	
				16			7		
.080	9.808 789		9.925 045		0.074 955	9.883 744		.920	
		9		15			6		
081	9.808 798	9	9.925 060	15	0.074 940	9.883 738	6	919	
082	9.808 807	9	9.925 075	16	0.074 925	9.883 732	7	918	
083	9.808 816	9	9.925 091	15	0.074 909	9.883 725	6	917	
				15			6		
084	9.808 825	9	9.925 106	16	0.074 894	9.883 719	6	916	
085	9.808 834	9	9.925 122	15	0.074 878	9.883 713	7	915	
086	9.808 843	9	9.925 137	15	0.074 863	9.883 706	6	914	
				15			6		
087	9.808 852	9	9.925 152	16	0.074 848	9.883 700	7	913	
088	9.808 861	9	9.925 168	15	0.074 832	9.883 693	6	912	
089	9.808 870	9	9.925 183	15	0.074 817	9.883 687	6	911	
				16			6		
.090	9.808 879		9.925 199		0.074 801	9.883 681		.910	
		9		15			7		
091	9.808 888	9	9.925 214	15	0.074 786	9.883 674	6	909	
092	9.808 897	9	9.925 229	16	0.074 771	9.883 668	6	908	
093	9.808 906	9	9.925 245	16	0.074 755	9.883 661	7	907	
				15			6		
094	9.808 915	9	9.925 260	15	0.074 740	9.883 655	6	906	
095	9.808 924	9	9.925 275	15	0.074 725	9.883 649	6	905	
096	9.808 933	9	9.925 291	16	0.074 709	9.883 642	7	904	
				15			6		
097	9.808 942	9	9.925 306	16	0.074 694	9.883 636	6	903	
098	9.808 951	9	9.925 322	16	0.074 678	9.883 630	6	902	
099	9.808 960	9	9.925 337	15	0.074 663	9.883 623	7	901	
				15			6		
.100	9.808 969		9.925 352		0.074 648	9.883 617		.900	
		9							
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

40°.100 — 40°.150

40°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.808 969		9.925 352		0.074 648	9.883 617		.900	
101	9.808 978	9	9.925 368	16	0.074 632	9.883 610	7	899	
102	9.808 987	9	9.925 383	15	0.074 617	9.883 604	6	898	
103	9.808 996	9	9.925 399	16	0.074 601	9.883 598	6	897	
104	9.809 005	9	9.925 414	15	0.074 586	9.883 591	7	896	
105	9.809 014	9	9.925 429	15	0.074 571	9.883 585	6	895	
106	9.809 023	9	9.925 445	16	0.074 555	9.883 579	6	894	
107	9.809 032	9	9.925 460	15	0.074 540	9.883 572	7	893	
108	9.809 041	9	9.925 475	15	0.074 525	9.883 566	6	892	
109	9.809 050	9	9.925 491	16	0.074 509	9.883 559	7	891	
.110	9.809 059		9.925 506		0.074 494	9.883 553		.890	
111	9.809 068	9	9.925 522	15	0.074 478	9.883 547	6	889	
112	9.809 077	9	9.925 537	15	0.074 463	9.883 540	7	888	
113	9.809 086	9	9.925 552	15	0.074 448	9.883 534	6	887	
114	9.809 095	9	9.925 568	16	0.074 432	9.883 527	7	886	
115	9.809 104	9	9.925 583	15	0.074 417	9.883 521	6	885	
116	9.809 113	9	9.925 599	16	0.074 401	9.883 515	6	884	
117	9.809 122	9	9.925 614	15	0.074 386	9.883 508	7	883	
118	9.809 131	9	9.925 629	15	0.074 371	9.883 502	6	882	
119	9.809 140	9	9.925 645	16	0.074 355	9.883 495	7	881	
.120	9.809 149		9.925 660		0.074 340	9.883 489		.880	
121	9.809 158	9	9.925 675	15	0.074 325	9.883 483	6	879	
122	9.809 167	9	9.925 691	16	0.074 309	9.883 476	7	878	
123	9.809 176	9	9.925 706	15	0.074 294	9.883 470	6	877	
124	9.809 185	9	9.925 722	16	0.074 278	9.883 464	6	876	
125	9.809 194	9	9.925 737	15	0.074 263	9.883 457	7	875	
126	9.809 203	9	9.925 752	15	0.074 248	9.883 451	6	874	
127	9.809 212	9	9.925 768	16	0.074 232	9.883 444	7	873	
128	9.809 221	9	9.925 783	15	0.074 217	9.883 438	6	872	
129	9.809 230	9	9.925 799	16	0.074 201	9.883 432	6	871	
.130	9.809 239		9.925 814		0.074 186	9.883 425		.870	
131	9.809 248	9	9.925 829	15	0.074 171	9.883 419	7	869	
132	9.809 257	9	9.925 845	16	0.074 155	9.883 412	6	868	
133	9.809 266	9	9.925 860	15	0.074 140	9.883 406	6	867	
134	9.809 275	9	9.925 875	15	0.074 125	9.883 400	6	866	
135	9.809 284	9	9.925 891	16	0.074 109	9.883 393	7	865	
136	9.809 293	9	9.925 906	15	0.074 094	9.883 387	6	864	
137	9.809 302	9	9.925 922	16	0.074 078	9.883 380	7	863	
138	9.809 311	9	9.925 937	15	0.074 063	9.883 374	6	862	
139	9.809 320	9	9.925 952	15	0.074 048	9.883 368	6	861	
.140	9.809 329		9.925 968		0.074 032	9.883 361		.860	
141	9.809 338	9	9.925 983	15	0.074 017	9.883 355	7	859	
142	9.809 347	9	9.925 998	15	0.074 002	9.883 349	6	858	
143	9.809 356	9	9.926 014	16	0.073 986	9.883 342	7	857	
144	9.809 365	9	9.926 029	15	0.073 971	9.883 336	6	856	
145	9.809 374	9	9.926 045	16	0.073 955	9.883 329	7	855	
146	9.809 383	9	9.926 060	15	0.073 940	9.883 323	6	854	
147	9.809 392	9	9.926 075	15	0.073 925	9.883 317	6	853	
148	9.809 401	9	9.926 091	16	0.073 909	9.883 310	7	852	
149	9.809 410	9	9.926 106	15	0.073 894	9.883 304	6	851	
.150	9.809 419		9.926 122		0.073 878	9.883 297		.850	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9
1	0.9
2	1.8
3	2.7
4	3.6
5	4.5
6	5.4
7	6.3
8	7.2
9	8.1

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.900 — 49°.850

40°.150 — 40°.200

40°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.809 419		9.926 122		0.073 878	9.883 297		.850	
151	9.809 428	9	9.926 137	15	0.073 863	9.883 291	6	849	
152	9.809 437	9	9.926 152	15	0.073 848	9.883 285	6	848	
153	9.809 446	9	9.926 168	16	0.073 832	9.883 278	7	847	
		9		15			6		
154	9.809 455	9	9.926 183	15	0.073 817	9.883 272	7	846	
155	9.809 464	9	9.926 198	15	0.073 802	9.883 265	6	845	
156	9.809 473	9	9.926 214	16	0.073 786	9.883 259	6	844	
		9		15			6		
157	9.809 482	9	9.926 229	16	0.073 771	9.883 253	7	843	
158	9.809 491	9	9.926 245	16	0.073 755	9.883 246	6	842	
159	9.809 500	9	9.926 260	15	0.073 740	9.883 240	6	841	
		9		15			7		
.160	9.809 509		9.926 275		0.073 725	9.883 233		.840	
		9		16			6		
161	9.809 518	9	9.926 291	15	0.073 709	9.883 227	6	839	
162	9.809 527	9	9.926 306	15	0.073 694	9.883 221	6	838	
163	9.809 536	9	9.926 321	15	0.073 679	9.883 214	7	837	
		9		16			6		
164	9.809 545	9	9.926 337	15	0.073 663	9.883 208	6	836	
165	9.809 554	9	9.926 352	15	0.073 648	9.883 201	7	835	
166	9.809 563	9	9.926 368	16	0.073 632	9.883 195	6	834	
		9		15			6		
167	9.809 572	9	9.926 383	15	0.073 617	9.883 189	6	833	
168	9.809 581	9	9.926 398	15	0.073 602	9.883 182	7	832	
169	9.809 590	9	9.926 414	16	0.073 586	9.883 176	6	831	
		9		15			7		
.170	9.809 599		9.926 429		0.073 571	9.883 169		.830	
		9		15			6		
171	9.809 608	9	9.926 444	15	0.073 556	9.883 163	6	829	
172	9.809 617	9	9.926 460	16	0.073 540	9.883 157	6	828	
173	9.809 625	8	9.926 475	15	0.073 525	9.883 150	7	827	
		9		16			6		
174	9.809 634	9	9.926 491	15	0.073 509	9.883 144	7	826	
175	9.809 643	9	9.926 506	15	0.073 494	9.883 137	6	825	
176	9.809 652	9	9.926 521	15	0.073 479	9.883 131	6	824	
		9		16			6		
177	9.809 661	9	9.926 537	15	0.073 463	9.883 125	6	823	
178	9.809 670	9	9.926 552	15	0.073 448	9.883 118	7	822	
179	9.809 679	9	9.926 567	15	0.073 433	9.883 112	6	821	
		9		16			7		
.180	9.809 688		9.926 583		0.073 417	9.883 105		.820	
		9		15			6		
181	9.809 697	9	9.926 598	15	0.073 402	9.883 099	6	819	
182	9.809 706	9	9.926 614	16	0.073 386	9.883 093	6	818	
183	9.809 715	9	9.926 629	15	0.073 371	9.883 086	7	817	
		9		15			6		
184	9.809 724	9	9.926 644	15	0.073 356	9.883 080	6	816	
185	9.809 733	9	9.926 660	16	0.073 340	9.883 073	7	815	
186	9.809 742	9	9.926 675	15	0.073 325	9.883 067	6	814	
		9		15			6		
187	9.809 751	9	9.926 690	15	0.073 310	9.883 061	6	813	
188	9.809 760	9	9.926 706	16	0.073 294	9.883 054	7	812	
189	9.809 769	9	9.926 721	15	0.073 279	9.883 048	6	811	
		9		16			7		
.190	9.809 778		9.926 737		0.073 263	9.883 041		.810	
		9		15			6		
191	9.809 787	9	9.926 752	15	0.073 248	9.883 035	6	809	
192	9.809 796	9	9.926 767	15	0.073 233	9.883 029	6	808	
193	9.809 805	9	9.926 783	16	0.073 217	9.883 022	7	807	
		9		15			6		
194	9.809 814	9	9.926 798	15	0.073 202	9.883 016	6	806	
195	9.809 823	9	9.926 814	16	0.073 186	9.883 009	7	805	
196	9.809 832	9	9.926 829	15	0.073 171	9.883 003	6	804	
		9		15			6		
197	9.809 841	9	9.926 844	15	0.073 156	9.882 997	6	803	
198	9.809 850	9	9.926 860	16	0.073 140	9.882 990	7	802	
199	9.809 859	9	9.926 875	15	0.073 125	9.882 984	6	801	
		9		15			7		
.200	9.809 868		9.926 890		0.073 110	9.882 977		.800	
		9		15			7		
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.200 — 40°.250

40°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.809 868		9.926 890		0.073 110	9.882 977		.800	
201	9.809 877	9	9.926 906	16	0.073 094	9.882 971	6	799	
202	9.809 886	9	9.926 921	15	0.073 079	9.882 965	6	798	
203	9.809 895	9	9.926 937	16	0.073 063	9.882 958	7	797	
		9		15			6		
204	9.809 904	9	9.926 952	15	0.073 048	9.882 952	7	796	
205	9.809 913	9	9.926 967	15	0.073 033	9.882 945	6	795	
206	9.809 922	9	9.926 983	16	0.073 017	9.882 939	6	794	
		9		15			6		
207	9.809 931	9	9.926 998	15	0.073 002	9.882 933	7	793	
208	9.809 940	8	9.927 013	15	0.072 987	9.882 926	6	792	
209	9.809 948		9.927 029	16	0.072 971	9.882 920	6	791	
.210	9.809 957	9	9.927 044	15	0.072 956	9.882 913	7	.790	
		9		16			6		
211	9.809 966		9.927 060		0.072 940	9.882 907		789	
212	9.809 975	9	9.927 075	15	0.072 925	9.882 901	6	788	
213	9.809 984	9	9.927 090	15	0.072 910	9.882 894	7	787	
		9		16			6		
214	9.809 993	9	9.927 106		0.072 894	9.882 888		786	
215	9.810 002	9	9.927 121	15	0.072 879	9.882 881	7	785	
216	9.810 011	9	9.927 136	15	0.072 864	9.882 875	6	784	
		9		16			7		
217	9.810 020		9.927 152		0.072 848	9.882 868		783	
218	9.810 029	9	9.927 167	15	0.072 833	9.882 862	6	782	
219	9.810 038	9	9.927 182	15	0.072 818	9.882 856	6	781	
		9		16			7		
.220	9.810 047		9.927 198		0.072 802	9.882 849		.780	
		9		15			6		
221	9.810 056		9.927 213		0.072 787	9.882 843		779	
222	9.810 065	9	9.927 229	16	0.072 771	9.882 836	7	778	
223	9.810 074	9	9.927 244	15	0.072 756	9.882 830	6	777	
		9		15			6		
224	9.810 083	9	9.927 259	16	0.072 741	9.882 824	7	776	
225	9.810 092	9	9.927 275	16	0.072 725	9.882 817	7	775	
226	9.810 101	9	9.927 290	15	0.072 710	9.882 811	6	774	
		9		15			7		
227	9.810 110		9.927 305		0.072 695	9.882 804		773	
228	9.810 119	9	9.927 321	16	0.072 679	9.882 798	6	772	
229	9.810 128	9	9.927 336	15	0.072 664	9.882 792	6	771	
		9		16			7		
.230	9.810 137		9.927 352		0.072 648	9.882 785		.770	
		9		15			6		
231	9.810 146		9.927 367		0.072 633	9.882 779		769	
232	9.810 155	9	9.927 382	15	0.072 618	9.882 772	7	768	
233	9.810 164	9	9.927 398	16	0.072 602	9.882 766	6	767	
		9		15			7		
234	9.810 173	9	9.927 413	15	0.072 587	9.882 759	6	766	
235	9.810 182	8	9.927 428	16	0.072 572	9.882 753	6	765	
236	9.810 190		9.927 444		0.072 556	9.882 747		764	
		9		15			7		
237	9.810 199	9	9.927 459	16	0.072 541	9.882 740	6	763	
238	9.810 208	9	9.927 475	15	0.072 525	9.882 734	7	762	
239	9.810 217		9.927 490		0.072 510	9.882 727		761	
		9		15			6		
.240	9.810 226		9.927 505		0.072 495	9.882 721		.760	
		9		16			6		
241	9.810 235		9.927 521		0.072 479	9.882 715		759	
242	9.810 244	9	9.927 536	15	0.072 464	9.882 708	7	758	
243	9.810 253	9	9.927 551	15	0.072 449	9.882 702	6	757	
		9		16			7		
244	9.810 262	9	9.927 567		0.072 433	9.882 695		756	
245	9.810 271	9	9.927 582	15	0.072 418	9.882 689	6	755	
246	9.810 280	9	9.927 598	16	0.072 402	9.882 683	6	754	
		9		15			7		
247	9.810 289		9.927 613		0.072 387	9.882 676		753	
248	9.810 298	9	9.927 628	15	0.072 372	9.882 670	6	752	
249	9.810 307	9	9.927 644	16	0.072 356	9.882 663	7	751	
		9		15			6		
.250	9.810 316		9.927 659		0.072 341	9.882 657		.750	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.800 — 49°.750

40°.250 — 40°.300

40°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.810 316		9.927 659		0.072 341	9.882 657		.750	
251	9.810 325	9	9.927 674	15	0.072 326	9.882 650	7	749	
252	9.810 334	9	9.927 690	16	0.072 310	9.882 644	6	748	
253	9.810 343	9	9.927 705	15	0.072 295	9.882 638	6	747	
				16			7		
254	9.810 352	9	9.927 721	15	0.072 279	9.882 631	6	746	
255	9.810 361	9	9.927 736	15	0.072 264	9.882 625	7	745	
256	9.810 370	9	9.927 751	15	0.072 249	9.882 618	6	744	
				16			6		
257	9.810 379	8	9.927 767	15	0.072 233	9.882 612	7	743	
258	9.810 387	9	9.927 782	15	0.072 218	9.882 605	6	742	
259	9.810 396	9	9.927 797	15	0.072 203	9.882 599	6	741	
				16			6		
.260	9.810 405		9.927 813		0.072 187	9.882 593		.740	
		9		15			7		
261	9.810 414	9	9.927 828	15	0.072 172	9.882 586	6	739	
262	9.810 423	9	9.927 843	15	0.072 157	9.882 580	6	738	
263	9.810 432	9	9.927 859	16	0.072 141	9.882 573	7	737	
				15			6		
264	9.810 441	9	9.927 874	15	0.072 126	9.882 567	6	736	
265	9.810 450	9	9.927 890	16	0.072 110	9.882 561	6	735	
266	9.810 459	9	9.927 905	15	0.072 095	9.882 554	7	734	
				15			6		
267	9.810 468	9	9.927 920	15	0.072 080	9.882 548	7	733	
268	9.810 477	9	9.927 936	16	0.072 064	9.882 541	6	732	
269	9.810 486	9	9.927 951	15	0.072 049	9.882 535	6	731	
				15			7		
.270	9.810 495		9.927 966		0.072 034	9.882 528		.730	
		9		16			6		
271	9.810 504	9	9.927 982	15	0.072 018	9.882 522	6	729	
272	9.810 513	9	9.927 997	16	0.072 003	9.882 516	7	728	
273	9.810 522	9	9.928 013	16	0.071 987	9.882 509	6	727	
				15			6		
274	9.810 531	9	9.928 028	15	0.071 972	9.882 503	7	726	
275	9.810 540	9	9.928 043	15	0.071 957	9.882 496	6	725	
276	9.810 549	9	9.928 059	16	0.071 941	9.882 490	6	724	
		8		15			6		
277	9.810 557	9	9.928 074	15	0.071 926	9.882 484	7	723	
278	9.810 566	9	9.928 089	15	0.071 911	9.882 477	6	722	
279	9.810 575	9	9.928 105	16	0.071 895	9.882 471	6	721	
				15			7		
.280	9.810 584		9.928 120		0.071 880	9.882 464		.720	
		9		15			6		
281	9.810 593	9	9.928 135	16	0.071 865	9.882 458	7	719	
282	9.810 602	9	9.928 151	15	0.071 849	9.882 451	6	718	
283	9.810 611	9	9.928 166	15	0.071 834	9.882 445	6	717	
				16			6		
284	9.810 620	9	9.928 182	15	0.071 818	9.882 439	7	716	
285	9.810 629	9	9.928 197	15	0.071 803	9.882 432	6	715	
286	9.810 638	9	9.928 212	15	0.071 788	9.882 426	6	714	
				16			7		
287	9.810 647	9	9.928 228	15	0.071 772	9.882 419	6	713	
288	9.810 656	9	9.928 243	15	0.071 757	9.882 413	7	712	
289	9.810 665	9	9.928 258	15	0.071 742	9.882 406	6	711	
				16			6		
.290	9.810 674		9.928 274		0.071 726	9.882 400		.710	
		9		15			6		
291	9.810 683	9	9.928 289	15	0.071 711	9.882 394	6	709	
292	9.810 692	9	9.928 305	16	0.071 695	9.882 387	7	708	
293	9.810 701	9	9.928 320	15	0.071 680	9.882 381	6	707	
				15			7		
294	9.810 710	9	9.928 335	15	0.071 665	9.882 374	6	706	
295	9.810 718	8	9.928 351	16	0.071 649	9.882 368	6	705	
296	9.810 727	9	9.928 366	15	0.071 634	9.882 361	7	704	
				15			6		
297	9.810 736	9	9.928 381	15	0.071 619	9.882 355	6	703	
298	9.810 745	9	9.928 397	16	0.071 603	9.882 349	6	702	
299	9.810 754	9	9.928 412	15	0.071 588	9.882 342	7	701	
				15			6		
.300	9.810 763		9.928 427		0.071 573	9.882 336		.700	
		9		15			6		
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.750 — 49°.700

40°.300 — 40°.350

40°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.810 763		9.928 427		0.071 573	9.882 336		.700	
301	9.810 772	9	9.928 443	16	0.071 557	9.882 329	7	699	
302	9.810 781	9	9.928 458	15	0.071 542	9.882 323	6	698	
303	9.810 790	9	9.928 474	16	0.071 526	9.882 316	7	697	
		9		15			6		
304	9.810 799	9	9.928 489	15	0.071 511	9.882 310	6	696	
305	9.810 808	9	9.928 504	16	0.071 496	9.882 304	7	695	
306	9.810 817	9	9.928 520	16	0.071 480	9.882 297	6	694	
		9		15			7		
307	9.810 826	9	9.928 535	15	0.071 465	9.882 291	6	693	
308	9.810 835	9	9.928 550	16	0.071 450	9.882 284	7	692	
309	9.810 844	9	9.928 566	16	0.071 434	9.882 278	6	691	
		9		15			7		
.310	9.810 853	8	9.928 581	15	0.071 419	9.882 271	6	.690	
311	9.810 861	9	9.928 596	16	0.071 404	9.882 265	6	689	
312	9.810 870	9	9.928 612	15	0.071 388	9.882 259	7	688	
313	9.810 879	9	9.928 627	16	0.071 373	9.882 252	6	687	
		9		15			7		
314	9.810 888	9	9.928 643	15	0.071 357	9.882 246	6	686	
315	9.810 897	9	9.928 658	15	0.071 342	9.882 239	7	685	
316	9.810 906	9	9.928 673	16	0.071 327	9.882 233	6	684	
		9		15			7		
317	9.810 915	9	9.928 689	15	0.071 311	9.882 226	6	683	
318	9.810 924	9	9.928 704	15	0.071 296	9.882 220	7	682	
319	9.810 933	9	9.928 719	16	0.071 281	9.882 214	6	681	
		9		15			7		
.320	9.810 942	9	9.928 735	15	0.071 265	9.882 207	6	.680	
321	9.810 951	9	9.928 750	15	0.071 250	9.882 201	7	679	
322	9.810 960	9	9.928 765	16	0.071 235	9.882 194	6	678	
323	9.810 969	9	9.928 781	15	0.071 219	9.882 188	7	677	
		9		16			6		
324	9.810 978	8	9.928 796	16	0.071 204	9.882 181	7	676	
325	9.810 986	9	9.928 812	15	0.071 188	9.882 175	6	675	
326	9.810 995	9	9.928 827	15	0.071 173	9.882 169	7	674	
		9		15			6		
327	9.811 004	9	9.928 842	16	0.071 158	9.882 162	7	673	
328	9.811 013	9	9.928 858	16	0.071 142	9.882 156	6	672	
329	9.811 022	9	9.928 873	15	0.071 127	9.882 149	7	671	
		9		15			6		
.330	9.811 031	9	9.928 888	16	0.071 112	9.882 143	7	.670	
331	9.811 040	9	9.928 904	15	0.071 096	9.882 136	6	669	
332	9.811 049	9	9.928 919	15	0.071 081	9.882 130	7	668	
333	9.811 058	9	9.928 934	16	0.071 066	9.882 123	6	667	
		9		15			7		
334	9.811 067	9	9.928 950	15	0.071 050	9.882 117	6	666	
335	9.811 076	9	9.928 965	16	0.071 035	9.882 111	7	665	
336	9.811 085	9	9.928 981	15	0.071 019	9.882 104	6	664	
		9		15			7		
337	9.811 094	9	9.928 996	15	0.071 004	9.882 098	6	663	
338	9.811 103	8	9.929 011	16	0.070 989	9.882 091	7	662	
339	9.811 111	9	9.929 027	16	0.070 973	9.882 085	6	661	
		9		15			7		
.340	9.811 120	9	9.929 042	15	0.070 958	9.882 078	6	.660	
341	9.811 129	9	9.929 057	16	0.070 943	9.882 072	7	659	
342	9.811 138	9	9.929 073	15	0.070 927	9.882 066	6	658	
343	9.811 147	9	9.929 088	15	0.070 912	9.882 059	7	657	
		9		15			6		
344	9.811 156	9	9.929 103	16	0.070 897	9.882 053	7	656	
345	9.811 165	9	9.929 119	16	0.070 881	9.882 046	6	655	
346	9.811 174	9	9.929 134	15	0.070 866	9.882 040	7	654	
		9		16			6		
347	9.811 183	9	9.929 150	15	0.070 850	9.882 033	7	653	
348	9.811 192	9	9.929 165	15	0.070 835	9.882 027	6	652	
349	9.811 201	9	9.929 180	15	0.070 820	9.882 020	7	651	
		9		16			6		
.350	9.811 210		9.929 196		0.070 804	9.882 014		.650	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.700 — 49°.650

40°.350 — 40°.400

40°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.811 210		9.929 196		0.070 804	9.882 014		.650	
351	9.811 219	9	9.929 211	15	0.070 789	9.882 008	6	649	
352	9.811 227	8	9.929 226	15	0.070 774	9.882 001	7	648	
353	9.811 236	9	9.929 242	16	0.070 758	9.881 995	6	647	
354	9.811 245	9	9.929 257	15	0.070 743	9.881 988	7	646	
355	9.811 254	9	9.929 272	15	0.070 728	9.881 982	6	645	
356	9.811 263	9	9.929 288	16	0.070 712	9.881 975	7	644	
357	9.811 272	9	9.929 303	15	0.070 697	9.881 969	6	643	
358	9.811 281	9	9.929 319	16	0.070 681	9.881 962	7	642	
359	9.811 290	9	9.929 334	15	0.070 666	9.881 956	6	641	
.360	9.811 299		9.929 349		0.070 651	9.881 950		.640	
361	9.811 308	9	9.929 365	16	0.070 635	9.881 943	7	639	
362	9.811 317	9	9.929 380	15	0.070 620	9.881 937	6	638	
363	9.811 326	9	9.929 395	15	0.070 605	9.881 930	7	637	
364	9.811 335	9	9.929 411	16	0.070 589	9.881 924	6	636	
365	9.811 343	8	9.929 426	15	0.070 574	9.881 917	7	635	
366	9.811 352	9	9.929 441	15	0.070 559	9.881 911	6	634	
367	9.811 361	9	9.929 457	16	0.070 543	9.881 905	6	633	
368	9.811 370	9	9.929 472	15	0.070 528	9.881 898	7	632	
369	9.811 379	9	9.929 487	15	0.070 513	9.881 892	6	631	
.370	9.811 388		9.929 503		0.070 497	9.881 885		.630	
371	9.811 397	9	9.929 518	15	0.070 482	9.881 879	7	629	
372	9.811 406	9	9.929 534	16	0.070 466	9.881 872	6	628	
373	9.811 415	9	9.929 549	15	0.070 451	9.881 866	7	627	
374	9.811 424	9	9.929 564	15	0.070 436	9.881 859	6	626	
375	9.811 433	9	9.929 580	16	0.070 420	9.881 853	7	625	
376	9.811 442	9	9.929 595	15	0.070 405	9.881 847	6	624	
377	9.811 450	8	9.929 610	15	0.070 390	9.881 840	7	623	
378	9.811 459	9	9.929 626	16	0.070 374	9.881 834	6	622	
379	9.811 468	9	9.929 641	15	0.070 359	9.881 827	7	621	
.380	9.811 477		9.929 656		0.070 344	9.881 821		.620	
381	9.811 486	9	9.929 672	16	0.070 328	9.881 814	7	619	
382	9.811 495	9	9.929 687	15	0.070 313	9.881 808	6	618	
383	9.811 504	9	9.929 703	16	0.070 297	9.881 801	7	617	
384	9.811 513	9	9.929 718	15	0.070 282	9.881 795	6	616	
385	9.811 522	9	9.929 733	15	0.070 267	9.881 788	7	615	
386	9.811 531	9	9.929 749	16	0.070 251	9.881 782	6	614	
387	9.811 540	9	9.929 764	15	0.070 236	9.881 776	6	613	
388	9.811 548	8	9.929 779	15	0.070 221	9.881 769	7	612	
389	9.811 557	9	9.929 795	16	0.070 205	9.881 763	6	611	
.390	9.811 566		9.929 810		0.070 190	9.881 756		.610	
391	9.811 575	9	9.929 825	15	0.070 175	9.881 750	7	609	
392	9.811 584	9	9.929 841	16	0.070 159	9.881 743	6	608	
393	9.811 593	9	9.929 856	15	0.070 144	9.881 737	7	607	
394	9.811 602	9	9.929 871	15	0.070 129	9.881 730	6	606	
395	9.811 611	9	9.929 887	16	0.070 113	9.881 724	7	605	
396	9.811 620	9	9.929 902	15	0.070 098	9.881 718	6	604	
397	9.811 629	9	9.929 918	16	0.070 082	9.881 711	7	603	
398	9.811 638	9	9.929 933	15	0.070 067	9.881 705	6	602	
399	9.811 646	8	9.929 948	15	0.070 052	9.881 698	7	601	
.400	9.811 655		9.929 964		0.070 036	9.881 692		.600	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.650 — 49°.600

40°.400 — 40°.450

40°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.811 655		9.929 964		0.070 036	9.881 692		.600	
401	9.811 664	9	9.929 979	15	0.070 021	9.881 685	7	599	
402	9.811 673	9	9.929 994	15	0.070 006	9.881 679	6	598	
403	9.811 682	9	9.930 010	16	0.069 990	9.881 672	7	597	
							6		
404	9.811 691	9	9.930 025	15	0.069 975	9.881 666	7	596	
405	9.811 700	9	9.930 040	15	0.069 960	9.881 659	6	595	
406	9.811 709	9	9.930 056	16	0.069 944	9.881 653	7	594	
							6		
407	9.811 718	9	9.930 071	15	0.069 929	9.881 647	7	593	
408	9.811 727	9	9.930 086	15	0.069 914	9.881 640	6	592	
409	9.811 736	9	9.930 102	16	0.069 898	9.881 634	7	591	
							6		
.410	9.811 744	8	9.930 117	15	0.069 883	9.881 627	7	.590	
							6		
411	9.811 753	9	9.930 133	16	0.069 867	9.881 621	7	589	
412	9.811 762	9	9.930 148	15	0.069 852	9.881 614	6	588	
413	9.811 771	9	9.930 163	15	0.069 837	9.881 608	7	587	
							6		
414	9.811 780	9	9.930 179	16	0.069 821	9.881 601	7	586	
415	9.811 789	9	9.930 194	15	0.069 806	9.881 595	6	585	
416	9.811 798	9	9.930 209	15	0.069 791	9.881 589	7	584	
							6		
417	9.811 807	9	9.930 225	16	0.069 775	9.881 582	7	583	
418	9.811 816	9	9.930 240	15	0.069 760	9.881 576	6	582	
419	9.811 825	9	9.930 255	15	0.069 745	9.881 569	7	581	
							6		
.420	9.811 833	8	9.930 271	16	0.069 729	9.881 563	7	.580	
							6		
421	9.811 842	9	9.930 286	15	0.069 714	9.881 556	7	579	
422	9.811 851	9	9.930 301	15	0.069 699	9.881 550	6	578	
423	9.811 860	9	9.930 317	16	0.069 683	9.881 543	7	577	
							6		
424	9.811 869	9	9.930 332	15	0.069 668	9.881 537	7	576	
425	9.811 878	9	9.930 348	16	0.069 652	9.881 530	6	575	
426	9.811 887	9	9.930 363	15	0.069 637	9.881 524	7	574	
							6		
427	9.811 896	9	9.930 378	15	0.069 622	9.881 517	7	573	
428	9.811 905	9	9.930 394	16	0.069 606	9.881 511	6	572	
429	9.811 914	9	9.930 409	15	0.069 591	9.881 505	7	571	
							6		
.430	9.811 922	8	9.930 424	15	0.069 576	9.881 498	7	.570	
							6		
431	9.811 931	9	9.930 440	16	0.069 560	9.881 492	7	569	
432	9.811 940	9	9.930 455	15	0.069 545	9.881 485	6	568	
433	9.811 949	9	9.930 470	15	0.069 530	9.881 479	7	567	
							6		
434	9.811 958	9	9.930 486	16	0.069 514	9.881 472	7	566	
435	9.811 967	9	9.930 501	15	0.069 499	9.881 466	6	565	
436	9.811 976	9	9.930 516	15	0.069 484	9.881 459	7	564	
							6		
437	9.811 985	9	9.930 532	16	0.069 468	9.881 453	7	563	
438	9.811 994	9	9.930 547	15	0.069 453	9.881 446	6	562	
439	9.812 002	8	9.930 562	15	0.069 438	9.881 440	7	561	
							6		
.440	9.812 011	9	9.930 578	16	0.069 422	9.881 434	7	.560	
							6		
441	9.812 020	9	9.930 593	15	0.069 407	9.881 427	7	559	
442	9.812 029	9	9.930 609	16	0.069 391	9.881 421	6	558	
443	9.812 038	9	9.930 624	15	0.069 376	9.881 414	7	557	
							6		
444	9.812 047	9	9.930 639	15	0.069 361	9.881 408	7	556	
445	9.812 056	9	9.930 655	16	0.069 345	9.881 401	6	555	
446	9.812 065	9	9.930 670	15	0.069 330	9.881 395	7	554	
							6		
447	9.812 074	9	9.930 685	15	0.069 315	9.881 388	7	553	
448	9.812 082	8	9.930 701	16	0.069 299	9.881 382	6	552	
449	9.812 091	9	9.930 716	15	0.069 284	9.881 375	7	551	
							6		
.450	9.812 100	9	9.930 731	15	0.069 269	9.881 369	7	.550	
							6		
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.600 — 49°.550

40°.450 — 40°.500

40°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.812 100		9.930 731		0.069 269	9.881 369		.550	
451	9.812 109	9	9.930 747	16	0.069 253	9.881 362	7	549	
452	9.812 118	9	9.930 762	15	0.069 238	9.881 356	6	548	
453	9.812 127	9	9.930 777	15	0.069 223	9.881 350	6	547	
		9		16			7		
454	9.812 136	9	9.930 793	15	0.069 207	9.881 343	6	546	
455	9.812 145	9	9.930 808	15	0.069 192	9.881 337	7	545	
456	9.812 154	9	9.930 823	15	0.069 177	9.881 330	6	544	
		9		16			6		
457	9.812 163	8	9.930 839	15	0.069 161	9.881 324	7	543	
458	9.812 171	9	9.930 854	16	0.069 146	9.881 317	6	542	
459	9.812 180	9	9.930 870	15	0.069 130	9.881 311	7	541	
		9		15			6		
.460	9.812 189		9.930 885		0.069 115	9.881 304		.540	
		9		15			6		
461	9.812 198	9	9.930 900	16	0.069 100	9.881 298	7	539	
462	9.812 207	9	9.930 916	15	0.069 084	9.881 291	6	538	
463	9.812 216	9	9.930 931	15	0.069 069	9.881 285	7	537	
		9		15			6		
464	9.812 225	9	9.930 946	16	0.069 054	9.881 278	7	536	
465	9.812 234	9	9.930 962	16	0.069 038	9.881 272	6	535	
466	9.812 242	8	9.930 977	15	0.069 023	9.881 265	7	534	
		9		15			6		
467	9.812 251	9	9.930 992	16	0.069 008	9.881 259	6	533	
468	9.812 260	9	9.931 008	16	0.068 992	9.881 253	7	532	
469	9.812 269	9	9.931 023	15	0.068 977	9.881 246	6	531	
		9		15			6		
.470	9.812 278		9.931 038		0.068 962	9.881 240		.530	
		9		16			7		
471	9.812 287	9	9.931 054	15	0.068 946	9.881 233	6	529	
472	9.812 296	9	9.931 069	15	0.068 931	9.881 227	7	528	
473	9.812 305	9	9.931 084	16	0.068 916	9.881 220	6	527	
		9		16			6		
474	9.812 314	8	9.931 100	15	0.068 900	9.881 214	7	526	
475	9.812 322	9	9.931 115	16	0.068 885	9.881 207	6	525	
476	9.812 331	9	9.931 131	16	0.068 869	9.881 201	7	524	
		9		15			6		
477	9.812 340	9	9.931 146	15	0.068 854	9.881 194	7	523	
478	9.812 349	9	9.931 161	16	0.068 839	9.881 188	6	522	
479	9.812 358	9	9.931 177	16	0.068 823	9.881 181	7	521	
		9		15			6		
.480	9.812 367		9.931 192		0.068 808	9.881 175		.520	
		9		15			7		
481	9.812 376	9	9.931 207	16	0.068 793	9.881 168	6	519	
482	9.812 385	8	9.931 223	15	0.068 777	9.881 162	6	518	
483	9.812 393	9	9.931 238	15	0.068 762	9.881 156	7	517	
		9		15			6		
484	9.812 402	9	9.931 253	16	0.068 747	9.881 149	7	516	
485	9.812 411	9	9.931 269	15	0.068 731	9.881 143	6	515	
486	9.812 420	9	9.931 284	15	0.068 716	9.881 136	7	514	
		9		15			6		
487	9.812 429	9	9.931 299	16	0.068 701	9.881 130	7	513	
488	9.812 438	9	9.931 315	15	0.068 685	9.881 123	6	512	
489	9.812 447	9	9.931 330	15	0.068 670	9.881 117	7	511	
		9		15			6		
.490	9.812 456		9.931 345		0.068 655	9.881 110		.510	
		9		16			6		
491	9.812 465	8	9.931 361	15	0.068 639	9.881 104	7	509	
492	9.812 473	9	9.931 376	15	0.068 624	9.881 097	6	508	
493	9.812 482	9	9.931 391	16	0.068 609	9.881 091	7	507	
		9		16			6		
494	9.812 491	9	9.931 407	15	0.068 593	9.881 084	7	506	
495	9.812 500	9	9.931 422	16	0.068 578	9.881 078	6	505	
496	9.812 509	9	9.931 438	16	0.068 562	9.881 071	7	504	
		9		15			6		
497	9.812 518	9	9.931 453	15	0.068 547	9.881 065	7	503	
498	9.812 527	9	9.931 468	16	0.068 532	9.881 058	6	502	
499	9.812 536	8	9.931 484	15	0.068 516	9.881 052	7	501	
		8		15			6		
.500	9.812 544		9.931 499		0.068 501	9.881 046		.500	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.550 — 49°.500

40°.500 — 40°.550

40°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.812 544		9.931 499		0.068 501	9.881 046		.500	
501	9.812 553	9	9.931 514	15	0.068 486	9.881 039	7	499	
502	9.812 562	9	9.931 530	16	0.068 470	9.881 033	6	498	
503	9.812 571	9	9.931 545	15	0.068 455	9.881 026	7	497	
504	9.812 580	9	9.931 560	15	0.068 440	9.881 020	6	496	
505	9.812 589	9	9.931 576	16	0.068 424	9.881 013	7	495	
506	9.812 598	9	9.931 591	15	0.068 409	9.881 007	6	494	
507	9.812 607	9	9.931 606	15	0.068 394	9.881 000	7	493	
508	9.812 615	8	9.931 622	16	0.068 378	9.880 994	6	492	
509	9.812 624	9	9.931 637	15	0.068 363	9.880 987	7	491	
.510	9.812 633	9	9.931 652	15	0.068 348	9.880 981	6	.490	
511	9.812 642	9	9.931 668	16	0.068 332	9.880 974	7	489	
512	9.812 651	9	9.931 683	15	0.068 317	9.880 968	6	488	
513	9.812 660	9	9.931 698	15	0.068 302	9.880 961	7	487	
514	9.812 669	9	9.931 714	16	0.068 286	9.880 955	6	486	
515	9.812 678	9	9.931 729	15	0.068 271	9.880 948	7	485	
516	9.812 686	8	9.931 744	15	0.068 256	9.880 942	6	484	
517	9.812 695	9	9.931 760	16	0.068 240	9.880 935	7	483	
518	9.812 704	9	9.931 775	15	0.068 225	9.880 929	6	482	
519	9.812 713	9	9.931 791	16	0.068 209	9.880 922	7	481	
.520	9.812 722	9	9.931 806	15	0.068 194	9.880 916	6	.480	
521	9.812 731	9	9.931 821	15	0.068 179	9.880 910	6	479	
522	9.812 740	9	9.931 837	16	0.068 163	9.880 903	7	478	
523	9.812 748	8	9.931 852	15	0.068 148	9.880 897	6	477	
524	9.812 757	9	9.931 867	15	0.068 133	9.880 890	7	476	
525	9.812 766	9	9.931 883	16	0.068 117	9.880 884	6	475	
526	9.812 775	9	9.931 898	15	0.068 102	9.880 877	7	474	
527	9.812 784	9	9.931 913	15	0.068 087	9.880 871	6	473	
528	9.812 793	9	9.931 929	16	0.068 071	9.880 864	7	472	
529	9.812 802	9	9.931 944	15	0.068 056	9.880 858	6	471	
.530	9.812 811	9	9.931 959	15	0.068 041	9.880 851	7	.470	
531	9.812 819	8	9.931 975	16	0.068 025	9.880 845	6	469	
532	9.812 828	9	9.931 990	15	0.068 010	9.880 838	7	468	
533	9.812 837	9	9.932 005	15	0.067 995	9.880 832	6	467	
534	9.812 846	9	9.932 021	16	0.067 979	9.880 825	7	466	
535	9.812 855	9	9.932 036	15	0.067 964	9.880 819	6	465	
536	9.812 864	9	9.932 051	15	0.067 949	9.880 812	7	464	
537	9.812 873	9	9.932 067	16	0.067 933	9.880 806	6	463	
538	9.812 881	8	9.932 082	15	0.067 918	9.880 799	7	462	
539	9.812 890	9	9.932 097	15	0.067 903	9.880 793	6	461	
.540	9.812 899	9	9.932 113	16	0.067 887	9.880 786	7	.460	
541	9.812 908	9	9.932 128	15	0.067 872	9.880 780	6	459	
542	9.812 917	9	9.932 143	15	0.067 857	9.880 773	7	458	
543	9.812 926	9	9.932 159	16	0.067 841	9.880 767	6	457	
544	9.812 935	9	9.932 174	15	0.067 826	9.880 760	7	456	
545	9.812 943	8	9.932 190	16	0.067 810	9.880 754	6	455	
546	9.812 952	9	9.932 205	15	0.067 795	9.880 747	7	454	
547	9.812 961	9	9.932 220	15	0.067 780	9.880 741	6	453	
548	9.812 970	9	9.932 236	16	0.067 764	9.880 735	7	452	
549	9.812 979	9	9.932 251	15	0.067 749	9.880 728	6	451	
.550	9.812 988	9	9.932 266	15	0.067 734	9.880 722	7	.450	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.500 — 49°.450

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.550 — 40°.600

40°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.812 988		9.932 266		0.067 734	9.880 722		.450	
551	9.812 997	9	9.932 282	16	0.067 718	9.880 715	7	449	
552	9.813 005	8	9.932 297	15	0.067 703	9.880 709	6	448	
553	9.813 014	9	9.932 312	15	0.067 688	9.880 702	7	447	
				16			6		
554	9.813 023	9	9.932 328	15	0.067 672	9.880 696	7	446	
555	9.813 032	9	9.932 343	15	0.067 657	9.880 689	6	445	
556	9.813 041	9	9.932 358	15	0.067 642	9.880 683	7	444	
				16			6		
557	9.813 050	9	9.932 374	15	0.067 626	9.880 676	7	443	
558	9.813 059	8	9.932 389	15	0.067 611	9.880 670	6	442	
559	9.813 067	9	9.932 404	15	0.067 596	9.880 663	7	441	
				16			6		
.560	9.813 076	9	9.932 420	15	0.067 580	9.880 657	7	.440	
		9		15			6		
561	9.813 085	9	9.932 435	15	0.067 565	9.880 650	7	439	
562	9.813 094	9	9.932 450	15	0.067 550	9.880 644	6	438	
563	9.813 103	9	9.932 466	16	0.067 534	9.880 637	7	437	
				15			6		
564	9.813 112	9	9.932 481	15	0.067 519	9.880 631	7	436	
565	9.813 121	9	9.932 496	15	0.067 504	9.880 624	6	435	
566	9.813 129	8	9.932 512	16	0.067 488	9.880 618	7	434	
				15			6		
567	9.813 138	9	9.932 527	15	0.067 473	9.880 611	7	433	
568	9.813 147	9	9.932 542	15	0.067 458	9.880 605	6	432	
569	9.813 156	9	9.932 558	16	0.067 442	9.880 598	7	431	
				15			6		
.570	9.813 165	9	9.932 573	15	0.067 427	9.880 592	7	.430	
		9		15			6		
571	9.813 174	9	9.932 588	16	0.067 412	9.880 585	7	429	
572	9.813 183	8	9.932 604	15	0.067 396	9.880 579	6	428	
573	9.813 191	9	9.932 619	15	0.067 381	9.880 572	7	427	
				15			6		
574	9.813 200	9	9.932 634	16	0.067 366	9.880 566	7	426	
575	9.813 209	9	9.932 650	15	0.067 350	9.880 559	6	425	
576	9.813 218	9	9.932 665	15	0.067 335	9.880 553	7	424	
				16			6		
577	9.813 227	9	9.932 681	15	0.067 319	9.880 546	7	423	
578	9.813 236	9	9.932 696	15	0.067 304	9.880 540	6	422	
579	9.813 245	9	9.932 711	15	0.067 289	9.880 533	7	421	
		8		16			6		
.580	9.813 253	9	9.932 727	15	0.067 273	9.880 527	7	.420	
		9		15			6		
581	9.813 262	9	9.932 742	15	0.067 258	9.880 520	7	419	
582	9.813 271	9	9.932 757	16	0.067 243	9.880 514	6	418	
583	9.813 280	9	9.932 773	15	0.067 227	9.880 507	7	417	
				15			6		
584	9.813 289	9	9.932 788	15	0.067 212	9.880 501	7	416	
585	9.813 298	8	9.932 803	16	0.067 197	9.880 494	6	415	
586	9.813 306	9	9.932 819	15	0.067 181	9.880 488	7	414	
				15			6		
587	9.813 315	9	9.932 834	15	0.067 166	9.880 481	7	413	
588	9.813 324	9	9.932 849	16	0.067 151	9.880 475	6	412	
589	9.813 333	9	9.932 865	15	0.067 135	9.880 468	7	411	
				15			6		
.590	9.813 342	9	9.932 880	15	0.067 120	9.880 462	7	.410	
		9		15			6		
591	9.813 351	9	9.932 895	16	0.067 105	9.880 455	7	409	
592	9.813 360	8	9.932 911	15	0.067 089	9.880 449	6	408	
593	9.813 368	9	9.932 926	15	0.067 074	9.880 442	7	407	
				15			6		
594	9.813 377	9	9.932 941	16	0.067 059	9.880 436	7	406	
595	9.813 386	9	9.932 957	15	0.067 043	9.880 429	6	405	
596	9.813 395	9	9.932 972	15	0.067 028	9.880 423	7	404	
				15			6		
597	9.813 404	9	9.932 987	16	0.067 013	9.880 416	7	403	
598	9.813 413	9	9.933 003	15	0.066 997	9.880 410	6	402	
599	9.813 421	8	9.933 018	15	0.066 982	9.880 403	7	401	
				15			6		
.600	9.813 430	9	9.933 033	15	0.066 967	9.880 397	7	.400	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.600 — 40°.650

40°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.813 430		9.933 033		0.066 967	9.880 397		.400	
601	9.813 439	9	9.933 049	16	0.066 951	9.880 390	7	399	
602	9.813 448	9	9.933 064	15	0.066 936	9.880 384	6	398	
603	9.813 457	9	9.933 079	15	0.066 921	9.880 377	7	397	
604	9.813 466	9	9.933 095	16	0.066 905	9.880 371	6	396	
605	9.813 475	9	9.933 110	15	0.066 890	9.880 365	6	395	
606	9.813 483	8	9.933 125	15	0.066 875	9.880 358	7	394	
607	9.813 492	9	9.933 141	16	0.066 859	9.880 352	6	393	
608	9.813 501	9	9.933 156	15	0.066 844	9.880 345	7	392	
609	9.813 510	9	9.933 171	15	0.066 829	9.880 339	6	391	
.610	9.813 519	9	9.933 187	16	0.066 813	9.880 332	7	.390	
611	9.813 528	9	9.933 202	15	0.066 798	9.880 326	6	389	
612	9.813 536	8	9.933 217	15	0.066 783	9.880 319	7	388	
613	9.813 545	9	9.933 233	16	0.066 767	9.880 313	6	387	
614	9.813 554	9	9.933 248	15	0.066 752	9.880 306	7	386	
615	9.813 563	9	9.933 263	15	0.066 737	9.880 300	6	385	
616	9.813 572	9	9.933 279	16	0.066 721	9.880 293	7	384	
617	9.813 581	9	9.933 294	15	0.066 706	9.880 287	6	383	
618	9.813 589	8	9.933 309	15	0.066 691	9.880 280	7	382	
619	9.813 598	9	9.933 325	16	0.066 675	9.880 274	6	381	
.620	9.813 607	9	9.933 340	15	0.066 660	9.880 267	7	.380	
621	9.813 616	9	9.933 355	15	0.066 645	9.880 261	6	379	
622	9.813 625	9	9.933 371	16	0.066 629	9.880 254	7	378	
623	9.813 634	9	9.933 386	15	0.066 614	9.880 248	6	377	
624	9.813 642	8	9.933 401	15	0.066 599	9.880 241	7	376	
625	9.813 651	9	9.933 417	16	0.066 583	9.880 234	7	375	
626	9.813 660	9	9.933 432	15	0.066 568	9.880 228	6	374	
627	9.813 669	9	9.933 448	16	0.066 552	9.880 221	7	373	
628	9.813 678	9	9.933 463	15	0.066 537	9.880 215	6	372	
629	9.813 687	9	9.933 478	15	0.066 522	9.880 208	7	371	
.630	9.813 696	9	9.933 494	16	0.066 506	9.880 202	6	.370	
631	9.813 704	8	9.933 509	15	0.066 491	9.880 195	7	369	
632	9.813 713	9	9.933 524	15	0.066 476	9.880 189	6	368	
633	9.813 722	9	9.933 540	16	0.066 460	9.880 182	7	367	
634	9.813 731	9	9.933 555	15	0.066 445	9.880 176	6	366	
635	9.813 740	9	9.933 570	15	0.066 430	9.880 169	7	365	
636	9.813 749	9	9.933 586	16	0.066 414	9.880 163	6	364	
637	9.813 757	8	9.933 601	15	0.066 399	9.880 156	7	363	
638	9.813 766	9	9.933 616	15	0.066 384	9.880 150	6	362	
639	9.813 775	9	9.933 632	16	0.066 368	9.880 143	7	361	
.640	9.813 784	9	9.933 647	15	0.066 353	9.880 137	6	.360	
641	9.813 793	9	9.933 662	15	0.066 338	9.880 130	7	359	
642	9.813 801	8	9.933 678	16	0.066 322	9.880 124	6	358	
643	9.813 810	9	9.933 693	15	0.066 307	9.880 117	7	357	
644	9.813 819	9	9.933 708	15	0.066 292	9.880 111	6	356	
645	9.813 828	9	9.933 724	16	0.066 276	9.880 104	7	355	
646	9.813 837	9	9.933 739	15	0.066 261	9.880 098	6	354	
647	9.813 846	9	9.933 754	15	0.066 246	9.880 091	7	353	
648	9.813 854	8	9.933 770	16	0.066 230	9.880 085	6	352	
649	9.813 863	9	9.933 785	15	0.066 215	9.880 078	7	351	
.650	9.813 872	9	9.933 800	15	0.066 200	9.880 072	6	.350	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

49°.400 — 49°.350

40°.650 — 40°.700

40°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.813 872		9.933 800		0.066 200	9.880 072		.350	
651	9.813 881	9	9.933 816	16	0.066 184	9.880 065	7	349	
652	9.813 890	9	9.933 831	15	0.066 169	9.880 059	6	348	
653	9.813 899	9	9.933 846	15	0.066 154	9.880 052	7	347	
		8		16			6		
654	9.813 907		9.933 862		0.066 138	9.880 046		346	
655	9.813 916	9	9.933 877	15	0.066 123	9.880 039	7	345	
656	9.813 925	9	9.933 892	15	0.066 108	9.880 033	6	344	
				16			7		
657	9.813 934	9	9.933 908	15	0.066 092	9.880 026	6	343	
658	9.813 943	9	9.933 923	15	0.066 077	9.880 020	7	342	
659	9.813 952	9	9.933 938	15	0.066 062	9.880 013	7	341	
		8		16			6		
.660	9.813 960		9.933 954		0.066 046	9.880 007		.340	
		9		15			7		
661	9.813 969		9.933 969		0.066 031	9.880 000		339	
662	9.813 978	9	9.933 984	15	0.066 016	9.879 994	6	338	
663	9.813 987	9	9.934 000	16	0.066 000	9.879 987	7	337	
				15			6		
664	9.813 996	9	9.934 015	15	0.065 985	9.879 981		336	
665	9.814 005	9	9.934 030	15	0.065 970	9.879 974	7	335	
666	9.814 013	8	9.934 046	16	0.065 954	9.879 968	6	334	
				15			7		
667	9.814 022	9	9.934 061	15	0.065 939	9.879 961	6	333	
668	9.814 031	9	9.934 076	15	0.065 924	9.879 955	7	332	
669	9.814 040	9	9.934 092	16	0.065 908	9.879 948	7	331	
		9		15			6		
.670	9.814 049		9.934 107		0.065 893	9.879 942		.330	
		8		15			7		
671	9.814 057		9.934 122		0.065 878	9.879 935		329	
672	9.814 066	9	9.934 138	16	0.065 862	9.879 929	6	328	
673	9.814 075	9	9.934 153	15	0.065 847	9.879 922	7	327	
				15			6		
674	9.814 084	9	9.934 168	16	0.065 832	9.879 916		326	
675	9.814 093	9	9.934 184	16	0.065 816	9.879 909	7	325	
676	9.814 102	9	9.934 199	15	0.065 801	9.879 903	6	324	
		8		15			7		
677	9.814 110		9.934 214		0.065 786	9.879 896		323	
678	9.814 119	9	9.934 230	16	0.065 770	9.879 890	6	322	
679	9.814 128	9	9.934 245	15	0.065 755	9.879 883	7	321	
		9		15			6		
.680	9.814 137		9.934 260		0.065 740	9.879 877		.320	
		9		16			7		
681	9.814 146	8	9.934 276	15	0.065 724	9.879 870		319	
682	9.814 154	9	9.934 291	15	0.065 709	9.879 863	6	318	
683	9.814 163	9	9.934 306	16	0.065 694	9.879 857	7	317	
				16			7		
684	9.814 172	9	9.934 322	15	0.065 678	9.879 850	6	316	
685	9.814 181	9	9.934 337	15	0.065 663	9.879 844	7	315	
686	9.814 190	9	9.934 352	16	0.065 648	9.879 837	6	314	
				16			7		
687	9.814 199	9	9.934 368	15	0.065 632	9.879 831		313	
688	9.814 207	8	9.934 383	15	0.065 617	9.879 824	7	312	
689	9.814 216	9	9.934 398	15	0.065 602	9.879 818	6	311	
		9		16			7		
.690	9.814 225		9.934 414		0.065 586	9.879 811		.310	
		9		15			6		
691	9.814 234		9.934 429		0.065 571	9.879 805		309	
692	9.814 243	9	9.934 444	15	0.065 556	9.879 798	7	308	
693	9.814 251	8	9.934 460	16	0.065 540	9.879 792	6	307	
				15			7		
694	9.814 260	9	9.934 475	15	0.065 525	9.879 785		306	
695	9.814 269	9	9.934 490	15	0.065 510	9.879 779	6	305	
696	9.814 278	9	9.934 506	16	0.065 494	9.879 772	7	304	
				15			6		
697	9.814 287	9	9.934 521	15	0.065 479	9.879 766		303	
698	9.814 296	9	9.934 536	15	0.065 464	9.879 759	7	302	
699	9.814 304	8	9.934 552	16	0.065 448	9.879 753	6	301	
		9		15			7		
.700	9.814 313		9.934 567		0.065 433	9.879 746		.300	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

40°.700 — 40°.750

40°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.814 313		9.934 567		0.065 433	9.879 746		.300	
701	9.814 322	9	9.934 582	15	0.065 418	9.879 740	6	299	
702	9.814 331	9	9.934 598	16	0.065 402	9.879 733	7	298	
703	9.814 340	9	9.934 613	15	0.065 387	9.879 727	6	297	
704	9.814 348	8	9.934 628	15	0.065 372	9.879 720	7	296	
705	9.814 357	9	9.934 644	16	0.065 356	9.879 714	6	295	
706	9.814 366	9	9.934 659	15	0.065 341	9.879 707	7	294	
707	9.814 375	9	9.934 674	15	0.065 326	9.879 701	6	293	
708	9.814 384	8	9.934 690	16	0.065 310	9.879 694	7	292	
709	9.814 392	9	9.934 705	15	0.065 295	9.879 687	7	291	
.710	9.814 401	9	9.934 720	15	0.065 280	9.879 681	6	.290	
711	9.814 410	9	9.934 736	16	0.065 264	9.879 674	7	289	
712	9.814 419	9	9.934 751	15	0.065 249	9.879 668	6	288	
713	9.814 428	9	9.934 766	15	0.065 234	9.879 661	7	287	
714	9.814 436	8	9.934 782	16	0.065 218	9.879 655	6	286	
715	9.814 445	9	9.934 797	15	0.065 203	9.879 648	7	285	
716	9.814 454	9	9.934 812	15	0.065 188	9.879 642	6	284	
717	9.814 463	9	9.934 828	16	0.065 172	9.879 635	7	283	
718	9.814 472	9	9.934 843	15	0.065 157	9.879 629	6	282	
719	9.814 481	9	9.934 858	15	0.065 142	9.879 622	7	281	
.720	9.814 489	8	9.934 874	16	0.065 126	9.879 616	6	.280	
721	9.814 498	9	9.934 889	15	0.065 111	9.879 609	7	279	
722	9.814 507	9	9.934 904	15	0.065 096	9.879 603	6	278	
723	9.814 516	9	9.934 920	16	0.065 080	9.879 596	7	277	
724	9.814 525	9	9.934 935	15	0.065 065	9.879 590	6	276	
725	9.814 533	8	9.934 950	15	0.065 050	9.879 583	7	275	
726	9.814 542	9	9.934 966	16	0.065 034	9.879 577	6	274	
727	9.814 551	9	9.934 981	15	0.065 019	9.879 570	7	273	
728	9.814 560	9	9.934 996	15	0.065 004	9.879 564	6	272	
729	9.814 569	9	9.935 012	16	0.064 988	9.879 557	7	271	
.730	9.814 577	8	9.935 027	15	0.064 973	9.879 550	7	.270	
731	9.814 586	9	9.935 042	15	0.064 958	9.879 544	6	269	
732	9.814 595	9	9.935 058	16	0.064 942	9.879 537	7	268	
733	9.814 604	9	9.935 073	15	0.064 927	9.879 531	6	267	
734	9.814 613	9	9.935 088	15	0.064 912	9.879 524	7	266	
735	9.814 621	8	9.935 104	16	0.064 896	9.879 518	6	265	
736	9.814 630	9	9.935 119	15	0.064 881	9.879 511	7	264	
737	9.814 639	9	9.935 134	15	0.064 866	9.879 505	6	263	
738	9.814 648	9	9.935 150	16	0.064 850	9.879 498	7	262	
739	9.814 657	9	9.935 165	15	0.064 835	9.879 492	6	261	
.740	9.814 665	8	9.935 180	15	0.064 820	9.879 485	7	.260	
741	9.814 674	9	9.935 196	16	0.064 804	9.879 479	6	259	
742	9.814 683	9	9.935 211	15	0.064 789	9.879 472	7	258	
743	9.814 692	9	9.935 226	15	0.064 774	9.879 466	6	257	
744	9.814 701	9	9.935 242	16	0.064 758	9.879 459	7	256	
745	9.814 709	8	9.935 257	15	0.064 743	9.879 453	6	255	
746	9.814 718	9	9.935 272	15	0.064 728	9.879 446	7	254	
747	9.814 727	9	9.935 287	15	0.064 713	9.879 439	6	253	
748	9.814 736	9	9.935 303	16	0.064 697	9.879 433	7	252	
749	9.814 745	9	9.935 318	15	0.064 682	9.879 426	6	251	
.750	9.814 753	8	9.935 333	15	0.064 667	9.879 420	7	.250	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.750 — 40°.800

40°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.814 753		9.935 333		0.064 667	9.879 420		.250	
751	9.814 762	9	9.935 349	16	0.064 651	9.879 413	7	249	
752	9.814 771	9	9.935 364	15	0.064 636	9.879 407	6	248	
753	9.814 780	9	9.935 379	15	0.064 621	9.879 400	7	247	
				16			6		
754	9.814 789	9	9.935 395	15	0.064 605	9.879 394	7	246	
755	9.814 797	8	9.935 410	15	0.064 590	9.879 387	6	245	
756	9.814 806	9	9.935 425	15	0.064 575	9.879 381	6	244	
				16			7		
757	9.814 815	9	9.935 441	15	0.064 559	9.879 374	6	243	
758	9.814 824	9	9.935 456	15	0.064 544	9.879 368	7	242	
759	9.814 833	9	9.935 471	15	0.064 529	9.879 361	7	241	
		8		16			6		
.760	9.814 841		9.935 487		0.064 513	9.879 355		.240	
		9		15			7		
761	9.814 850	9	9.935 502	15	0.064 498	9.879 348	6	239	
762	9.814 859	9	9.935 517	15	0.064 483	9.879 342	6	238	
763	9.814 868	9	9.935 533	16	0.064 467	9.879 335	7	237	
		8		15			7		
764	9.814 876	9	9.935 548	15	0.064 452	9.879 328	7	236	
765	9.814 885	9	9.935 563	15	0.064 437	9.879 322	6	235	
766	9.814 894	9	9.935 579	16	0.064 421	9.879 315	7	234	
				15			6		
767	9.814 903	9	9.935 594	15	0.064 406	9.879 309	7	233	
768	9.814 912	9	9.935 609	15	0.064 391	9.879 302	7	232	
769	9.814 920	8	9.935 625	16	0.064 375	9.879 296	6	231	
		9		15			7		
.770	9.814 929		9.935 640		0.064 360	9.879 289		.230	
		9		15			6		
771	9.814 938	9	9.935 655	16	0.064 345	9.879 283	7	229	
772	9.814 947	9	9.935 671	16	0.064 329	9.879 276	7	228	
773	9.814 956	9	9.935 686	15	0.064 314	9.879 270	6	227	
		8		15			7		
774	9.814 964	9	9.935 701	16	0.064 299	9.879 263	6	226	
775	9.814 973	9	9.935 717	16	0.064 283	9.879 257	6	225	
776	9.814 982	9	9.935 732	15	0.064 268	9.879 250	7	224	
				15			7		
777	9.814 991	9	9.935 747	15	0.064 253	9.879 243	6	223	
778	9.815 000	9	9.935 763	16	0.064 237	9.879 237	6	222	
779	9.815 008	8	9.935 778	15	0.064 222	9.879 230	7	221	
		9		15			6		
.780	9.815 017		9.935 793		0.064 207	9.879 224		.220	
		9		16			7		
781	9.815 026	9	9.935 809	15	0.064 191	9.879 217	6	219	
782	9.815 035	8	9.935 824	15	0.064 176	9.879 211	7	218	
783	9.815 043	9	9.935 839	16	0.064 161	9.879 204	6	217	
				16			6		
784	9.815 052	9	9.935 855	15	0.064 145	9.879 198	7	216	
785	9.815 061	9	9.935 870	15	0.064 130	9.879 191	6	215	
786	9.815 070	9	9.935 885	15	0.064 115	9.879 185	6	214	
				16			7		
787	9.815 079	9	9.935 901	16	0.064 099	9.879 178	7	213	
788	9.815 087	8	9.935 916	15	0.064 084	9.879 172	6	212	
789	9.815 096	9	9.935 931	15	0.064 069	9.879 165	7	211	
		9		16			7		
.790	9.815 105		9.935 947		0.064 053	9.879 158		.210	
		9		15			6		
791	9.815 114	9	9.935 962	15	0.064 038	9.879 152	7	209	
792	9.815 123	9	9.935 977	15	0.064 023	9.879 145	7	208	
793	9.815 131	8	9.935 993	16	0.064 007	9.879 139	6	207	
				15			7		
794	9.815 140	9	9.936 008	15	0.063 992	9.879 132	6	206	
795	9.815 149	9	9.936 023	15	0.063 977	9.879 126	7	205	
796	9.815 158	9	9.936 038	15	0.063 962	9.879 119	6	204	
		8		16			6		
797	9.815 166	9	9.936 054	15	0.063 946	9.879 113	7	203	
798	9.815 175	9	9.936 069	15	0.063 931	9.879 106	7	202	
799	9.815 184	9	9.936 084	15	0.063 916	9.879 100	6	201	
				16			7		
.800	9.815 193		9.936 100		0.063 900	9.879 093		.200	
		9							
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.800 — 40°.850

40°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.815 193		9.936 100		0.063 900	9.879 093		.200	
801	9.815 202	9	9.936 115	15	0.063 885	9.879 087	6	199	
802	9.815 210	8	9.936 130	15	0.063 870	9.879 080	7	198	
803	9.815 219	9	9.936 146	16	0.063 854	9.879 073	7	197	
804	9.815 228	9	9.936 161	15	0.063 839	9.879 067	6	196	
805	9.815 237	9	9.936 176	15	0.063 824	9.879 060	7	195	
806	9.815 246	9	9.936 192	16	0.063 808	9.879 054	6	194	
807	9.815 254	8	9.936 207	15	0.063 793	9.879 047	7	193	
808	9.815 263	9	9.936 222	15	0.063 778	9.879 041	6	192	
809	9.815 272	9	9.936 238	16	0.063 762	9.879 034	7	191	
.810	9.815 281	9	9.936 253	15	0.063 747	9.879 028	6	.190	
811	9.815 289	8	9.936 268	15	0.063 732	9.879 021	7	189	
812	9.815 298	9	9.936 284	16	0.063 716	9.879 015	6	188	
813	9.815 307	9	9.936 299	15	0.063 701	9.879 008	7	187	
814	9.815 316	9	9.936 314	15	0.063 686	9.879 001	7	186	
815	9.815 325	9	9.936 330	16	0.063 670	9.878 995	6	185	
816	9.815 333	8	9.936 345	15	0.063 655	9.878 988	7	184	
817	9.815 342	9	9.936 360	15	0.063 640	9.878 982	6	183	
818	9.815 351	9	9.936 376	16	0.063 624	9.878 975	7	182	
819	9.815 360	9	9.936 391	15	0.063 609	9.878 969	6	181	
.820	9.815 368	8	9.936 406	15	0.063 594	9.878 962	7	.180	
821	9.815 377	9	9.936 422	16	0.063 578	9.878 956	6	179	
822	9.815 386	9	9.936 437	15	0.063 563	9.878 949	7	178	
823	9.815 395	9	9.936 452	15	0.063 548	9.878 942	7	177	
824	9.815 403	8	9.936 468	16	0.063 532	9.878 936	6	176	
825	9.815 412	9	9.936 483	15	0.063 517	9.878 929	7	175	
826	9.815 421	9	9.936 498	15	0.063 502	9.878 923	6	174	
827	9.815 430	9	9.936 514	16	0.063 486	9.878 916	7	173	
828	9.815 439	9	9.936 529	15	0.063 471	9.878 910	6	172	
829	9.815 447	8	9.936 544	15	0.063 456	9.878 903	7	171	
.830	9.815 456	9	9.936 559	15	0.063 441	9.878 897	6	.170	
831	9.815 465	9	9.936 575	16	0.063 425	9.878 890	7	169	
832	9.815 474	9	9.936 590	15	0.063 410	9.878 884	6	168	
833	9.815 482	8	9.936 605	15	0.063 395	9.878 877	7	167	
834	9.815 491	9	9.936 621	16	0.063 379	9.878 870	7	166	
835	9.815 500	9	9.936 636	15	0.063 364	9.878 864	6	165	
836	9.815 509	9	9.936 651	15	0.063 349	9.878 857	7	164	
837	9.815 518	9	9.936 667	16	0.063 333	9.878 851	6	163	
838	9.815 526	8	9.936 682	15	0.063 318	9.878 844	7	162	
839	9.815 535	9	9.936 697	15	0.063 303	9.878 838	6	161	
.840	9.815 544	9	9.936 713	16	0.063 287	9.878 831	7	.160	
841	9.815 553	9	9.936 728	15	0.063 272	9.878 825	6	159	
842	9.815 561	8	9.936 743	15	0.063 257	9.878 818	7	158	
843	9.815 570	9	9.936 759	16	0.063 241	9.878 811	7	157	
844	9.815 579	9	9.936 774	15	0.063 226	9.878 805	6	156	
845	9.815 588	9	9.936 789	15	0.063 211	9.878 798	7	155	
846	9.815 596	8	9.936 805	16	0.063 195	9.878 792	6	154	
847	9.815 605	9	9.936 820	15	0.063 180	9.878 785	7	153	
848	9.815 614	9	9.936 835	15	0.063 165	9.878 779	6	152	
849	9.815 623	9	9.936 851	16	0.063 149	9.878 772	7	151	
.850	9.815 632	9	9.936 866	15	0.063 134	9.878 766	6	.150	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

40°.850 — 40°.900

40°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.815 632	8	9.936 866	15	0.063 134	9.878 766	7	.150	
851	9.815 640	9	9.936 881	16	0.063 119	9.878 759	6	149	
852	9.815 649	9	9.936 897	15	0.063 103	9.878 753	7	148	
853	9.815 658	9	9.936 912	15	0.063 088	9.878 746	7	147	
854	9.815 667	9	9.936 927	15	0.063 073	9.878 739	7	146	
855	9.815 675	8	9.936 942	15	0.063 058	9.878 733	6	145	
856	9.815 684	9	9.936 958	16	0.063 042	9.878 726	7	144	
857	9.815 693	9	9.936 973	15	0.063 027	9.878 720	6	143	
858	9.815 702	8	9.936 988	15	0.063 012	9.878 713	7	142	
859	9.815 710	8	9.937 004	16	0.062 996	9.878 707	6	141	
.860	9.815 719	9	9.937 019	15	0.062 981	9.878 700	7	.140	
861	9.815 728	9	9.937 034	15	0.062 966	9.878 694	6	139	
862	9.815 737	9	9.937 050	16	0.062 950	9.878 687	7	138	
863	9.815 745	8	9.937 065	15	0.062 935	9.878 680	7	137	
864	9.815 754	9	9.937 080	15	0.062 920	9.878 674	6	136	
865	9.815 763	9	9.937 096	16	0.062 904	9.878 667	7	135	
866	9.815 772	9	9.937 111	15	0.062 889	9.878 661	6	134	
867	9.815 780	8	9.937 126	15	0.062 874	9.878 654	7	133	
868	9.815 789	9	9.937 142	16	0.062 858	9.878 648	6	132	
869	9.815 798	9	9.937 157	15	0.062 843	9.878 641	7	131	
.870	9.815 807	9	9.937 172	15	0.062 828	9.878 634	7	.130	
871	9.815 816	9	9.937 188	16	0.062 812	9.878 628	6	129	
872	9.815 824	8	9.937 203	15	0.062 797	9.878 621	7	128	
873	9.815 833	9	9.937 218	15	0.062 782	9.878 615	6	127	
874	9.815 842	9	9.937 234	16	0.062 766	9.878 608	7	126	
875	9.815 851	9	9.937 249	15	0.062 751	9.878 602	6	125	
876	9.815 859	8	9.937 264	15	0.062 736	9.878 595	7	124	
877	9.815 868	9	9.937 280	16	0.062 720	9.878 589	6	123	
878	9.815 877	9	9.937 295	15	0.062 705	9.878 582	7	122	
879	9.815 886	9	9.937 310	15	0.062 690	9.878 575	7	121	
.880	9.815 894	8	9.937 325	15	0.062 675	9.878 569	6	.120	
881	9.815 903	9	9.937 341	16	0.062 659	9.878 562	7	119	
882	9.815 912	9	9.937 356	15	0.062 644	9.878 556	6	118	
883	9.815 921	9	9.937 371	15	0.062 629	9.878 549	7	117	
884	9.815 929	8	9.937 387	16	0.062 613	9.878 543	6	116	
885	9.815 938	9	9.937 402	15	0.062 598	9.878 536	7	115	
886	9.815 947	9	9.937 417	15	0.062 583	9.878 530	6	114	
887	9.815 956	9	9.937 433	16	0.062 567	9.878 523	7	113	
888	9.815 964	8	9.937 448	15	0.062 552	9.878 516	7	112	
889	9.815 973	9	9.937 463	15	0.062 537	9.878 510	6	111	
.890	9.815 982	9	9.937 479	16	0.062 521	9.878 503	7	.110	
891	9.815 991	9	9.937 494	15	0.062 506	9.878 497	6	109	
892	9.815 999	8	9.937 509	15	0.062 491	9.878 490	7	108	
893	9.816 008	9	9.937 525	16	0.062 475	9.878 484	6	107	
894	9.816 017	9	9.937 540	15	0.062 460	9.878 477	7	106	
895	9.816 026	9	9.937 555	15	0.062 445	9.878 470	7	105	
896	9.816 034	8	9.937 571	16	0.062 429	9.878 464	6	104	
897	9.816 043	9	9.937 586	15	0.062 414	9.878 457	7	103	
898	9.816 052	9	9.937 601	15	0.062 399	9.878 451	6	102	
899	9.816 061	9	9.937 616	15	0.062 384	9.878 444	7	101	
.900	9.816 069	8	9.937 632	16	0.062 368	9.878 438	6	.100	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

40°.900 — 40°.950

40°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.816 069		9.937 632		0.062 368	9.878 438		.100	
901	9.816 078	9	9.937 647	15	0.062 353	9.878 431	7	099	
902	9.816 087	9	9.937 662	15	0.062 338	9.878 424	7	098	
903	9.816 096	9	9.937 678	16	0.062 322	9.878 418	6	097	
		8		15			7		
904	9.816 104		9.937 693		0.062 307	9.878 411	6	096	
905	9.816 113	9	9.937 708	15	0.062 292	9.878 405	7	095	
906	9.816 122	9	9.937 724	16	0.062 276	9.878 398	7	094	
		9		15			6		
907	9.816 131	8	9.937 739	15	0.062 261	9.878 392	7	093	
908	9.816 139	8	9.937 754	15	0.062 246	9.878 385	7	092	
909	9.816 148	9	9.937 770	16	0.062 230	9.878 379	6	091	
		9		15			7		
.910	9.816 157		9.937 785		0.062 215	9.878 372		.090	
		9		15			7		
911	9.816 166	9	9.937 800	15	0.062 200	9.878 365	7	089	
912	9.816 174	8	9.937 816	16	0.062 184	9.878 359	6	088	
913	9.816 183	9	9.937 831	15	0.062 169	9.878 352	7	087	
		9		15			6		
914	9.816 192		9.937 846		0.062 154	9.878 346		086	
915	9.816 201	9	9.937 862	16	0.062 138	9.878 339	7	085	
916	9.816 209	8	9.937 877	15	0.062 123	9.878 333	6	084	
		9		15			7		
917	9.816 218		9.937 892		0.062 108	9.878 326		083	
918	9.816 227	9	9.937 907	15	0.062 093	9.878 319	7	082	
919	9.816 236	9	9.937 923	16	0.062 077	9.878 313	6	081	
		8		15			7		
.920	9.816 244		9.937 938		0.062 062	9.878 306		.080	
		9		15			6		
921	9.816 253	9	9.937 953	16	0.062 047	9.878 300	7	079	
922	9.816 262	9	9.937 969	15	0.062 031	9.878 293	7	078	
923	9.816 271	9	9.937 984	15	0.062 016	9.878 287	6	077	
		8		15			7		
924	9.816 279		9.937 999		0.062 001	9.878 280		076	
925	9.816 288	9	9.938 015	16	0.061 985	9.878 273	7	075	
926	9.816 297	9	9.938 030	15	0.061 970	9.878 267	6	074	
		9		15			7		
927	9.816 306		9.938 045		0.061 955	9.878 260		073	
928	9.816 314	8	9.938 061	16	0.061 939	9.878 254	6	072	
929	9.816 323	9	9.938 076	15	0.061 924	9.878 247	7	071	
		9		15			6		
.930	9.816 332		9.938 091		0.061 909	9.878 241		.070	
		9		16			7		
931	9.816 341	8	9.938 107	15	0.061 893	9.878 234	7	069	
932	9.816 349	9	9.938 122	15	0.061 878	9.878 227	6	068	
933	9.816 358	9	9.938 137	16	0.061 863	9.878 221	7	067	
		9		16			7		
934	9.816 367		9.938 153		0.061 847	9.878 214	6	066	
935	9.816 375	8	9.938 168	15	0.061 832	9.878 208	7	065	
936	9.816 384	9	9.938 183	15	0.061 817	9.878 201	7	064	
		9		15			6		
937	9.816 393		9.938 198		0.061 802	9.878 195		063	
938	9.816 402	9	9.938 214	16	0.061 786	9.878 188	7	062	
939	9.816 410	8	9.938 229	15	0.061 771	9.878 181	7	061	
		9		15			6		
.940	9.816 419		9.938 244		0.061 756	9.878 175		.060	
		9		16			7		
941	9.816 428	9	9.938 260	15	0.061 740	9.878 168	7	059	
942	9.816 437	9	9.938 275	15	0.061 725	9.878 162	6	058	
943	9.816 445	8	9.938 290	15	0.061 710	9.878 155	7	057	
		9		16			7		
944	9.816 454		9.938 306		0.061 694	9.878 148		056	
945	9.816 463	9	9.938 321	15	0.061 679	9.878 142	6	055	
946	9.816 472	9	9.938 336	15	0.061 664	9.878 135	7	054	
		8		16			6		
947	9.816 480		9.938 352		0.061 648	9.878 129		053	
948	9.816 489	9	9.938 367	15	0.061 633	9.878 122	7	052	
949	9.816 498	9	9.938 382	15	0.061 618	9.878 116	6	051	
		9		16			7		
.950	9.816 507		9.938 398		0.061 602	9.878 109		.050	
		9							
	cos	d	cotg	d	tang	sin	d	49°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

49°.100 — 49°.050

40°.950 — 41°.000

40°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.816 507	8	9.938 398	15	0.061 602	9.878 109	7	.050	
951	9.816 515	9	9.938 413	15	0.061 587	9.878 102	6	049	
952	9.816 524	9	9.938 428	15	0.061 572	9.878 096	7	048	
953	9.816 533	8	9.938 443	16	0.061 557	9.878 089	6	047	
954	9.816 541	9	9.938 459	15	0.061 541	9.878 083	7	046	
955	9.816 550	9	9.938 474	15	0.061 526	9.878 076	6	045	
956	9.816 559	9	9.938 489	16	0.061 511	9.878 070	7	044	
957	9.816 568	8	9.938 505	15	0.061 495	9.878 063	7	043	
958	9.816 576	9	9.938 520	15	0.061 480	9.878 056	6	042	
959	9.816 585	9	9.938 535	16	0.061 465	9.878 050	7	041	
.960	9.816 594	9	9.938 551	15	0.061 449	9.878 043	6	.040	
961	9.816 603	8	9.938 566	15	0.061 434	9.878 037	7	039	
962	9.816 611	9	9.938 581	16	0.061 419	9.878 030	7	038	
963	9.816 620	9	9.938 597	15	0.061 403	9.878 023	6	037	
964	9.816 629	9	9.938 612	15	0.061 388	9.878 017	7	036	
965	9.816 638	8	9.938 627	16	0.061 373	9.878 010	6	035	
966	9.816 646	9	9.938 643	15	0.061 357	9.878 004	7	034	
967	9.816 655	9	9.938 658	15	0.061 342	9.877 997	6	033	
968	9.816 664	8	9.938 673	15	0.061 327	9.877 991	7	032	
969	9.816 672	9	9.938 688	16	0.061 312	9.877 984	7	031	
.970	9.816 681	9	9.938 704	15	0.061 296	9.877 977	6	.030	
971	9.816 690	9	9.938 719	15	0.061 281	9.877 971	7	029	
972	9.816 699	8	9.938 734	16	0.061 266	9.877 964	6	028	
973	9.816 707	9	9.938 750	15	0.061 250	9.877 958	7	027	
974	9.816 716	9	9.938 765	15	0.061 235	9.877 951	6	026	
975	9.816 725	9	9.938 780	16	0.061 220	9.877 945	7	025	
976	9.816 734	8	9.938 796	15	0.061 204	9.877 938	6	024	
977	9.816 742	9	9.938 811	15	0.061 189	9.877 931	7	023	
978	9.816 751	9	9.938 826	16	0.061 174	9.877 925	6	022	
979	9.816 760	8	9.938 842	15	0.061 158	9.877 918	7	021	
.980	9.816 768	9	9.938 857	15	0.061 143	9.877 912	6	.020	
981	9.816 777	9	9.938 872	15	0.061 128	9.877 905	7	019	
982	9.816 786	9	9.938 887	16	0.061 113	9.877 898	6	018	
983	9.816 795	8	9.938 903	15	0.061 097	9.877 892	7	017	
984	9.816 803	9	9.938 918	15	0.061 082	9.877 885	6	016	
985	9.816 812	9	9.938 933	16	0.061 067	9.877 879	7	015	
986	9.816 821	9	9.938 949	15	0.061 051	9.877 872	6	014	
987	9.816 830	8	9.938 964	15	0.061 036	9.877 866	7	013	
988	9.816 838	9	9.938 979	16	0.061 021	9.877 859	6	012	
989	9.816 847	9	9.938 995	15	0.061 005	9.877 852	7	011	
.990	9.816 856	8	9.939 010	15	0.060 990	9.877 846	6	.010	
991	9.816 864	9	9.939 025	16	0.060 975	9.877 839	7	009	
992	9.816 873	9	9.939 041	15	0.060 959	9.877 833	6	008	
993	9.816 882	9	9.939 056	15	0.060 944	9.877 826	7	007	
994	9.816 891	8	9.939 071	16	0.060 929	9.877 819	6	006	
995	9.816 899	9	9.939 087	15	0.060 913	9.877 813	7	005	
996	9.816 908	9	9.939 102	15	0.060 898	9.877 806	6	004	
997	9.816 917	8	9.939 117	15	0.060 883	9.877 800	7	003	
998	9.816 925	9	9.939 132	16	0.060 868	9.877 793	6	002	
999	9.816 934	9	9.939 148	15	0.060 852	9.877 786	7	001	
*.000	9.816 943	9	9.939 163	15	0.060 837	9.877 780	6	.000	
	cos	d	cotg	d	tang	sin	d	49°	P.P.

41°.000 — 41°.050

41°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.816 943		9.939 163		0.060 837	9.877 780		*.000	
001	9.816 952	9	9.939 178	15	0.060 822	9.877 773	7	999	
002	9.816 960	8	9.939 194	16	0.060 806	9.877 767	6	998	
003	9.816 969	9	9.939 209	15	0.060 791	9.877 760	7	997	
004	9.816 978	9	9.939 224	15	0.060 776	9.877 754	6	996	
005	9.816 987	9	9.939 240	16	0.060 760	9.877 747	7	995	
006	9.816 995	8	9.939 255	15	0.060 745	9.877 740	7	994	
007	9.817 004	9	9.939 270	15	0.060 730	9.877 734	6	993	
008	9.817 013	9	9.939 286	16	0.060 714	9.877 727	7	992	
009	9.817 021	8	9.939 301	15	0.060 699	9.877 721	6	991	
.010	9.817 030	9	9.939 316	15	0.060 684	9.877 714	7	.990	
011	9.817 039	9	9.939 331	15	0.060 669	9.877 707	7	989	
012	9.817 048	9	9.939 347	16	0.060 653	9.877 701	6	988	
013	9.817 056	8	9.939 362	15	0.060 638	9.877 694	7	987	
014	9.817 065	9	9.939 377	15	0.060 623	9.877 688	6	986	
015	9.817 074	9	9.939 393	16	0.060 607	9.877 681	7	985	
016	9.817 082	8	9.939 408	15	0.060 592	9.877 674	7	984	
017	9.817 091	9	9.939 423	15	0.060 577	9.877 668	6	983	
018	9.817 100	9	9.939 439	16	0.060 561	9.877 661	7	982	
019	9.817 109	9	9.939 454	15	0.060 546	9.877 655	6	981	
.020	9.817 117	8	9.939 469	15	0.060 531	9.877 648	7	.980	
021	9.817 126	9	9.939 485	16	0.060 515	9.877 641	7	979	
022	9.817 135	9	9.939 500	15	0.060 500	9.877 635	6	978	
023	9.817 143	8	9.939 515	15	0.060 485	9.877 628	7	977	
024	9.817 152	9	9.939 530	15	0.060 470	9.877 622	6	976	
025	9.817 161	9	9.939 546	16	0.060 454	9.877 615	7	975	
026	9.817 170	9	9.939 561	15	0.060 439	9.877 608	7	974	
027	9.817 178	8	9.939 576	15	0.060 424	9.877 602	6	973	
028	9.817 187	9	9.939 592	16	0.060 408	9.877 595	7	972	
029	9.817 196	9	9.939 607	15	0.060 393	9.877 589	6	971	
.030	9.817 204	8	9.939 622	15	0.060 378	9.877 582	7	.970	
031	9.817 213	9	9.939 638	16	0.060 362	9.877 575	7	969	
032	9.817 222	9	9.939 653	15	0.060 347	9.877 569	6	968	
033	9.817 230	8	9.939 668	15	0.060 332	9.877 562	7	967	
034	9.817 239	9	9.939 684	16	0.060 316	9.877 556	6	966	
035	9.817 248	9	9.939 699	15	0.060 301	9.877 549	7	965	
036	9.817 257	9	9.939 714	15	0.060 286	9.877 543	6	964	
037	9.817 265	8	9.939 729	15	0.060 271	9.877 536	7	963	
038	9.817 274	9	9.939 745	16	0.060 255	9.877 529	7	962	
039	9.817 283	9	9.939 760	15	0.060 240	9.877 523	6	961	
.040	9.817 291	8	9.939 775	15	0.060 225	9.877 516	7	.960	
041	9.817 300	9	9.939 791	16	0.060 209	9.877 510	6	959	
042	9.817 309	9	9.939 806	15	0.060 194	9.877 503	7	958	
043	9.817 318	9	9.939 821	15	0.060 179	9.877 496	7	957	
044	9.817 326	8	9.939 837	16	0.060 163	9.877 490	6	956	
045	9.817 335	9	9.939 852	15	0.060 148	9.877 483	7	955	
046	9.817 344	9	9.939 867	15	0.060 133	9.877 477	6	954	
047	9.817 352	8	9.939 882	15	0.060 118	9.877 470	7	953	
048	9.817 361	9	9.939 898	16	0.060 102	9.877 463	7	952	
049	9.817 370	9	9.939 913	15	0.060 087	9.877 457	6	951	
.050	9.817 379	9	9.939 928	15	0.060 072	9.877 450	7	.950	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

41°.050 — 41°.100

41°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.817 379	8	9.939 928	16	0.060 072	9.877 450	6	.950	
051	9.817 387	9	9.939 944	15	0.060 056	9.877 444	7	949	
052	9.817 396	9	9.939 959	15	0.060 041	9.877 437	7	948	
053	9.817 405	8	9.939 974	16	0.060 026	9.877 430	6	947	
054	9.817 413	9	9.939 990	15	0.060 010	9.877 424	7	946	
055	9.817 422	9	9.940 005	15	0.059 995	9.877 417	6	945	
056	9.817 431	8	9.940 020	16	0.059 980	9.877 411	7	944	
057	9.817 439	9	9.940 036	15	0.059 964	9.877 404	7	943	
058	9.817 448	9	9.940 051	15	0.059 949	9.877 397	6	942	
059	9.817 457	9	9.940 066	15	0.059 934	9.877 391	7	941	
.060	9.817 466	8	9.940 081	16	0.059 919	9.877 384	7	.940	
061	9.817 474	9	9.940 097	15	0.059 903	9.877 377	6	939	
062	9.817 483	9	9.940 112	15	0.059 888	9.877 371	7	938	
063	9.817 492	8	9.940 127	16	0.059 873	9.877 364	6	937	
064	9.817 500	9	9.940 143	15	0.059 857	9.877 358	7	936	
065	9.817 509	9	9.940 158	15	0.059 842	9.877 351	6	935	
066	9.817 518	8	9.940 173	16	0.059 827	9.877 344	7	934	
067	9.817 526	9	9.940 189	15	0.059 811	9.877 338	6	933	
068	9.817 535	9	9.940 204	15	0.059 796	9.877 331	7	932	
069	9.817 544	9	9.940 219	15	0.059 781	9.877 325	6	931	
.070	9.817 553	8	9.940 234	16	0.059 766	9.877 318	7	.930	
071	9.817 561	9	9.940 250	15	0.059 750	9.877 311	6	929	
072	9.817 570	9	9.940 265	15	0.059 735	9.877 305	7	928	
073	9.817 579	8	9.940 280	16	0.059 720	9.877 298	6	927	
074	9.817 587	9	9.940 296	15	0.059 704	9.877 292	7	926	
075	9.817 596	9	9.940 311	15	0.059 689	9.877 285	6	925	
076	9.817 605	8	9.940 326	16	0.059 674	9.877 278	7	924	
077	9.817 613	9	9.940 342	15	0.059 658	9.877 272	6	923	
078	9.817 622	9	9.940 357	15	0.059 643	9.877 265	7	922	
079	9.817 631	9	9.940 372	15	0.059 628	9.877 259	6	921	
.080	9.817 640	8	9.940 388	16	0.059 612	9.877 252	7	.920	
081	9.817 648	9	9.940 403	15	0.059 597	9.877 245	6	919	
082	9.817 657	9	9.940 418	15	0.059 582	9.877 239	7	918	
083	9.817 666	8	9.940 433	16	0.059 567	9.877 232	6	917	
084	9.817 674	9	9.940 449	15	0.059 551	9.877 226	7	916	
085	9.817 683	9	9.940 464	15	0.059 536	9.877 219	6	915	
086	9.817 692	8	9.940 479	16	0.059 521	9.877 212	7	914	
087	9.817 700	9	9.940 495	15	0.059 505	9.877 206	6	913	
088	9.817 709	9	9.940 510	15	0.059 490	9.877 199	7	912	
089	9.817 718	8	9.940 525	16	0.059 475	9.877 193	6	911	
.090	9.817 726	9	9.940 541	15	0.059 459	9.877 186	7	.910	
091	9.817 735	9	9.940 556	15	0.059 444	9.877 179	6	909	
092	9.817 744	9	9.940 571	15	0.059 429	9.877 173	7	908	
093	9.817 753	8	9.940 586	16	0.059 414	9.877 166	6	907	
094	9.817 761	9	9.940 602	15	0.059 398	9.877 159	7	906	
095	9.817 770	9	9.940 617	15	0.059 383	9.877 153	6	905	
096	9.817 779	8	9.940 632	16	0.059 368	9.877 146	7	904	
097	9.817 787	9	9.940 648	15	0.059 352	9.877 140	6	903	
098	9.817 796	9	9.940 663	15	0.059 337	9.877 133	7	902	
099	9.817 805	9	9.940 678	15	0.059 322	9.877 126	6	901	
.100	9.817 813	8	9.940 694	16	0.059 306	9.877 120	7	.900	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.950 — 48°.900

41°.100 — 41°.150

41°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.817 813		9.940 694		0.059 306	9.877 120		.900	
101	9.817 822	9	9.940 709	15	0.059 291	9.877 113	7	899	
102	9.817 831	9	9.940 724	15	0.059 276	9.877 107	6	898	
103	9.817 839	8	9.940 739	15	0.059 261	9.877 100	7	897	
		9		16			7		
104	9.817 848	9	9.940 755	15	0.059 245	9.877 093	6	896	
105	9.817 857	8	9.940 770	15	0.059 230	9.877 087	7	895	
106	9.817 865	9	9.940 785	15	0.059 215	9.877 080	6	894	
		9		16			7		
107	9.817 874	9	9.940 801	15	0.059 199	9.877 074	7	893	
108	9.817 883	9	9.940 816	15	0.059 184	9.877 067	7	892	
109	9.817 892	8	9.940 831	15	0.059 169	9.877 060	6	891	
		9		16			7		
.110	9.817 900		9.940 847		0.059 153	9.877 054		.890	
		9		15			7		
111	9.817 909	9	9.940 862	15	0.059 138	9.877 047	7	889	
112	9.817 918	8	9.940 877	15	0.059 123	9.877 040	6	888	
113	9.817 926	9	9.940 892	15	0.059 108	9.877 034	7	887	
		9		16			7		
114	9.817 935	9	9.940 908	15	0.059 092	9.877 027	6	886	
115	9.817 944	8	9.940 923	15	0.059 077	9.877 021	7	885	
116	9.817 952	9	9.940 938	15	0.059 062	9.877 014	6	884	
		9		16			7		
117	9.817 961	9	9.940 954	15	0.059 046	9.877 007	6	883	
118	9.817 970	8	9.940 969	15	0.059 031	9.877 001	7	882	
119	9.817 978	9	9.940 984	15	0.059 016	9.876 994	6	881	
		9		16			7		
.120	9.817 987		9.941 000		0.059 000	9.876 987		.880	
		9		15			6		
121	9.817 996	8	9.941 015	15	0.058 985	9.876 981	7	879	
122	9.818 004	9	9.941 030	15	0.058 970	9.876 974	6	878	
123	9.818 013	9	9.941 045	15	0.058 955	9.876 968	7	877	
		9		16			7		
124	9.818 022	8	9.941 061	15	0.058 939	9.876 961	7	876	
125	9.818 030	9	9.941 076	15	0.058 924	9.876 954	6	875	
126	9.818 039	9	9.941 091	15	0.058 909	9.876 948	7	874	
		9		16			7		
127	9.818 048	9	9.941 107	15	0.058 893	9.876 941	6	873	
128	9.818 057	8	9.941 122	15	0.058 878	9.876 935	7	872	
129	9.818 065	9	9.941 137	15	0.058 863	9.876 928	6	871	
		9		16			7		
.130	9.818 074		9.941 153		0.058 847	9.876 921		.870	
		9		15			6		
131	9.818 083	8	9.941 168	15	0.058 832	9.876 915	7	869	
132	9.818 091	9	9.941 183	15	0.058 817	9.876 908	7	868	
133	9.818 100	9	9.941 198	15	0.058 802	9.876 901	6	867	
		9		16			6		
134	9.818 109	8	9.941 214	15	0.058 786	9.876 895	7	866	
135	9.818 117	9	9.941 229	15	0.058 771	9.876 888	6	865	
136	9.818 126	9	9.941 244	15	0.058 756	9.876 882	7	864	
		9		16			7		
137	9.818 135	8	9.941 260	15	0.058 740	9.876 875	7	863	
138	9.818 143	9	9.941 275	15	0.058 725	9.876 868	6	862	
139	9.818 152	9	9.941 290	15	0.058 710	9.876 862	7	861	
		9		16			7		
.140	9.818 161		9.941 306		0.058 694	9.876 855		.860	
		8		15			7		
141	9.818 169	9	9.941 321	15	0.058 679	9.876 848	6	859	
142	9.818 178	9	9.941 336	15	0.058 664	9.876 842	7	858	
143	9.818 187	8	9.941 351	15	0.058 649	9.876 835	6	857	
		8		16			6		
144	9.818 195	9	9.941 367	15	0.058 633	9.876 829	7	856	
145	9.818 204	9	9.941 382	15	0.058 618	9.876 822	6	855	
146	9.818 213	9	9.941 397	15	0.058 603	9.876 815	7	854	
		8		16			6		
147	9.818 221	9	9.941 413	15	0.058 587	9.876 809	7	853	
148	9.818 230	9	9.941 428	15	0.058 572	9.876 802	6	852	
149	9.818 239	8	9.941 443	15	0.058 557	9.876 796	7	851	
		8		16			7		
.150	9.818 247		9.941 459		0.058 541	9.876 789		.850	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.900 — 48°.850

41°.150 — 41°.200

41°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.818 247		9.941 459		0.058 541	9.876 789		.850	
151	9.818 256	9	9.941 474	15	0.058 526	9.876 782	7	849	
152	9.818 265	9	9.941 489	15	0.058 511	9.876 776	6	848	
153	9.818 273	8	9.941 504	15	0.058 496	9.876 769	7	847	
		9		16			7		
154	9.818 282	9	9.941 520	16	0.058 480	9.876 762	7	846	
155	9.818 291	9	9.941 535	15	0.058 465	9.876 756	6	845	
156	9.818 299	8	9.941 550	15	0.058 450	9.876 749	7	844	
		9		16			6		
157	9.818 308	9	9.941 566	16	0.058 434	9.876 743	7	843	
158	9.818 317	9	9.941 581	15	0.058 419	9.876 736	7	842	
159	9.818 325	8	9.941 596	15	0.058 404	9.876 729	7	841	
		9		16			6		
.160	9.818 334		9.941 612		0.058 388	9.876 723		.840	
		9		15			7		
161	9.818 343	8	9.941 627	15	0.058 373	9.876 716	7	839	
162	9.818 351	8	9.941 642	15	0.058 358	9.876 709	7	838	
163	9.818 360	9	9.941 657	15	0.058 343	9.876 703	6	837	
		9		16			7		
164	9.818 369	9	9.941 673	16	0.058 327	9.876 696	7	836	
165	9.818 377	8	9.941 688	15	0.058 312	9.876 689	7	835	
166	9.818 386	9	9.941 703	15	0.058 297	9.876 683	6	834	
		9		16			7		
167	9.818 395	9	9.941 719	16	0.058 281	9.876 676	7	833	
168	9.818 403	8	9.941 734	15	0.058 266	9.876 670	6	832	
169	9.818 412	9	9.941 749	15	0.058 251	9.876 663	7	831	
		9		15			7		
.170	9.818 421		9.941 764		0.058 236	9.876 656		.830	
		8		16			6		
171	9.818 429	9	9.941 780	15	0.058 220	9.876 650	7	829	
172	9.818 438	9	9.941 795	15	0.058 205	9.876 643	7	828	
173	9.818 447	9	9.941 810	15	0.058 190	9.876 636	7	827	
		8		16			6		
174	9.818 455	9	9.941 826	15	0.058 174	9.876 630	7	826	
175	9.818 464	9	9.941 841	15	0.058 159	9.876 623	7	825	
176	9.818 473	9	9.941 856	15	0.058 144	9.876 617	6	824	
		8		16			7		
177	9.818 481	9	9.941 872	15	0.058 128	9.876 610	7	823	
178	9.818 490	9	9.941 887	15	0.058 113	9.876 603	7	822	
179	9.818 499	9	9.941 902	15	0.058 098	9.876 597	6	821	
		8		15			7		
.180	9.818 507		9.941 917		0.058 083	9.876 590		.820	
		9		16			7		
181	9.818 516	9	9.941 933	15	0.058 067	9.876 583	6	819	
182	9.818 525	8	9.941 948	15	0.058 052	9.876 577	7	818	
183	9.818 533	9	9.941 963	15	0.058 037	9.876 570	7	817	
		9		16			6		
184	9.818 542	9	9.941 979	15	0.058 021	9.876 564	7	816	
185	9.818 551	9	9.941 994	15	0.058 006	9.876 557	7	815	
186	9.818 559	8	9.942 009	15	0.057 991	9.876 550	7	814	
		9		15			6		
187	9.818 568	9	9.942 024	15	0.057 976	9.876 544	7	813	
188	9.818 577	9	9.942 040	16	0.057 960	9.876 537	7	812	
189	9.818 585	8	9.942 055	15	0.057 945	9.876 530	7	811	
		9		15			6		
.190	9.818 594		9.942 070		0.057 930	9.876 524		.810	
		9		16			7		
191	9.818 603	9	9.942 086	16	0.057 914	9.876 517	7	809	
192	9.818 611	8	9.942 101	15	0.057 899	9.876 510	7	808	
193	9.818 620	9	9.942 116	15	0.057 884	9.876 504	6	807	
		9		16			7		
194	9.818 629	9	9.942 132	16	0.057 868	9.876 497	7	806	
195	9.818 637	8	9.942 147	15	0.057 853	9.876 491	6	805	
196	9.818 646	9	9.942 162	15	0.057 838	9.876 484	7	804	
		9		15			7		
197	9.818 655	9	9.942 177	15	0.057 823	9.876 477	7	803	
198	9.818 663	8	9.942 193	16	0.057 807	9.876 471	6	802	
199	9.818 672	9	9.942 208	15	0.057 792	9.876 464	7	801	
		9		15			7		
.200	9.818 681		9.942 223		0.057 777	9.876 457		.800	
		9		15			7		
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

41°.200 — 41°.250

41°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.818 681	8	9.942 223	16	0.057 777	9.876 457	6	.800	
201	9.818 689	9	9.942 239	15	0.057 761	9.876 451	7	799	
202	9.818 698	9	9.942 254	15	0.057 746	9.876 444	7	798	
203	9.818 707	8	9.942 269	15	0.057 731	9.876 437	6	797	
204	9.818 715	9	9.942 284	16	0.057 716	9.876 431	7	796	
205	9.818 724	9	9.942 300	15	0.057 700	9.876 424	6	795	
206	9.818 733	8	9.942 315	15	0.057 685	9.876 418	7	794	
207	9.818 741	9	9.942 330	16	0.057 670	9.876 411	7	793	
208	9.818 750	9	9.942 346	15	0.057 654	9.876 404	6	792	
209	9.818 759	8	9.942 361	15	0.057 639	9.876 398	7	791	
.210	9.818 767	9	9.942 376	16	0.057 624	9.876 391	7	.790	
211	9.818 776	9	9.942 392	15	0.057 608	9.876 384	7	789	
212	9.818 785	8	9.942 407	15	0.057 593	9.876 378	6	788	
213	9.818 793	9	9.942 422	15	0.057 578	9.876 371	7	787	
214	9.818 802	9	9.942 437	16	0.057 563	9.876 364	7	786	
215	9.818 811	8	9.942 453	15	0.057 547	9.876 358	6	785	
216	9.818 819	9	9.942 468	15	0.057 532	9.876 351	7	784	
217	9.818 828	9	9.942 483	16	0.057 517	9.876 345	6	783	
218	9.818 837	8	9.942 499	15	0.057 501	9.876 338	7	782	
219	9.818 845	9	9.942 514	15	0.057 486	9.876 331	7	781	
.220	9.818 854	8	9.942 529	15	0.057 471	9.876 325	6	.780	
221	9.818 862	9	9.942 544	16	0.057 456	9.876 318	7	779	
222	9.818 871	9	9.942 560	15	0.057 440	9.876 311	7	778	
223	9.818 880	8	9.942 575	15	0.057 425	9.876 305	6	777	
224	9.818 888	9	9.942 590	16	0.057 410	9.876 298	7	776	
225	9.818 897	9	9.942 606	15	0.057 394	9.876 291	7	775	
226	9.818 906	8	9.942 621	15	0.057 379	9.876 285	6	774	
227	9.818 914	9	9.942 636	16	0.057 364	9.876 278	7	773	
228	9.818 923	9	9.942 652	15	0.057 348	9.876 272	6	772	
229	9.818 932	8	9.942 667	15	0.057 333	9.876 265	7	771	
.230	9.818 940	9	9.942 682	15	0.057 318	9.876 258	7	.770	
231	9.818 949	8	9.942 697	16	0.057 303	9.876 252	6	769	
232	9.818 958	9	9.942 713	15	0.057 287	9.876 245	7	768	
233	9.818 966	9	9.942 728	15	0.057 272	9.876 238	7	767	
234	9.818 975	8	9.942 743	15	0.057 257	9.876 232	6	766	
235	9.818 984	9	9.942 759	16	0.057 241	9.876 225	7	765	
236	9.818 992	8	9.942 774	15	0.057 226	9.876 218	7	764	
237	9.819 001	9	9.942 789	15	0.057 211	9.876 212	6	763	
238	9.819 010	9	9.942 804	16	0.057 196	9.876 205	7	762	
239	9.819 018	8	9.942 820	15	0.057 180	9.876 198	7	761	
.240	9.819 027	9	9.942 835	15	0.057 165	9.876 192	6	.760	
241	9.819 035	8	9.942 850	15	0.057 150	9.876 185	7	759	
242	9.819 044	9	9.942 866	16	0.057 134	9.876 178	7	758	
243	9.819 053	9	9.942 881	15	0.057 119	9.876 172	6	757	
244	9.819 061	8	9.942 896	15	0.057 104	9.876 165	7	756	
245	9.819 070	9	9.942 911	15	0.057 089	9.876 159	6	755	
246	9.819 079	9	9.942 927	16	0.057 073	9.876 152	7	754	
247	9.819 087	8	9.942 942	15	0.057 058	9.876 145	7	753	
248	9.819 096	9	9.942 957	15	0.057 043	9.876 139	6	752	
249	9.819 105	9	9.942 973	16	0.057 027	9.876 132	7	751	
.250	9.819 113	8	9.942 988	15	0.057 012	9.876 125	7	.750	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

41°.250 — 41°.300

41°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.819 113		9.942 988		0.057 012	9.876 125		.750	
251	9.819 122	9	9.943 003	15	0.056 997	9.876 119	6	749	
252	9.819 131	9	9.943 019	16	0.056 981	9.876 112	7	748	
253	9.819 139	8	9.943 034	15	0.056 966	9.876 105	7	747	
		9		15			6		
254	9.819 148	8	9.943 049	15	0.056 951	9.876 099	7	746	
255	9.819 156	9	9.943 064	15	0.056 936	9.876 092	7	745	
256	9.819 165	9	9.943 080	16	0.056 920	9.876 085	7	744	
		9		15			6		
257	9.819 174	8	9.943 095	15	0.056 905	9.876 079	7	743	
258	9.819 182	8	9.943 110	15	0.056 890	9.876 072	7	742	
259	9.819 191	9	9.943 126	16	0.056 874	9.876 065	7	741	
		9		15			6		
.260	9.819 200	8	9.943 141	15	0.056 859	9.876 059	7	.740	
261	9.819 208	9	9.943 156	15	0.056 844	9.876 052	6	739	
262	9.819 217	9	9.943 171	15	0.056 829	9.876 046	6	738	
263	9.819 226	9	9.943 187	16	0.056 813	9.876 039	7	737	
		8		15			7		
264	9.819 234	9	9.943 202	15	0.056 798	9.876 032	7	736	
265	9.819 243	9	9.943 217	15	0.056 783	9.876 026	6	735	
266	9.819 252	9	9.943 233	16	0.056 767	9.876 019	7	734	
		8		15			7		
267	9.819 260	9	9.943 248	15	0.056 752	9.876 012	7	733	
268	9.819 269	9	9.943 263	15	0.056 737	9.876 006	6	732	
269	9.819 277	8	9.943 278	15	0.056 722	9.875 999	7	731	
		9		16			7		
.270	9.819 286	9	9.943 294	15	0.056 706	9.875 992	6	.730	
271	9.819 295	8	9.943 309	15	0.056 691	9.875 986	7	729	
272	9.819 303	9	9.943 324	16	0.056 676	9.875 979	7	728	
273	9.819 312	9	9.943 340	16	0.056 660	9.875 972	7	727	
		9		15			6		
274	9.819 321	8	9.943 355	15	0.056 645	9.875 966	7	726	
275	9.819 329	9	9.943 370	15	0.056 630	9.875 959	7	725	
276	9.819 338	9	9.943 385	15	0.056 615	9.875 952	7	724	
		9		16			6		
277	9.819 347	8	9.943 401	15	0.056 599	9.875 946	7	723	
278	9.819 355	8	9.943 416	15	0.056 584	9.875 939	7	722	
279	9.819 364	9	9.943 431	15	0.056 569	9.875 932	7	721	
		8		16			6		
.280	9.819 372	9	9.943 447	15	0.056 553	9.875 926	7	.720	
281	9.819 381	9	9.943 462	15	0.056 538	9.875 919	7	719	
282	9.819 390	8	9.943 477	15	0.056 523	9.875 912	6	718	
283	9.819 398	9	9.943 492	15	0.056 508	9.875 906	7	717	
		9		16			7		
284	9.819 407	9	9.943 508	15	0.056 492	9.875 899	6	716	
285	9.819 416	8	9.943 523	15	0.056 477	9.875 893	7	715	
286	9.819 424	9	9.943 538	15	0.056 462	9.875 886	7	714	
		9		16			7		
287	9.819 433	8	9.943 554	15	0.056 446	9.875 879	6	713	
288	9.819 441	9	9.943 569	15	0.056 431	9.875 873	7	712	
289	9.819 450	9	9.943 584	15	0.056 416	9.875 866	7	711	
		9		16			7		
.290	9.819 459	8	9.943 600	15	0.056 400	9.875 859	6	.710	
291	9.819 467	9	9.943 615	15	0.056 385	9.875 853	6	709	
292	9.819 476	9	9.943 630	15	0.056 370	9.875 846	7	708	
293	9.819 485	9	9.943 645	15	0.056 355	9.875 839	7	707	
		8		16			6		
294	9.819 493	9	9.943 661	15	0.056 339	9.875 833	7	706	
295	9.819 502	9	9.943 676	15	0.056 324	9.875 826	7	705	
296	9.819 511	9	9.943 691	15	0.056 309	9.875 819	7	704	
		8		16			6		
297	9.819 519	9	9.943 707	15	0.056 293	9.875 813	7	703	
298	9.819 528	9	9.943 722	15	0.056 278	9.875 806	7	702	
299	9.819 536	8	9.943 737	15	0.056 263	9.875 799	7	701	
		9		15			6		
.300	9.819 545		9.943 752		0.056 248	9.875 793		.700	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.750 — 48°.700

41°.300 — 41°.350

41°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.819 545		9.943 752		0.056 248	9.875 793		.700	
301	9.819 554	9	9.943 768	16	0.056 232	9.875 786	7	699	
302	9.819 562	8	9.943 783	15	0.056 217	9.875 779	7	698	
303	9.819 571	9	9.943 798	15	0.056 202	9.875 773	6	697	
		9		16			7		
304	9.819 580	8	9.943 814	15	0.056 186	9.875 766	7	696	
305	9.819 588	9	9.943 829	15	0.056 171	9.875 759	7	695	
306	9.819 597	8	9.943 844	15	0.056 156	9.875 753	6	694	
		8		15			7		
307	9.819 605	9	9.943 859	16	0.056 141	9.875 746	7	693	
308	9.819 614	9	9.943 875	16	0.056 125	9.875 739	7	692	
309	9.819 623	9	9.943 890	15	0.056 110	9.875 733	6	691	
		8		15			7		
.310	9.819 631		9.943 905		0.056 095	9.875 726		.690	
		9		16			7		
311	9.819 640	9	9.943 921	15	0.056 079	9.875 719	7	689	
312	9.819 649	9	9.943 936	15	0.056 064	9.875 713	6	688	
313	9.819 657	8	9.943 951	15	0.056 049	9.875 706	7	687	
		9		15			7		
314	9.819 666	8	9.943 966	16	0.056 034	9.875 699	7	686	
315	9.819 674	9	9.943 982	16	0.056 018	9.875 693	6	685	
316	9.819 683	9	9.943 997	15	0.056 003	9.875 686	7	684	
		9		15			7		
317	9.819 692	8	9.944 012	16	0.055 988	9.875 679	7	683	
318	9.819 700	8	9.944 028	16	0.055 972	9.875 673	6	682	
319	9.819 709	9	9.944 043	15	0.055 957	9.875 666	7	681	
		9		15			7		
.320	9.819 718		9.944 058		0.055 942	9.875 659		.680	
		8		15			6		
321	9.819 726	9	9.944 073	16	0.055 927	9.875 653	7	679	
322	9.819 735	8	9.944 089	15	0.055 911	9.875 646	7	678	
323	9.819 743	9	9.944 104	15	0.055 896	9.875 639	7	677	
		9		15			6		
324	9.819 752	9	9.944 119	16	0.055 881	9.875 633	7	676	
325	9.819 761	8	9.944 135	15	0.055 865	9.875 626	7	675	
326	9.819 769	8	9.944 150	15	0.055 850	9.875 619	7	674	
		9		15			6		
327	9.819 778	8	9.944 165	15	0.055 835	9.875 613	7	673	
328	9.819 786	8	9.944 180	15	0.055 820	9.875 606	7	672	
329	9.819 795	9	9.944 196	16	0.055 804	9.875 599	7	671	
		9		15			6		
.330	9.819 804		9.944 211		0.055 789	9.875 593		.670	
		8		15			7		
331	9.819 812	9	9.944 226	16	0.055 774	9.875 586	7	669	
332	9.819 821	9	9.944 242	15	0.055 758	9.875 579	6	668	
333	9.819 830	8	9.944 257	15	0.055 743	9.875 573	7	667	
		8		15			7		
334	9.819 838	9	9.944 272	15	0.055 728	9.875 566	7	666	
335	9.819 847	8	9.944 287	16	0.055 713	9.875 559	6	665	
336	9.819 855	9	9.944 303	15	0.055 697	9.875 553	7	664	
		9		15			7		
337	9.819 864	9	9.944 318	15	0.055 682	9.875 546	7	663	
338	9.819 873	8	9.944 333	16	0.055 667	9.875 539	7	662	
339	9.819 881	8	9.944 349	16	0.055 651	9.875 533	6	661	
		9		15			7		
.340	9.819 890		9.944 364		0.055 636	9.875 526		.660	
		9		15			7		
341	9.819 899	8	9.944 379	15	0.055 621	9.875 519	7	659	
342	9.819 907	9	9.944 394	16	0.055 606	9.875 513	6	658	
343	9.819 916	9	9.944 410	16	0.055 590	9.875 506	7	657	
		8		15			7		
344	9.819 924	9	9.944 425	15	0.055 575	9.875 499	7	656	
345	9.819 933	9	9.944 440	15	0.055 560	9.875 493	6	655	
346	9.819 942	9	9.944 456	16	0.055 544	9.875 486	7	654	
		8		15			7		
347	9.819 950	9	9.944 471	15	0.055 529	9.875 479	7	653	
348	9.819 959	9	9.944 486	15	0.055 514	9.875 473	6	652	
349	9.819 967	8	9.944 501	15	0.055 499	9.875 466	7	651	
		9		16			7		
.350	9.819 976		9.944 517		0.055 483	9.875 459		.650	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.700 — 48°.650

41°.350 — 41°.400

41°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.819 976		9.944 517		0.055 483	9.875 459		.650	
351	9.819 985	9	9.944 532	15	0.055 468	9.875 453	6	649	
352	9.819 993	8	9.944 547	15	0.055 453	9.875 446	7	648	
353	9.820 002	9	9.944 562	15	0.055 438	9.875 439	7	647	
		9		16			6		
354	9.820 011	8	9.944 578	15	0.055 422	9.875 433	7	646	
355	9.820 019	9	9.944 593	15	0.055 407	9.875 426	7	645	
356	9.820 028	8	9.944 608	15	0.055 392	9.875 419	7	644	
		8		16			6		
357	9.820 036	9	9.944 624	15	0.055 376	9.875 413	7	643	
358	9.820 045	9	9.944 639	15	0.055 361	9.875 406	7	642	
359	9.820 054	8	9.944 654	15	0.055 346	9.875 399	7	641	
		8		15			6		
.360	9.820 062		9.944 669		0.055 331	9.875 393		.640	
		9		16			7		
361	9.820 071	8	9.944 685	15	0.055 315	9.875 386	7	639	
362	9.820 079	9	9.944 700	15	0.055 300	9.875 379	7	638	
363	9.820 088	9	9.944 715	15	0.055 285	9.875 373	6	637	
		9		16			7		
364	9.820 097	8	9.944 731	15	0.055 269	9.875 366	7	636	
365	9.820 105	9	9.944 746	15	0.055 254	9.875 359	7	635	
366	9.820 114	9	9.944 761	15	0.055 239	9.875 353	6	634	
		8		15			7		
367	9.820 122	9	9.944 776	16	0.055 224	9.875 346	7	633	
368	9.820 131	9	9.944 792	16	0.055 208	9.875 339	7	632	
369	9.820 140	9	9.944 807	15	0.055 193	9.875 333	6	631	
		8		15			7		
.370	9.820 148		9.944 822		0.055 178	9.875 326		.630	
		9		16			7		
371	9.820 157	8	9.944 838	15	0.055 162	9.875 319	6	629	
372	9.820 165	9	9.944 853	15	0.055 147	9.875 313	7	628	
373	9.820 174	9	9.944 868	15	0.055 132	9.875 306	7	627	
		9		15			7		
374	9.820 183	8	9.944 883	16	0.055 117	9.875 299	6	626	
375	9.820 191	9	9.944 899	15	0.055 101	9.875 293	7	625	
376	9.820 200	8	9.944 914	15	0.055 086	9.875 286	7	624	
		8		15			7		
377	9.820 208	9	9.944 929	16	0.055 071	9.875 279	6	623	
378	9.820 217	9	9.944 945	16	0.055 055	9.875 273	6	622	
379	9.820 226	9	9.944 960	15	0.055 040	9.875 266	7	621	
		8		15			7		
.380	9.820 234		9.944 975		0.055 025	9.875 259		.620	
		9		15			6		
381	9.820 243	9	9.944 990	16	0.055 010	9.875 253	7	619	
382	9.820 252	8	9.945 006	15	0.054 994	9.875 246	7	618	
383	9.820 260	9	9.945 021	15	0.054 979	9.875 239	7	617	
		9		15			7		
384	9.820 269	8	9.945 036	16	0.054 964	9.875 232	6	616	
385	9.820 277	9	9.945 052	15	0.054 948	9.875 226	7	615	
386	9.820 286	9	9.945 067	15	0.054 933	9.875 219	7	614	
		9		15			7		
387	9.820 295	8	9.945 082	15	0.054 918	9.875 212	6	613	
388	9.820 303	9	9.945 097	16	0.054 903	9.875 206	7	612	
389	9.820 312	9	9.945 113	16	0.054 887	9.875 199	7	611	
		8		15			7		
.390	9.820 320		9.945 128		0.054 872	9.875 192		.610	
		9		15			6		
391	9.820 329	9	9.945 143	15	0.054 857	9.875 186	7	609	
392	9.820 338	8	9.945 158	16	0.054 842	9.875 179	7	608	
393	9.820 346	9	9.945 174	16	0.054 826	9.875 172	7	607	
		9		15			6		
394	9.820 355	8	9.945 189	15	0.054 811	9.875 166	7	606	
395	9.820 363	9	9.945 204	16	0.054 796	9.875 159	7	605	
396	9.820 372	9	9.945 220	16	0.054 780	9.875 152	7	604	
		9		15			6		
397	9.820 381	8	9.945 235	15	0.054 765	9.875 146	7	603	
398	9.820 389	9	9.945 250	15	0.054 750	9.875 139	7	602	
399	9.820 398	9	9.945 265	15	0.054 735	9.875 132	7	601	
		8		16			6		
.400	9.820 406		9.945 281		0.054 719	9.875 126		.600	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

41°.400 — 41°.450

41°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.820 406		9.945 281		0.054 719	9.875 126		.600	
401	9.820 415	9	9.945 296	15	0.054 704	9.875 119	7	599	
402	9.820 424	9	9.945 311	15	0.054 689	9.875 112	7	598	
403	9.820 432	8	9.945 327	16	0.054 673	9.875 106	6	597	
404	9.820 441	9	9.945 342	15	0.054 658	9.875 099	7	596	
405	9.820 449	8	9.945 357	15	0.054 643	9.875 092	7	595	
406	9.820 458	9	9.945 372	15	0.054 628	9.875 085	7	594	
407	9.820 466	8	9.945 388	16	0.054 612	9.875 079	6	593	
408	9.820 475	9	9.945 403	15	0.054 597	9.875 072	7	592	
409	9.820 484	9	9.945 418	15	0.054 582	9.875 065	7	591	
		8		16			6		
.410	9.820 492		9.945 434		0.054 566	9.875 059		.590	
		9		15			7		
411	9.820 501	8	9.945 449	15	0.054 551	9.875 052	7	589	
412	9.820 509	8	9.945 464	15	0.054 536	9.875 045	7	588	
413	9.820 518	9	9.945 479	15	0.054 521	9.875 039	6	587	
414	9.820 527	9	9.945 495	16	0.054 505	9.875 032	7	586	
415	9.820 535	8	9.945 510	15	0.054 490	9.875 025	7	585	
416	9.820 544	9	9.945 525	15	0.054 475	9.875 019	6	584	
417	9.820 552	8	9.945 540	15	0.054 460	9.875 012	7	583	
418	9.820 561	9	9.945 556	16	0.054 444	9.875 005	7	582	
419	9.820 570	9	9.945 571	15	0.054 429	9.874 999	6	581	
		8		15			7		
.420	9.820 578		9.945 586		0.054 414	9.874 992		.580	
		9		16			7		
421	9.820 587	8	9.945 602	15	0.054 398	9.874 985	6	579	
422	9.820 595	8	9.945 617	15	0.054 383	9.874 979	6	578	
423	9.820 604	9	9.945 632	15	0.054 368	9.874 972	7	577	
424	9.820 613	9	9.945 647	15	0.054 353	9.874 965	7	576	
425	9.820 621	8	9.945 663	16	0.054 337	9.874 958	7	575	
426	9.820 630	9	9.945 678	15	0.054 322	9.874 952	6	574	
427	9.820 638	8	9.945 693	15	0.054 307	9.874 945	7	573	
428	9.820 647	9	9.945 709	16	0.054 291	9.874 938	7	572	
429	9.820 656	9	9.945 724	15	0.054 276	9.874 932	6	571	
		8		15			7		
.430	9.820 664		9.945 739		0.054 261	9.874 925		.570	
		9		15			7		
431	9.820 673	8	9.945 754	16	0.054 246	9.874 918	6	569	
432	9.820 681	8	9.945 770	16	0.054 230	9.874 912	6	568	
433	9.820 690	9	9.945 785	15	0.054 215	9.874 905	7	567	
434	9.820 698	8	9.945 800	15	0.054 200	9.874 898	7	566	
435	9.820 707	9	9.945 816	16	0.054 184	9.874 892	6	565	
436	9.820 716	9	9.945 831	15	0.054 169	9.874 885	7	564	
437	9.820 724	8	9.945 846	15	0.054 154	9.874 878	7	563	
438	9.820 733	9	9.945 861	15	0.054 139	9.874 871	7	562	
439	9.820 741	8	9.945 877	16	0.054 123	9.874 865	6	561	
		9		15			7		
.440	9.820 750		9.945 892		0.054 108	9.874 858		.560	
		9		15			7		
441	9.820 759	8	9.945 907	15	0.054 093	9.874 851	7	559	
442	9.820 767	8	9.945 922	15	0.054 078	9.874 845	6	558	
443	9.820 776	9	9.945 938	16	0.054 062	9.874 838	7	557	
444	9.820 784	8	9.945 953	15	0.054 047	9.874 831	7	556	
445	9.820 793	9	9.945 968	15	0.054 032	9.874 825	6	555	
446	9.820 801	8	9.945 984	16	0.054 016	9.874 818	7	554	
447	9.820 810	9	9.945 999	15	0.054 001	9.874 811	7	553	
448	9.820 819	9	9.946 014	15	0.053 986	9.874 805	6	552	
449	9.820 827	8	9.946 029	15	0.053 971	9.874 798	7	551	
		9		16			7		
.450	9.820 836		9.946 045		0.053 955	9.874 791		.550	
		9		16			7		
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.600 — 48°.550

41°.450 — 41°.500

41°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.820 836	8	9.946 045	15	0.053 955	9.874 791	7	.550	
451	9.820 844	9	9.946 060	15	0.053 940	9.874 784	6	549	
452	9.820 853	9	9.946 075	15	0.053 925	9.874 778	7	548	
453	9.820 862	8	9.946 090	16	0.053 910	9.874 771	7	547	
454	9.820 870	9	9.946 106	15	0.053 894	9.874 764	6	546	
455	9.820 879	8	9.946 121	15	0.053 879	9.874 758	7	545	
456	9.820 887	9	9.946 136	16	0.053 864	9.874 751	7	544	
457	9.820 896	8	9.946 152	15	0.053 848	9.874 744	6	543	
458	9.820 904	9	9.946 167	15	0.053 833	9.874 738	7	542	
459	9.820 913	9	9.946 182	15	0.053 818	9.874 731	7	541	
.460	9.820 922	8	9.946 197	16	0.053 803	9.874 724	6	.540	
461	9.820 930	9	9.946 213	15	0.053 787	9.874 718	7	539	
462	9.820 939	8	9.946 228	15	0.053 772	9.874 711	7	538	
463	9.820 947	9	9.946 243	16	0.053 757	9.874 704	7	537	
464	9.820 956	9	9.946 259	15	0.053 741	9.874 697	6	536	
465	9.820 965	8	9.946 274	15	0.053 726	9.874 691	7	535	
466	9.820 973	9	9.946 289	15	0.053 711	9.874 684	7	534	
467	9.820 982	8	9.946 304	16	0.053 696	9.874 677	6	533	
468	9.820 990	9	9.946 320	15	0.053 680	9.874 671	7	532	
469	9.820 999	8	9.946 335	15	0.053 665	9.874 664	7	531	
.470	9.821 007	9	9.946 350	15	0.053 650	9.874 657	6	.530	
471	9.821 016	9	9.946 365	16	0.053 635	9.874 651	7	529	
472	9.821 025	8	9.946 381	15	0.053 619	9.874 644	7	528	
473	9.821 033	9	9.946 396	15	0.053 604	9.874 637	7	527	
474	9.821 042	8	9.946 411	16	0.053 589	9.874 630	6	526	
475	9.821 050	9	9.946 427	15	0.053 573	9.874 624	7	525	
476	9.821 059	8	9.946 442	15	0.053 558	9.874 617	7	524	
477	9.821 067	9	9.946 457	15	0.053 543	9.874 610	6	523	
478	9.821 076	9	9.946 472	16	0.053 528	9.874 604	7	522	
479	9.821 085	8	9.946 488	15	0.053 512	9.874 597	7	521	
.480	9.821 093	9	9.946 503	15	0.053 497	9.874 590	6	.520	
481	9.821 102	8	9.946 518	15	0.053 482	9.874 584	7	519	
482	9.821 110	9	9.946 533	16	0.053 467	9.874 577	7	518	
483	9.821 119	8	9.946 549	15	0.053 451	9.874 570	7	517	
484	9.821 127	9	9.946 564	15	0.053 436	9.874 563	6	516	
485	9.821 136	9	9.946 579	16	0.053 421	9.874 557	7	515	
486	9.821 145	8	9.946 595	15	0.053 405	9.874 550	7	514	
487	9.821 153	9	9.946 610	15	0.053 390	9.874 543	6	513	
488	9.821 162	8	9.946 625	15	0.053 375	9.874 537	7	512	
489	9.821 170	9	9.946 640	16	0.053 360	9.874 530	7	511	
.490	9.821 179	8	9.946 656	15	0.053 344	9.874 523	7	.510	
491	9.821 187	9	9.946 671	15	0.053 329	9.874 516	6	509	
492	9.821 196	9	9.946 686	16	0.053 314	9.874 510	7	508	
493	9.821 205	8	9.946 702	15	0.053 298	9.874 503	7	507	
494	9.821 213	9	9.946 717	15	0.053 283	9.874 496	6	506	
495	9.821 222	8	9.946 732	15	0.053 268	9.874 490	7	505	
496	9.821 230	9	9.946 747	16	0.053 253	9.874 483	7	504	
497	9.821 239	8	9.946 763	15	0.053 237	9.874 476	6	503	
498	9.821 247	9	9.946 778	15	0.053 222	9.874 470	7	502	
499	9.821 256	9	9.946 793	15	0.053 207	9.874 463	7	501	
.500	9.821 265	9	9.946 808	15	0.053 192	9.874 456	7	.500	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.550 — 48°.500

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

41°.500 — 41°.550

41°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.821 265	8	9.946 808	16	0.053 192	9.874 456	7	.500	
501	9.821 273	9	9.946 824	15	0.053 176	9.874 449	6	499	
502	9.821 282	8	9.946 839	15	0.053 161	9.874 443	7	498	
503	9.821 290	9	9.946 854	16	0.053 146	9.874 436	7	497	
504	9.821 299	8	9.946 870	15	0.053 130	9.874 429	6	496	
505	9.821 307	9	9.946 885	15	0.053 115	9.874 423	7	495	
506	9.821 316	9	9.946 900	15	0.053 100	9.874 416	7	494	
507	9.821 325	8	9.946 915	16	0.053 085	9.874 409	7	493	
508	9.821 333	9	9.946 931	15	0.053 069	9.874 402	6	492	
509	9.821 342	8	9.946 946	15	0.053 054	9.874 396	7	491	
.510	9.821 350	9	9.946 961	15	0.053 039	9.874 389	7	.490	
511	9.821 359	8	9.946 976	16	0.053 024	9.874 382	6	489	
512	9.821 367	9	9.946 992	15	0.053 008	9.874 376	7	488	
513	9.821 376	8	9.947 007	15	0.052 993	9.874 369	7	487	
514	9.821 384	9	9.947 022	16	0.052 978	9.874 362	6	486	
515	9.821 393	9	9.947 038	15	0.052 962	9.874 356	7	485	
516	9.821 402	8	9.947 053	15	0.052 947	9.874 349	7	484	
517	9.821 410	9	9.947 068	16	0.052 932	9.874 342	6	483	
518	9.821 419	8	9.947 083	15	0.052 917	9.874 335	7	482	
519	9.821 427	9	9.947 099	16	0.052 901	9.874 329	6	481	
.520	9.821 436	8	9.947 114	15	0.052 886	9.874 322	7	.480	
521	9.821 444	9	9.947 129	15	0.052 871	9.874 315	6	479	
522	9.821 453	9	9.947 144	16	0.052 856	9.874 309	7	478	
523	9.821 462	8	9.947 160	15	0.052 840	9.874 302	7	477	
524	9.821 470	9	9.947 175	15	0.052 825	9.874 295	6	476	
525	9.821 479	8	9.947 190	16	0.052 810	9.874 288	7	475	
526	9.821 487	9	9.947 206	15	0.052 794	9.874 282	6	474	
527	9.821 496	8	9.947 221	15	0.052 779	9.874 275	7	473	
528	9.821 504	9	9.947 236	15	0.052 764	9.874 268	6	472	
529	9.821 513	8	9.947 251	16	0.052 749	9.874 262	7	471	
.530	9.821 521	9	9.947 267	15	0.052 733	9.874 255	7	.470	
531	9.821 530	9	9.947 282	15	0.052 718	9.874 248	6	469	
532	9.821 539	8	9.947 297	15	0.052 703	9.874 241	7	468	
533	9.821 547	9	9.947 312	16	0.052 688	9.874 235	6	467	
534	9.821 556	8	9.947 328	15	0.052 672	9.874 228	7	466	
535	9.821 564	9	9.947 343	15	0.052 657	9.874 221	6	465	
536	9.821 573	8	9.947 358	16	0.052 642	9.874 215	7	464	
537	9.821 581	9	9.947 374	15	0.052 626	9.874 208	6	463	
538	9.821 590	8	9.947 389	15	0.052 611	9.874 201	7	462	
539	9.821 598	9	9.947 404	15	0.052 596	9.874 194	6	461	
.540	9.821 607	9	9.947 419	16	0.052 581	9.874 188	7	.460	
541	9.821 616	8	9.947 435	15	0.052 565	9.874 181	6	459	
542	9.821 624	9	9.947 450	15	0.052 550	9.874 174	7	458	
543	9.821 633	8	9.947 465	15	0.052 535	9.874 168	6	457	
544	9.821 641	9	9.947 480	16	0.052 520	9.874 161	7	456	
545	9.821 650	8	9.947 496	15	0.052 504	9.874 154	6	455	
546	9.821 658	9	9.947 511	15	0.052 489	9.874 147	7	454	
547	9.821 667	8	9.947 526	15	0.052 474	9.874 141	6	453	
548	9.821 675	9	9.947 541	16	0.052 459	9.874 134	7	452	
549	9.821 684	9	9.947 557	15	0.052 443	9.874 127	6	451	
.550	9.821 693	9	9.947 572	15	0.052 428	9.874 121	7	.450	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.500 — 48°.450

41°.550 — 41°.600

41°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.821 693	8	9.947 572	15	0.052 428	9.874 121	7	.450	
551	9.821 701	9	9.947 587	16	0.052 413	9.874 114	7	449	
552	9.821 710	8	9.947 603	15	0.052 397	9.874 107	7	448	
553	9.821 718	9	9.947 618	15	0.052 382	9.874 100	7	447	
554	9.821 727	8	9.947 633	15	0.052 367	9.874 094	6	446	
555	9.821 735	9	9.947 648	15	0.052 352	9.874 087	7	445	
556	9.821 744	8	9.947 664	16	0.052 336	9.874 080	7	444	
557	9.821 752	8	9.947 679	15	0.052 321	9.874 074	6	443	
558	9.821 761	9	9.947 694	15	0.052 306	9.874 067	7	442	
559	9.821 770	9	9.947 709	15	0.052 291	9.874 060	7	441	
.560	9.821 778	8	9.947 725	16	0.052 275	9.874 053	7	.440	
561	9.821 787	9	9.947 740	15	0.052 260	9.874 047	6	439	
562	9.821 795	8	9.947 755	15	0.052 245	9.874 040	7	438	
563	9.821 804	9	9.947 771	16	0.052 229	9.874 033	7	437	
564	9.821 812	8	9.947 786	15	0.052 214	9.874 026	7	436	
565	9.821 821	9	9.947 801	15	0.052 199	9.874 020	6	435	
566	9.821 829	8	9.947 816	15	0.052 184	9.874 013	7	434	
567	9.821 838	9	9.947 832	16	0.052 168	9.874 006	7	433	
568	9.821 846	8	9.947 847	15	0.052 153	9.874 000	6	432	
569	9.821 855	9	9.947 862	15	0.052 138	9.873 993	7	431	
.570	9.821 864	9	9.947 877	15	0.052 123	9.873 986	7	.430	
571	9.821 872	8	9.947 893	16	0.052 107	9.873 979	7	429	
572	9.821 881	9	9.947 908	15	0.052 092	9.873 973	6	428	
573	9.821 889	8	9.947 923	15	0.052 077	9.873 966	7	427	
574	9.821 898	9	9.947 938	15	0.052 062	9.873 959	7	426	
575	9.821 906	8	9.947 954	16	0.052 046	9.873 953	6	425	
576	9.821 915	9	9.947 969	15	0.052 031	9.873 946	7	424	
577	9.821 923	8	9.947 984	15	0.052 016	9.873 939	7	423	
578	9.821 932	9	9.948 000	16	0.052 000	9.873 932	7	422	
579	9.821 940	8	9.948 015	15	0.051 985	9.873 926	6	421	
.580	9.821 949	9	9.948 030	15	0.051 970	9.873 919	7	.420	
581	9.821 958	9	9.948 045	15	0.051 955	9.873 912	7	419	
582	9.821 966	8	9.948 061	16	0.051 939	9.873 905	7	418	
583	9.821 975	9	9.948 076	15	0.051 924	9.873 899	6	417	
584	9.821 983	8	9.948 091	15	0.051 909	9.873 892	7	416	
585	9.821 992	9	9.948 106	15	0.051 894	9.873 885	7	415	
586	9.822 000	8	9.948 122	16	0.051 878	9.873 879	6	414	
587	9.822 009	9	9.948 137	15	0.051 863	9.873 872	7	413	
588	9.822 017	8	9.948 152	15	0.051 848	9.873 865	7	412	
589	9.822 026	9	9.948 168	16	0.051 832	9.873 858	7	411	
.590	9.822 034	8	9.948 183	15	0.051 817	9.873 852	6	.410	
591	9.822 043	9	9.948 198	15	0.051 802	9.873 845	7	409	
592	9.822 052	9	9.948 213	15	0.051 787	9.873 838	7	408	
593	9.822 060	8	9.948 229	16	0.051 771	9.873 831	7	407	
594	9.822 069	9	9.948 244	15	0.051 756	9.873 825	6	406	
595	9.822 077	8	9.948 259	15	0.051 741	9.873 818	7	405	
596	9.822 086	9	9.948 274	15	0.051 726	9.873 811	7	404	
597	9.822 094	8	9.948 290	16	0.051 710	9.873 805	6	403	
598	9.822 103	9	9.948 305	15	0.051 695	9.873 798	7	402	
599	9.822 111	8	9.948 320	15	0.051 680	9.873 791	7	401	
.600	9.822 120	9	9.948 335	15	0.051 665	9.873 784	7	.400	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.450 — 48°.400

41°.600 — 41°.650

41°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.822 120	8	9.948 335	16	0.051 665	9.873 784	6	.400	
601	9.822 128	9	9.948 351	15	0.051 649	9.873 778	7	399	
602	9.822 137	8	9.948 366	15	0.051 634	9.873 771	7	398	
603	9.822 145	9	9.948 381	16	0.051 619	9.873 764	7	397	
604	9.822 154	8	9.948 397	15	0.051 603	9.873 757	6	396	
605	9.822 162	9	9.948 412	15	0.051 588	9.873 751	7	395	
606	9.822 171	9	9.948 427	15	0.051 573	9.873 744	7	394	
607	9.822 180	8	9.948 442	16	0.051 558	9.873 737	6	393	
608	9.822 188	9	9.948 458	15	0.051 542	9.873 731	7	392	
609	9.822 197	8	9.948 473	15	0.051 527	9.873 724	7	391	
.610	9.822 205	9	9.948 488	15	0.051 512	9.873 717	7	.390	
611	9.822 214	8	9.948 503	16	0.051 497	9.873 710	6	389	
612	9.822 222	9	9.948 519	15	0.051 481	9.873 704	7	388	
613	9.822 231	8	9.948 534	15	0.051 466	9.873 697	7	387	
614	9.822 239	9	9.948 549	15	0.051 451	9.873 690	7	386	
615	9.822 248	8	9.948 564	16	0.051 436	9.873 683	6	385	
616	9.822 256	9	9.948 580	15	0.051 420	9.873 677	7	384	
617	9.822 265	8	9.948 595	15	0.051 405	9.873 670	7	383	
618	9.822 273	9	9.948 610	16	0.051 390	9.873 663	7	382	
619	9.822 282	9	9.948 626	15	0.051 374	9.873 656	6	381	
.620	9.822 291	8	9.948 641	15	0.051 359	9.873 650	7	.380	
621	9.822 299	9	9.948 656	15	0.051 344	9.873 643	7	379	
622	9.822 308	8	9.948 671	16	0.051 329	9.873 636	6	378	
623	9.822 316	9	9.948 687	15	0.051 313	9.873 630	7	377	
624	9.822 325	8	9.948 702	15	0.051 298	9.873 623	7	376	
625	9.822 333	9	9.948 717	15	0.051 283	9.873 616	7	375	
626	9.822 342	8	9.948 732	16	0.051 268	9.873 609	6	374	
627	9.822 350	9	9.948 748	15	0.051 252	9.873 603	7	373	
628	9.822 359	8	9.948 763	15	0.051 237	9.873 596	7	372	
629	9.822 367	9	9.948 778	15	0.051 222	9.873 589	7	371	
.630	9.822 376	8	9.948 793	16	0.051 207	9.873 582	6	.370	
631	9.822 384	9	9.948 809	15	0.051 191	9.873 576	7	369	
632	9.822 393	8	9.948 824	15	0.051 176	9.873 569	7	368	
633	9.822 401	9	9.948 839	16	0.051 161	9.873 562	7	367	
634	9.822 410	8	9.948 855	15	0.051 145	9.873 555	6	366	
635	9.822 418	9	9.948 870	15	0.051 130	9.873 549	7	365	
636	9.822 427	8	9.948 885	15	0.051 115	9.873 542	7	364	
637	9.822 435	9	9.948 900	16	0.051 100	9.873 535	7	363	
638	9.822 444	9	9.948 916	15	0.051 084	9.873 528	6	362	
639	9.822 453	8	9.948 931	15	0.051 069	9.873 522	7	361	
.640	9.822 461	9	9.948 946	15	0.051 054	9.873 515	7	.360	
641	9.822 470	8	9.948 961	16	0.051 039	9.873 508	7	359	
642	9.822 478	9	9.948 977	15	0.051 023	9.873 501	6	358	
643	9.822 487	8	9.948 992	15	0.051 008	9.873 495	7	357	
644	9.822 495	9	9.949 007	15	0.050 993	9.873 488	7	356	
645	9.822 504	8	9.949 022	16	0.050 978	9.873 481	6	355	
646	9.822 512	9	9.949 038	15	0.050 962	9.873 475	7	354	
647	9.822 521	8	9.949 053	15	0.050 947	9.873 468	7	353	
648	9.822 529	9	9.949 068	15	0.050 932	9.873 461	7	352	
649	9.822 538	8	9.949 083	16	0.050 917	9.873 454	6	351	
.650	9.822 546	9	9.949 099	15	0.050 901	9.873 448	7	.350	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.400 — 48°.350

41°.650 — 41°.700

41°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.822 546		9.949 099		0.050 901	9.873 448		.350	
651	9.822 555	9	9.949 114	15	0.050 886	9.873 441	7	349	
652	9.822 563	8	9.949 129	15	0.050 871	9.873 434	7	348	
653	9.822 572	9	9.949 145	16	0.050 855	9.873 427	7	347	
		8		15			6		
654	9.822 580		9.949 160		0.050 840	9.873 421		346	
655	9.822 589	9	9.949 175	15	0.050 825	9.873 414	7	345	
656	9.822 597	8	9.949 190	15	0.050 810	9.873 407	7	344	
		9		16			7		
657	9.822 606	8	9.949 206		0.050 794	9.873 400	6	343	
658	9.822 614		9.949 221		0.050 779	9.873 394		342	
659	9.822 623	9	9.949 236	15	0.050 764	9.873 387	7	341	
		9		15			7		
.660	9.822 632		9.949 251		0.050 749	9.873 380		.340	
		8		16			7		
661	9.822 640		9.949 267		0.050 733	9.873 373		339	
662	9.822 649	9	9.949 282	15	0.050 718	9.873 367	6	338	
663	9.822 657	8	9.949 297	15	0.050 703	9.873 360	7	337	
		9		15			7		
664	9.822 666		9.949 312		0.050 688	9.873 353		336	
665	9.822 674	8	9.949 328	16	0.050 672	9.873 346	7	335	
666	9.822 683	9	9.949 343	15	0.050 657	9.873 340	6	334	
		8		15			7		
667	9.822 691		9.949 358		0.050 642	9.873 333		333	
668	9.822 700	9	9.949 373	15	0.050 627	9.873 326	7	332	
669	9.822 708	8	9.949 389	16	0.050 611	9.873 319	7	331	
		9		15			6		
.670	9.822 717		9.949 404		0.050 596	9.873 313		.330	
		8		15			7		
671	9.822 725		9.949 419		0.050 581	9.873 306		329	
672	9.822 734	9	9.949 435	16	0.050 565	9.873 299	7	328	
673	9.822 742	8	9.949 450	15	0.050 550	9.873 292	7	327	
		9		15			6		
674	9.822 751		9.949 465		0.050 535	9.873 286		326	
675	9.822 759	8	9.949 480	15	0.050 520	9.873 279	7	325	
676	9.822 768	9	9.949 496	16	0.050 504	9.873 272	7	324	
		8		15			7		
677	9.822 776		9.949 511		0.050 489	9.873 265		323	
678	9.822 785	9	9.949 526	15	0.050 474	9.873 259	6	322	
679	9.822 793	8	9.949 541	15	0.050 459	9.873 252	7	321	
		9		16			7		
.680	9.822 802		9.949 557		0.050 443	9.873 245		.320	
		8		15			7		
681	9.822 810		9.949 572		0.050 428	9.873 238		319	
682	9.822 819	9	9.949 587	15	0.050 413	9.873 232	6	318	
683	9.822 827	8	9.949 602	15	0.050 398	9.873 225	7	317	
		9		16			7		
684	9.822 836		9.949 618		0.050 382	9.873 218		316	
685	9.822 844	8	9.949 633	15	0.050 367	9.873 211	7	315	
686	9.822 853	9	9.949 648	15	0.050 352	9.873 205	6	314	
		8		15			7		
687	9.822 861		9.949 663		0.050 337	9.873 198		313	
688	9.822 870	9	9.949 679	16	0.050 321	9.873 191	7	312	
689	9.822 878	8	9.949 694	15	0.050 306	9.873 184	7	311	
		9		15			6		
.690	9.822 887		9.949 709		0.050 291	9.873 178		.310	
		8		16			7		
691	9.822 895		9.949 725		0.050 275	9.873 171		309	
692	9.822 904	9	9.949 740	15	0.050 260	9.873 164	7	308	
693	9.822 912	8	9.949 755	15	0.050 245	9.873 157	7	307	
		9		15			6		
694	9.822 921		9.949 770		0.050 230	9.873 151		306	
695	9.822 930	9	9.949 786	16	0.050 214	9.873 144	7	305	
696	9.822 938	8	9.949 801	15	0.050 199	9.873 137	7	304	
		9		15			7		
697	9.822 947		9.949 816		0.050 184	9.873 130		303	
698	9.822 955	8	9.949 831	15	0.050 169	9.873 124	6	302	
699	9.822 964	9	9.949 847	16	0.050 153	9.873 117	7	301	
		8		15			7		
.700	9.822 972		9.949 862		0.050 138	9.873 110		.300	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.350 — 48°.300

41°.700 — 41°.750

41°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.822 972		9.949 862		0.050 138	9.873 110		.300	
701	9.822 981	9	9.949 877	15	0.050 123	9.873 103	7	299	
702	9.822 989	8	9.949 892	15	0.050 108	9.873 097	6	298	
703	9.822 998	9	9.949 908	16	0.050 092	9.873 090	7	297	
704	9.823 006	8	9.949 923	15	0.050 077	9.873 083	7	296	
705	9.823 015	9	9.949 938	15	0.050 062	9.873 076	7	295	
706	9.823 023	8	9.949 953	15	0.050 047	9.873 070	6	294	
707	9.823 032	9	9.949 969	16	0.050 031	9.873 063	7	293	
708	9.823 040	8	9.949 984	15	0.050 016	9.873 056	7	292	
709	9.823 049	9	9.949 999	15	0.050 001	9.873 049	7	291	
.710	9.823 057	8	9.950 014	15	0.049 986	9.873 043	6	.290	
711	9.823 066	9	9.950 030	16	0.049 970	9.873 036	7	289	
712	9.823 074	8	9.950 045	15	0.049 955	9.873 029	7	288	
713	9.823 083	9	9.950 060	15	0.049 940	9.873 022	7	287	
714	9.823 091	8	9.950 076	16	0.049 924	9.873 016	6	286	
715	9.823 100	9	9.950 091	15	0.049 909	9.873 009	7	285	
716	9.823 108	8	9.950 106	15	0.049 894	9.873 002	7	284	
717	9.823 117	9	9.950 121	15	0.049 879	9.872 995	7	283	
718	9.823 125	8	9.950 137	16	0.049 863	9.872 989	6	282	
719	9.823 134	9	9.950 152	15	0.049 848	9.872 982	7	281	
.720	9.823 142	8	9.950 167	15	0.049 833	9.872 975	7	.280	
721	9.823 151	9	9.950 182	15	0.049 818	9.872 968	7	279	
722	9.823 159	8	9.950 198	16	0.049 802	9.872 962	6	278	
723	9.823 168	9	9.950 213	15	0.049 787	9.872 955	7	277	
724	9.823 176	8	9.950 228	15	0.049 772	9.872 948	7	276	
725	9.823 185	9	9.950 243	15	0.049 757	9.872 941	7	275	
726	9.823 193	8	9.950 259	16	0.049 741	9.872 935	6	274	
727	9.823 202	9	9.950 274	15	0.049 726	9.872 928	7	273	
728	9.823 210	8	9.950 289	15	0.049 711	9.872 921	7	272	
729	9.823 219	9	9.950 304	15	0.049 696	9.872 914	7	271	
.730	9.823 227	8	9.950 320	16	0.049 680	9.872 907	7	.270	
731	9.823 236	9	9.950 335	15	0.049 665	9.872 901	6	269	
732	9.823 244	8	9.950 350	15	0.049 650	9.872 894	7	268	
733	9.823 253	9	9.950 365	15	0.049 635	9.872 887	7	267	
734	9.823 261	8	9.950 381	16	0.049 619	9.872 880	7	266	
735	9.823 270	9	9.950 396	15	0.049 604	9.872 874	6	265	
736	9.823 278	8	9.950 411	15	0.049 589	9.872 867	7	264	
737	9.823 287	9	9.950 426	15	0.049 574	9.872 860	7	263	
738	9.823 295	8	9.950 442	16	0.049 558	9.872 853	7	262	
739	9.823 304	9	9.950 457	15	0.049 543	9.872 847	6	261	
.740	9.823 312	8	9.950 472	15	0.049 528	9.872 840	7	.260	
741	9.823 321	9	9.950 488	16	0.049 512	9.872 833	7	259	
742	9.823 329	8	9.950 503	15	0.049 497	9.872 826	7	258	
743	9.823 338	9	9.950 518	15	0.049 482	9.872 820	6	257	
744	9.823 346	8	9.950 533	15	0.049 467	9.872 813	7	256	
745	9.823 355	9	9.950 549	16	0.049 451	9.872 806	7	255	
746	9.823 363	8	9.950 564	15	0.049 436	9.872 799	7	254	
747	9.823 372	9	9.950 579	15	0.049 421	9.872 793	6	253	
748	9.823 380	8	9.950 594	15	0.049 406	9.872 786	7	252	
749	9.823 389	9	9.950 610	16	0.049 390	9.872 779	7	251	
.750	9.823 397	8	9.950 625	15	0.049 375	9.872 772	7	.250	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.300 — 48°.250

41°.750 — 41°.800

41°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.823 397		9.950 625		0.049 375	9.872 772		.250	
751	9.823 406	9	9.950 640	15	0.049 360	9.872 765	7	249	
752	9.823 414	8	9.950 655	15	0.049 345	9.872 759	6	248	
753	9.823 423	9	9.950 671	16	0.049 329	9.872 752	7	247	
		8		15			7		
754	9.823 431	9	9.950 686	15	0.049 314	9.872 745	7	246	
755	9.823 440	8	9.950 701	15	0.049 299	9.872 738	6	245	
756	9.823 448	8	9.950 716	16	0.049 284	9.872 732	7	244	
		9		15			7		
757	9.823 456	9	9.950 732	15	0.049 268	9.872 725	7	243	
758	9.823 465	8	9.950 747	15	0.049 253	9.872 718	7	242	
759	9.823 473	8	9.950 762	15	0.049 238	9.872 711	7	241	
		9		15			6		
.760	9.823 482	8	9.950 777	16	0.049 223	9.872 705	7	.240	
761	9.823 490	9	9.950 793	15	0.049 207	9.872 698	7	239	
762	9.823 499	8	9.950 808	15	0.049 192	9.872 691	7	238	
763	9.823 507	9	9.950 823	15	0.049 177	9.872 684	7	237	
		9		15			7		
764	9.823 516	8	9.950 838	16	0.049 162	9.872 677	6	236	
765	9.823 524	9	9.950 854	15	0.049 146	9.872 671	7	235	
766	9.823 533	8	9.950 869	15	0.049 131	9.872 664	7	234	
		8		15			7		
767	9.823 541	9	9.950 884	15	0.049 116	9.872 657	7	233	
768	9.823 550	8	9.950 899	15	0.049 101	9.872 650	7	232	
769	9.823 558	8	9.950 915	16	0.049 085	9.872 644	6	231	
		9		15			7		
.770	9.823 567	8	9.950 930	15	0.049 070	9.872 637	7	.230	
771	9.823 575	9	9.950 945	15	0.049 055	9.872 630	7	229	
772	9.823 584	8	9.950 960	16	0.049 040	9.872 623	6	228	
773	9.823 592	9	9.950 976	15	0.049 024	9.872 617	7	227	
		9		15			7		
774	9.823 601	8	9.950 991	15	0.049 009	9.872 610	7	226	
775	9.823 609	9	9.951 006	16	0.048 994	9.872 603	7	225	
776	9.823 618	8	9.951 022	15	0.048 978	9.872 596	7	224	
		8		15			7		
777	9.823 626	9	9.951 037	15	0.048 963	9.872 589	6	223	
778	9.823 635	8	9.951 052	15	0.048 948	9.872 583	7	222	
779	9.823 643	8	9.951 067	15	0.048 933	9.872 576	7	221	
		9		16			7		
.780	9.823 652	8	9.951 083	15	0.048 917	9.872 569	7	.220	
781	9.823 660	9	9.951 098	15	0.048 902	9.872 562	6	219	
782	9.823 669	8	9.951 113	15	0.048 887	9.872 556	7	218	
783	9.823 677	9	9.951 128	16	0.048 872	9.872 549	7	217	
		8		15			7		
784	9.823 686	9	9.951 144	15	0.048 856	9.872 542	7	216	
785	9.823 694	8	9.951 159	15	0.048 841	9.872 535	6	215	
786	9.823 703	9	9.951 174	15	0.048 826	9.872 529	7	214	
		8		15			7		
787	9.823 711	9	9.951 189	16	0.048 811	9.872 522	7	213	
788	9.823 720	8	9.951 205	15	0.048 795	9.872 515	7	212	
789	9.823 728	8	9.951 220	15	0.048 780	9.872 508	7	211	
		9		15			7		
.790	9.823 737	8	9.951 235	15	0.048 765	9.872 501	6	.210	
791	9.823 745	8	9.951 250	16	0.048 750	9.872 495	7	209	
792	9.823 753	9	9.951 266	15	0.048 734	9.872 488	7	208	
793	9.823 762	8	9.951 281	15	0.048 719	9.872 481	7	207	
		8		15			7		
794	9.823 770	9	9.951 296	15	0.048 704	9.872 474	6	206	
795	9.823 779	8	9.951 311	16	0.048 689	9.872 468	7	205	
796	9.823 787	9	9.951 327	15	0.048 673	9.872 461	7	204	
		8		15			7		
797	9.823 796	9	9.951 342	15	0.048 658	9.872 454	7	203	
798	9.823 804	8	9.951 357	15	0.048 643	9.872 447	7	202	
799	9.823 813	9	9.951 372	15	0.048 628	9.872 440	7	201	
		8		16			6		
.800	9.823 821		9.951 388		0.048 612	9.872 434		.200	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.250 — 48°.200

41°.800 — 41°.850

41°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.823 821		9.951 388		0.048 612	9.872 434		.200	
801	9.823 830	9	9.951 403	15	0.048 597	9.872 427	7	199	
802	9.823 838	8	9.951 418	15	0.048 582	9.872 420	7	198	
803	9.823 847	9	9.951 433	15	0.048 567	9.872 413	7	197	
		8		16			6		
804	9.823 855		9.951 449		0.048 551	9.872 407		196	
805	9.823 864	9	9.951 464	15	0.048 536	9.872 400	7	195	
806	9.823 872	8	9.951 479	15	0.048 521	9.872 393	7	194	
		9		15			7		
807	9.823 881	8	9.951 494	16	0.048 506	9.872 386	7	193	
808	9.823 889	8	9.951 510	16	0.048 490	9.872 379	6	192	
809	9.823 898	9	9.951 525	15	0.048 475	9.872 373	6	191	
		8		15			7		
.810	9.823 906		9.951 540		0.048 460	9.872 366		.190	
		9		15			7		
811	9.823 915	8	9.951 555	16	0.048 445	9.872 359	7	189	
812	9.823 923	8	9.951 571	16	0.048 429	9.872 352	7	188	
813	9.823 931	8	9.951 586	15	0.048 414	9.872 346	6	187	
		9		15			7		
814	9.823 940	9	9.951 601	15	0.048 399	9.872 339	7	186	
815	9.823 948	8	9.951 616	15	0.048 384	9.872 332	7	185	
816	9.823 957	9	9.951 632	16	0.048 368	9.872 325	7	184	
		8		15			7		
817	9.823 965		9.951 647		0.048 353	9.872 318		183	
818	9.823 974	9	9.951 662	15	0.048 338	9.872 312	6	182	
819	9.823 982	8	9.951 677	15	0.048 323	9.872 305	7	181	
		9		16			7		
.820	9.823 991		9.951 693		0.048 307	9.872 298		.180	
		8		15			7		
821	9.823 999		9.951 708		0.048 292	9.872 291		179	
822	9.824 008	9	9.951 723	15	0.048 277	9.872 285	6	178	
823	9.824 016	8	9.951 738	15	0.048 262	9.872 278	7	177	
		9		16			7		
824	9.824 025	8	9.951 754	15	0.048 246	9.872 271	7	176	
825	9.824 033	8	9.951 769	15	0.048 231	9.872 264	7	175	
826	9.824 042	9	9.951 784	15	0.048 216	9.872 257	7	174	
		8		16			6		
827	9.824 050		9.951 800		0.048 200	9.872 251		173	
828	9.824 059	9	9.951 815	15	0.048 185	9.872 244	7	172	
829	9.824 067	8	9.951 830	15	0.048 170	9.872 237	7	171	
		9		15			7		
.830	9.824 076		9.951 845		0.048 155	9.872 230		.170	
		8		16			7		
831	9.824 084	8	9.951 861	15	0.048 139	9.872 223	6	169	
832	9.824 092	9	9.951 876	15	0.048 124	9.872 217	7	168	
833	9.824 101	8	9.951 891	15	0.048 109	9.872 210	7	167	
		8		15			7		
834	9.824 109	9	9.951 906	16	0.048 094	9.872 203	7	166	
835	9.824 118	8	9.951 922	15	0.048 078	9.872 196	6	165	
836	9.824 126		9.951 937		0.048 063	9.872 190		164	
		9		15			7		
837	9.824 135	8	9.951 952	15	0.048 048	9.872 183	7	163	
838	9.824 143	9	9.951 967	16	0.048 033	9.872 176	7	162	
839	9.824 152	8	9.951 983	15	0.048 017	9.872 169	7	161	
		9		15			7		
.840	9.824 160		9.951 998		0.048 002	9.872 162		.160	
		9		15			6		
841	9.824 169	8	9.952 013	15	0.047 987	9.872 156	7	159	
842	9.824 177	9	9.952 028	16	0.047 972	9.872 149	7	158	
843	9.824 186	8	9.952 044	15	0.047 956	9.872 142	7	157	
		8		15			7		
844	9.824 194	9	9.952 059	15	0.047 941	9.872 135	7	156	
845	9.824 203	8	9.952 074	15	0.047 926	9.872 128	7	155	
846	9.824 211	8	9.952 089	15	0.047 911	9.872 122	6	154	
		8		16			7		
847	9.824 219		9.952 105		0.047 895	9.872 115		153	
848	9.824 228	9	9.952 120	15	0.047 880	9.872 108	7	152	
849	9.824 236	8	9.952 135	15	0.047 865	9.872 101	7	151	
		9		15			6		
.850	9.824 245		9.952 150		0.047 850	9.872 095		.150	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.200 — 48°.150

41°.850 — 41°.900

41°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.824 245	8	9.952 150	16	0.047 850	9.872 095	7	.150	
851	9.824 253	9	9.952 166	15	0.047 834	9.872 088	7	149	
852	9.824 262	8	9.952 181	15	0.047 819	9.872 081	7	148	
853	9.824 270	9	9.952 196	15	0.047 804	9.872 074	7	147	
854	9.824 279	8	9.952 211	16	0.047 789	9.872 067	6	146	
855	9.824 287	9	9.952 227	15	0.047 773	9.872 061	7	145	
856	9.824 296	8	9.952 242	15	0.047 758	9.872 054	7	144	
857	9.824 304	9	9.952 257	15	0.047 743	9.872 047	7	143	
858	9.824 313	8	9.952 272	16	0.047 728	9.872 040	7	142	
859	9.824 321	8	9.952 288	15	0.047 712	9.872 033	6	141	
.860	9.824 329	9	9.952 303	15	0.047 697	9.872 027	7	.140	
861	9.824 338	8	9.952 318	15	0.047 682	9.872 020	7	139	
862	9.824 346	9	9.952 333	16	0.047 667	9.872 013	7	138	
863	9.824 355	8	9.952 349	15	0.047 651	9.872 006	7	137	
864	9.824 363	9	9.952 364	15	0.047 636	9.871 999	7	136	
865	9.824 372	8	9.952 379	15	0.047 621	9.871 993	6	135	
866	9.824 380	9	9.952 394	16	0.047 606	9.871 986	7	134	
867	9.824 389	8	9.952 410	15	0.047 590	9.871 979	7	133	
868	9.824 397	9	9.952 425	15	0.047 575	9.871 972	7	132	
869	9.824 406	8	9.952 440	15	0.047 560	9.871 965	6	131	
.870	9.824 414	9	9.952 455	16	0.047 545	9.871 959	7	.130	
871	9.824 422	8	9.952 471	15	0.047 529	9.871 952	7	129	
872	9.824 431	9	9.952 486	15	0.047 514	9.871 945	7	128	
873	9.824 439	8	9.952 501	15	0.047 499	9.871 938	6	127	
874	9.824 448	9	9.952 516	16	0.047 484	9.871 932	7	126	
875	9.824 456	8	9.952 532	15	0.047 468	9.871 925	7	125	
876	9.824 465	9	9.952 547	15	0.047 453	9.871 918	7	124	
877	9.824 473	8	9.952 562	15	0.047 438	9.871 911	7	123	
878	9.824 482	9	9.952 577	16	0.047 423	9.871 904	6	122	
879	9.824 490	8	9.952 593	15	0.047 407	9.871 898	7	121	
.880	9.824 499	9	9.952 608	15	0.047 392	9.871 891	7	.120	
881	9.824 507	8	9.952 623	15	0.047 377	9.871 884	7	119	
882	9.824 515	9	9.952 638	16	0.047 362	9.871 877	7	118	
883	9.824 524	8	9.952 654	15	0.047 346	9.871 870	6	117	
884	9.824 532	9	9.952 669	15	0.047 331	9.871 864	7	116	
885	9.824 541	8	9.952 684	15	0.047 316	9.871 857	7	115	
886	9.824 549	9	9.952 699	16	0.047 301	9.871 850	7	114	
887	9.824 558	8	9.952 715	15	0.047 285	9.871 843	7	113	
888	9.824 566	9	9.952 730	15	0.047 270	9.871 836	6	112	
889	9.824 575	8	9.952 745	15	0.047 255	9.871 830	7	111	
.890	9.824 583	9	9.952 760	16	0.047 240	9.871 823	7	.110	
891	9.824 592	8	9.952 776	15	0.047 224	9.871 816	7	109	
892	9.824 600	9	9.952 791	15	0.047 209	9.871 809	7	108	
893	9.824 608	8	9.952 806	15	0.047 194	9.871 802	6	107	
894	9.824 617	9	9.952 821	16	0.047 179	9.871 796	7	106	
895	9.824 625	8	9.952 837	15	0.047 163	9.871 789	7	105	
896	9.824 634	9	9.952 852	15	0.047 148	9.871 782	7	104	
897	9.824 642	8	9.952 867	15	0.047 133	9.871 775	7	103	
898	9.824 651	9	9.952 882	16	0.047 118	9.871 768	6	102	
899	9.824 659	8	9.952 898	15	0.047 102	9.871 762	7	101	
.900	9.824 668	9	9.952 913	15	0.047 087	9.871 755	7	.100	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

48°.150 — 48°.100

41°.900 — 41°.950

41°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.824 668	8	9.952 913	15	0.047 087	9.871 755	7	.100	
901	9.824 676	8	9.952 928	15	0.047 072	9.871 748	7	099	
902	9.824 684	9	9.952 943	16	0.047 057	9.871 741	7	098	
903	9.824 693	8	9.952 959	15	0.047 041	9.871 734	6	097	
904	9.824 701	9	9.952 974	15	0.047 026	9.871 728	7	096	
905	9.824 710	8	9.952 989	15	0.047 011	9.871 721	7	095	
906	9.824 718	9	9.953 004	16	0.046 996	9.871 714	7	094	
907	9.824 727	8	9.953 020	15	0.046 980	9.871 707	7	093	
908	9.824 735	9	9.953 035	15	0.046 965	9.871 700	6	092	
909	9.824 744	8	9.953 050	15	0.046 950	9.871 694	7	091	
.910	9.824 752	8	9.953 065	16	0.046 935	9.871 687	7	.090	
911	9.824 760	9	9.953 081	15	0.046 919	9.871 680	7	089	
912	9.824 769	8	9.953 096	15	0.046 904	9.871 673	7	088	
913	9.824 777	9	9.953 111	15	0.046 889	9.871 666	6	087	
914	9.824 786	8	9.953 126	16	0.046 874	9.871 660	7	086	
915	9.824 794	9	9.953 142	15	0.046 858	9.871 653	7	085	
916	9.824 803	8	9.953 157	15	0.046 843	9.871 646	7	084	
917	9.824 811	9	9.953 172	15	0.046 828	9.871 639	7	083	
918	9.824 820	8	9.953 187	16	0.046 813	9.871 632	7	082	
919	9.824 828	9	9.953 203	15	0.046 797	9.871 625	6	081	
.920	9.824 836	9	9.953 218	15	0.046 782	9.871 619	7	.080	
921	9.824 845	8	9.953 233	15	0.046 767	9.871 612	7	079	
922	9.824 853	9	9.953 248	16	0.046 752	9.871 605	7	078	
923	9.824 862	8	9.953 264	15	0.046 736	9.871 598	7	077	
924	9.824 870	9	9.953 279	15	0.046 721	9.871 591	6	076	
925	9.824 879	8	9.953 294	15	0.046 706	9.871 585	7	075	
926	9.824 887	9	9.953 309	16	0.046 691	9.871 578	7	074	
927	9.824 896	8	9.953 325	15	0.046 675	9.871 571	7	073	
928	9.824 904	9	9.953 340	15	0.046 660	9.871 564	7	072	
929	9.824 912	8	9.953 355	15	0.046 645	9.871 557	6	071	
.930	9.824 921	8	9.953 370	16	0.046 630	9.871 551	7	.070	
931	9.824 929	9	9.953 386	15	0.046 614	9.871 544	7	069	
932	9.824 938	8	9.953 401	15	0.046 599	9.871 537	7	068	
933	9.824 946	9	9.953 416	15	0.046 584	9.871 530	7	067	
934	9.824 955	8	9.953 431	16	0.046 569	9.871 523	6	066	
935	9.824 963	9	9.953 447	15	0.046 553	9.871 517	7	065	
936	9.824 972	8	9.953 462	15	0.046 538	9.871 510	7	064	
937	9.824 980	9	9.953 477	15	0.046 523	9.871 503	7	063	
938	9.824 988	8	9.953 492	15	0.046 508	9.871 496	7	062	
939	9.824 997	9	9.953 507	16	0.046 493	9.871 489	6	061	
.940	9.825 005	9	9.953 523	15	0.046 477	9.871 483	7	.060	
941	9.825 014	8	9.953 538	15	0.046 462	9.871 476	7	059	
942	9.825 022	9	9.953 553	15	0.046 447	9.871 469	7	058	
943	9.825 031	8	9.953 568	16	0.046 432	9.871 462	7	057	
944	9.825 039	9	9.953 584	15	0.046 416	9.871 455	7	056	
945	9.825 047	8	9.953 599	15	0.046 401	9.871 448	7	055	
946	9.825 056	9	9.953 614	15	0.046 386	9.871 442	6	054	
947	9.825 064	8	9.953 629	16	0.046 371	9.871 435	7	053	
948	9.825 073	9	9.953 645	15	0.046 355	9.871 428	7	052	
949	9.825 081	8	9.953 660	15	0.046 340	9.871 421	7	051	
.950	9.825 090	9	9.953 675	15	0.046 325	9.871 414	7	.050	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

48°.100 — 48°.050

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

41°.950 — 42°.000

41°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.825 090	8	9.953 675	15	0.046 325	9.871 414	6	.050	
951	9.825 098	8	9.953 690	15	0.046 310	9.871 408	6	049	
952	9.825 106	8	9.953 706	16	0.046 294	9.871 401	7	048	
953	9.825 115	9	9.953 721	15	0.046 279	9.871 394	7	047	
		8		15			7		
954	9.825 123	9	9.953 736	15	0.046 264	9.871 387	7	046	
955	9.825 132	8	9.953 751	15	0.046 249	9.871 380	7	045	
956	9.825 140	8	9.953 767	16	0.046 233	9.871 374	6	044	
		9		15			7		
957	9.825 149	8	9.953 782	15	0.046 218	9.871 367	7	043	
958	9.825 157	8	9.953 797	15	0.046 203	9.871 360	7	042	
959	9.825 165	8	9.953 812	15	0.046 188	9.871 353	7	041	
		9		16			7		
.960	9.825 174	8	9.953 828	15	0.046 172	9.871 346	7	.040	
961	9.825 182	9	9.953 843	15	0.046 157	9.871 339	7	039	
962	9.825 191	9	9.953 858	15	0.046 142	9.871 333	6	038	
963	9.825 199	8	9.953 873	15	0.046 127	9.871 326	7	037	
		9		16			7		
964	9.825 208	8	9.953 889	15	0.046 111	9.871 319	7	036	
965	9.825 216	8	9.953 904	15	0.046 096	9.871 312	7	035	
966	9.825 225	9	9.953 919	15	0.046 081	9.871 305	7	034	
		8		15			6		
967	9.825 233	8	9.953 934	16	0.046 066	9.871 299	7	033	
968	9.825 241	8	9.953 950	16	0.046 050	9.871 292	7	032	
969	9.825 250	9	9.953 965	15	0.046 035	9.871 285	7	031	
		8		15			7		
.970	9.825 258	9	9.953 980	15	0.046 020	9.871 278	7	.030	
971	9.825 267	8	9.953 995	15	0.046 005	9.871 271	7	029	
972	9.825 275	8	9.954 011	16	0.045 989	9.871 264	7	028	
973	9.825 283	8	9.954 026	15	0.045 974	9.871 258	6	027	
		9		15			7		
974	9.825 292	8	9.954 041	15	0.045 959	9.871 251	7	026	
975	9.825 300	8	9.954 056	15	0.045 944	9.871 244	7	025	
976	9.825 309	9	9.954 072	16	0.045 928	9.871 237	7	024	
		8		15			7		
977	9.825 317	9	9.954 087	15	0.045 913	9.871 230	6	023	
978	9.825 326	8	9.954 102	15	0.045 898	9.871 224	7	022	
979	9.825 334	8	9.954 117	15	0.045 883	9.871 217	7	021	
		8		16			7		
.980	9.825 342	9	9.954 133	15	0.045 867	9.871 210	7	.020	
981	9.825 351	8	9.954 148	15	0.045 852	9.871 203	7	019	
982	9.825 359	9	9.954 163	15	0.045 837	9.871 196	7	018	
983	9.825 368	8	9.954 178	15	0.045 822	9.871 189	7	017	
		8		16			6		
984	9.825 376	9	9.954 194	15	0.045 806	9.871 183	7	016	
985	9.825 385	8	9.954 209	15	0.045 791	9.871 176	7	015	
986	9.825 393	8	9.954 224	15	0.045 776	9.871 169	7	014	
		8		15			7		
987	9.825 401	9	9.954 239	16	0.045 761	9.871 162	7	013	
988	9.825 410	8	9.954 255	15	0.045 745	9.871 155	6	012	
989	9.825 418	8	9.954 270	15	0.045 730	9.871 149	7	011	
		9		15			7		
.990	9.825 427	8	9.954 285	15	0.045 715	9.871 142	7	.010	
991	9.825 435	9	9.954 300	15	0.045 700	9.871 135	7	009	
992	9.825 444	8	9.954 315	15	0.045 685	9.871 128	7	008	
993	9.825 452	8	9.954 331	16	0.045 669	9.871 121	7	007	
		8		15			7		
994	9.825 460	9	9.954 346	15	0.045 654	9.871 114	6	006	
995	9.825 469	8	9.954 361	15	0.045 639	9.871 108	7	005	
996	9.825 477	8	9.954 376	15	0.045 624	9.871 101	7	004	
		9		16			7		
997	9.825 486	8	9.954 392	15	0.045 608	9.871 094	7	003	
998	9.825 494	8	9.954 407	15	0.045 593	9.871 087	7	002	
999	9.825 502	8	9.954 422	15	0.045 578	9.871 080	7	001	
		9		15			7		
*.000	9.825 511	9	9.954 437	15	0.045 563	9.871 073	7	.000	
	cos	d	cotg	d	tang	sin	d	48°	P.P.

42°.000 — 42°.050

42°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.825 511	8	9.954 437	16	0.045 563	9.871 073	6	*.000	
001	9.825 519	8	9.954 453	15	0.045 547	9.871 067	7	999	
002	9.825 528	8	9.954 468	15	0.045 532	9.871 060	7	998	
003	9.825 536	9	9.954 483	15	0.045 517	9.871 053	7	997	
004	9.825 545	8	9.954 498	16	0.045 502	9.871 046	7	996	
005	9.825 553	8	9.954 514	15	0.045 486	9.871 039	6	995	
006	9.825 561	9	9.954 529	15	0.045 471	9.871 033	7	994	
007	9.825 570	8	9.954 544	15	0.045 456	9.871 026	7	993	
008	9.825 578	9	9.954 559	16	0.045 441	9.871 019	7	992	
009	9.825 587	8	9.954 575	15	0.045 425	9.871 012	7	991	
.010	9.825 595	8	9.954 590	15	0.045 410	9.871 005	7	.990	
011	9.825 603	9	9.954 605	15	0.045 395	9.870 998	7	989	
012	9.825 612	8	9.954 620	16	0.045 380	9.870 992	6	988	
013	9.825 620	9	9.954 636	15	0.045 364	9.870 985	7	987	
014	9.825 629	8	9.954 651	15	0.045 349	9.870 978	7	986	
015	9.825 637	9	9.954 666	15	0.045 334	9.870 971	7	985	
016	9.825 646	8	9.954 681	16	0.045 319	9.870 964	7	984	
017	9.825 654	8	9.954 697	15	0.045 303	9.870 957	7	983	
018	9.825 662	9	9.954 712	15	0.045 288	9.870 951	6	982	
019	9.825 671	8	9.954 727	15	0.045 273	9.870 944	7	981	
.020	9.825 679	9	9.954 742	16	0.045 258	9.870 937	7	.980	
021	9.825 688	8	9.954 758	15	0.045 242	9.870 930	7	979	
022	9.825 696	8	9.954 773	15	0.045 227	9.870 923	7	978	
023	9.825 704	9	9.954 788	15	0.045 212	9.870 916	7	977	
024	9.825 713	8	9.954 803	16	0.045 197	9.870 910	6	976	
025	9.825 721	9	9.954 819	15	0.045 181	9.870 903	7	975	
026	9.825 730	8	9.954 834	15	0.045 166	9.870 896	7	974	
027	9.825 738	8	9.954 849	15	0.045 151	9.870 889	7	973	
028	9.825 746	9	9.954 864	15	0.045 136	9.870 882	7	972	
029	9.825 755	8	9.954 879	16	0.045 121	9.870 875	7	971	
.030	9.825 763	9	9.954 895	15	0.045 105	9.870 869	6	.970	
031	9.825 772	8	9.954 910	15	0.045 090	9.870 862	7	969	
032	9.825 780	9	9.954 925	15	0.045 075	9.870 855	7	968	
033	9.825 789	8	9.954 940	16	0.045 060	9.870 848	7	967	
034	9.825 797	8	9.954 956	15	0.045 044	9.870 841	7	966	
035	9.825 805	9	9.954 971	15	0.045 029	9.870 834	6	965	
036	9.825 814	8	9.954 986	15	0.045 014	9.870 828	7	964	
037	9.825 822	9	9.955 001	16	0.044 999	9.870 821	7	963	
038	9.825 831	8	9.955 017	15	0.044 983	9.870 814	7	962	
039	9.825 839	8	9.955 032	15	0.044 968	9.870 807	7	961	
.040	9.825 847	9	9.955 047	15	0.044 953	9.870 800	7	.960	
041	9.825 856	8	9.955 062	16	0.044 938	9.870 793	7	959	
042	9.825 864	9	9.955 078	15	0.044 922	9.870 787	6	958	
043	9.825 873	8	9.955 093	15	0.044 907	9.870 780	7	957	
044	9.825 881	8	9.955 108	15	0.044 892	9.870 773	7	956	
045	9.825 889	9	9.955 123	16	0.044 877	9.870 766	7	955	
046	9.825 898	8	9.955 139	15	0.044 861	9.870 759	7	954	
047	9.825 906	9	9.955 154	15	0.044 846	9.870 752	7	953	
048	9.825 915	8	9.955 169	15	0.044 831	9.870 746	6	952	
049	9.825 923	8	9.955 184	16	0.044 816	9.870 739	7	951	
.050	9.825 931	8	9.955 200	16	0.044 800	9.870 732	7	.950	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

42°.050 — 42°.100

42°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.825 931		9.955 200		0.044 800	9.870 732		.950	
051	9.825 940	9	9.955 215	15	0.044 785	9.870 725	7	949	
052	9.825 948	8	9.955 230	15	0.044 770	9.870 718	7	948	
053	9.825 957	9	9.955 245	15	0.044 755	9.870 711	7	947	
		8		15			6		
054	9.825 965	8	9.955 260	16	0.044 740	9.870 705	7	946	
055	9.825 973	9	9.955 276	15	0.044 724	9.870 698	7	945	
056	9.825 982	8	9.955 291	15	0.044 709	9.870 691	7	944	
		9		15			7		
057	9.825 990	9	9.955 306	15	0.044 694	9.870 684	7	943	
058	9.825 999	8	9.955 321	16	0.044 679	9.870 677	7	942	
059	9.826 007	8	9.955 337	15	0.044 663	9.870 670	7	941	
		8		15			6		
.060	9.826 015		9.955 352		0.044 648	9.870 664		.940	
		9		15			7		
061	9.826 024	8	9.955 367	15	0.044 633	9.870 657	7	939	
062	9.826 032	9	9.955 382	15	0.044 618	9.870 650	7	938	
063	9.826 041	9	9.955 398	16	0.044 602	9.870 643	7	937	
		8		15			7		
064	9.826 049	8	9.955 413	15	0.044 587	9.870 636	7	936	
065	9.826 057	8	9.955 428	15	0.044 572	9.870 629	7	935	
066	9.826 066	9	9.955 443	15	0.044 557	9.870 622	7	934	
		8		16			6		
067	9.826 074	9	9.955 459	15	0.044 541	9.870 616	7	933	
068	9.826 083	9	9.955 474	15	0.044 526	9.870 609	7	932	
069	9.826 091	8	9.955 489	15	0.044 511	9.870 602	7	931	
		8		15			7		
.070	9.826 099		9.955 504		0.044 496	9.870 595		.930	
		9		16			7		
071	9.826 108	8	9.955 520	15	0.044 480	9.870 588	7	929	
072	9.826 116	9	9.955 535	15	0.044 465	9.870 581	7	928	
073	9.826 125	9	9.955 550	15	0.044 450	9.870 575	6	927	
		8		15			7		
074	9.826 133	8	9.955 565	16	0.044 435	9.870 568	7	926	
075	9.826 141	8	9.955 581	16	0.044 419	9.870 561	7	925	
076	9.826 150	9	9.955 596	15	0.044 404	9.870 554	7	924	
		8		15			7		
077	9.826 158	9	9.955 611	15	0.044 389	9.870 547	7	923	
078	9.826 167	9	9.955 626	15	0.044 374	9.870 540	7	922	
079	9.826 175	8	9.955 641	15	0.044 359	9.870 534	6	921	
		8		16			7		
.080	9.826 183		9.955 657		0.044 343	9.870 527		.920	
		9		15			7		
081	9.826 192	8	9.955 672	15	0.044 328	9.870 520	7	919	
082	9.826 200	9	9.955 687	15	0.044 313	9.870 513	7	918	
083	9.826 209	8	9.955 702	15	0.044 298	9.870 506	7	917	
		8		16			7		
084	9.826 217	8	9.955 718	15	0.044 282	9.870 499	7	916	
085	9.826 225	9	9.955 733	15	0.044 267	9.870 492	7	915	
086	9.826 234	9	9.955 748	15	0.044 252	9.870 486	6	914	
		8		15			7		
087	9.826 242	9	9.955 763	16	0.044 237	9.870 479	7	913	
088	9.826 251	8	9.955 779	15	0.044 221	9.870 472	7	912	
089	9.826 259	8	9.955 794	15	0.044 206	9.870 465	7	911	
		8		15			7		
.090	9.826 267		9.955 809		0.044 191	9.870 458		.910	
		9		15			7		
091	9.826 276	8	9.955 824	15	0.044 176	9.870 451	7	909	
092	9.826 284	9	9.955 840	16	0.044 160	9.870 445	6	908	
093	9.826 293	9	9.955 855	15	0.044 145	9.870 438	7	907	
		8		15			7		
094	9.826 301	8	9.955 870	15	0.044 130	9.870 431	7	906	
095	9.826 309	8	9.955 885	15	0.044 115	9.870 424	7	905	
096	9.826 318	9	9.955 901	16	0.044 099	9.870 417	7	904	
		8		15			7		
097	9.826 326	8	9.955 916	15	0.044 084	9.870 410	7	903	
098	9.826 334	8	9.955 931	15	0.044 069	9.870 403	7	902	
099	9.826 343	9	9.955 946	15	0.044 054	9.870 397	6	901	
		8		15			7		
.100	9.826 351		9.955 961		0.044 039	9.870 390		.900	
		8		15			7		
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.950 — 47°.900

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.100 — 42°.150

42°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.826 351		9.955 961		0.044 039	9.870 390		.900	
101	9.826 360	9	9.955 977	16	0.044 023	9.870 383	7	899	
102	9.826 368	8	9.955 992	15	0.044 008	9.870 376	7	898	
103	9.826 376	8	9.956 007	15	0.043 993	9.870 369	7	897	
104	9.826 385	9	9.956 022	15	0.043 978	9.870 362	7	896	
105	9.826 393	8	9.956 038	16	0.043 962	9.870 356	6	895	
106	9.826 402	9	9.956 053	15	0.043 947	9.870 349	7	894	
107	9.826 410	8	9.956 068	15	0.043 932	9.870 342	7	893	
108	9.826 418	8	9.956 083	15	0.043 917	9.870 335	7	892	
109	9.826 427	9	9.956 099	16	0.043 901	9.870 328	7	891	
.110	9.826 435	8	9.956 114	15	0.043 886	9.870 321	7	.890	
111	9.826 444	9	9.956 129	15	0.043 871	9.870 314	7	889	
112	9.826 452	8	9.956 144	15	0.043 856	9.870 308	6	888	
113	9.826 460	8	9.956 160	16	0.043 840	9.870 301	7	887	
114	9.826 469	9	9.956 175	15	0.043 825	9.870 294	7	886	
115	9.826 477	8	9.956 190	15	0.043 810	9.870 287	7	885	
116	9.826 485	8	9.956 205	15	0.043 795	9.870 280	7	884	
117	9.826 494	9	9.956 221	16	0.043 779	9.870 273	7	883	
118	9.826 502	8	9.956 236	15	0.043 764	9.870 266	7	882	
119	9.826 511	9	9.956 251	15	0.043 749	9.870 260	6	881	
.120	9.826 519	8	9.956 266	15	0.043 734	9.870 253	7	.880	
121	9.826 527	8	9.956 281	15	0.043 719	9.870 246	7	879	
122	9.826 536	9	9.956 297	16	0.043 703	9.870 239	7	878	
123	9.826 544	8	9.956 312	15	0.043 688	9.870 232	7	877	
124	9.826 552	8	9.956 327	15	0.043 673	9.870 225	7	876	
125	9.826 561	9	9.956 342	15	0.043 658	9.870 218	7	875	
126	9.826 569	8	9.956 358	16	0.043 642	9.870 212	6	874	
127	9.826 578	9	9.956 373	15	0.043 627	9.870 205	7	873	
128	9.826 586	8	9.956 388	15	0.043 612	9.870 198	7	872	
129	9.826 594	8	9.956 403	15	0.043 597	9.870 191	7	871	
.130	9.826 603	9	9.956 419	16	0.043 581	9.870 184	7	.870	
131	9.826 611	8	9.956 434	15	0.043 566	9.870 177	7	869	
132	9.826 620	9	9.956 449	15	0.043 551	9.870 170	7	868	
133	9.826 628	8	9.956 464	15	0.043 536	9.870 164	6	867	
134	9.826 636	8	9.956 480	16	0.043 520	9.870 157	7	866	
135	9.826 645	9	9.956 495	15	0.043 505	9.870 150	7	865	
136	9.826 653	8	9.956 510	15	0.043 490	9.870 143	7	864	
137	9.826 661	8	9.956 525	15	0.043 475	9.870 136	7	863	
138	9.826 670	9	9.956 540	15	0.043 460	9.870 129	7	862	
139	9.826 678	8	9.956 556	16	0.043 444	9.870 122	7	861	
.140	9.826 687	9	9.956 571	15	0.043 429	9.870 116	6	.860	
141	9.826 695	8	9.956 586	15	0.043 414	9.870 109	7	859	
142	9.826 703	8	9.956 601	15	0.043 399	9.870 102	7	858	
143	9.826 712	9	9.956 617	16	0.043 383	9.870 095	7	857	
144	9.826 720	8	9.956 632	15	0.043 368	9.870 088	7	856	
145	9.826 728	8	9.956 647	15	0.043 353	9.870 081	7	855	
146	9.826 737	9	9.956 662	15	0.043 338	9.870 074	7	854	
147	9.826 745	8	9.956 678	16	0.043 322	9.870 068	6	853	
148	9.826 754	8	9.956 693	15	0.043 307	9.870 061	7	852	
149	9.826 762	8	9.956 708	15	0.043 292	9.870 054	7	851	
.150	9.826 770	8	9.956 723	15	0.043 277	9.870 047	7	.850	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.900 — 47°.850

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.150 — 42°.200

42°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.826 770		9.956 723		0.043 277	9.870 047		.850	
151	9.826 779	9	9.956 739	16	0.043 261	9.870 040	7	849	
152	9.826 787	8	9.956 754	15	0.043 246	9.870 033	7	848	
153	9.826 795	8	9.956 769	15	0.043 231	9.870 026	7	847	
154	9.826 804	9	9.956 784	15	0.043 216	9.870 020	6	846	
155	9.826 812	8	9.956 799	15	0.043 201	9.870 013	7	845	
156	9.826 821	9	9.956 815	16	0.043 185	9.870 006	7	844	
157	9.826 829	8	9.956 830	15	0.043 170	9.869 999	7	843	
158	9.826 837	8	9.956 845	15	0.043 155	9.869 992	7	842	
159	9.826 846	9	9.956 860	15	0.043 140	9.869 985	7	841	
.160	9.826 854	8	9.956 876	16	0.043 124	9.869 978	7	.840	
161	9.826 862	8	9.956 891	15	0.043 109	9.869 972	6	839	
162	9.826 871	9	9.956 906	15	0.043 094	9.869 965	7	838	
163	9.826 879	8	9.956 921	15	0.043 079	9.869 958	7	837	
164	9.826 888	9	9.956 937	16	0.043 063	9.869 951	7	836	
165	9.826 896	8	9.956 952	15	0.043 048	9.869 944	7	835	
166	9.826 904	8	9.956 967	15	0.043 033	9.869 937	7	834	
167	9.826 913	9	9.956 982	15	0.043 018	9.869 930	7	833	
168	9.826 921	8	9.956 998	16	0.043 002	9.869 923	7	832	
169	9.826 929	8	9.957 013	15	0.042 987	9.869 917	6	831	
.170	9.826 938	9	9.957 028	15	0.042 972	9.869 910	7	.830	
171	9.826 946	8	9.957 043	15	0.042 957	9.869 903	7	829	
172	9.826 954	8	9.957 058	15	0.042 942	9.869 896	7	828	
173	9.826 963	9	9.957 074	16	0.042 926	9.869 889	7	827	
174	9.826 971	8	9.957 089	15	0.042 911	9.869 882	7	826	
175	9.826 980	9	9.957 104	15	0.042 896	9.869 875	7	825	
176	9.826 988	8	9.957 119	15	0.042 881	9.869 869	6	824	
177	9.826 996	8	9.957 135	16	0.042 865	9.869 862	7	823	
178	9.827 005	9	9.957 150	15	0.042 850	9.869 855	7	822	
179	9.827 013	8	9.957 165	15	0.042 835	9.869 848	7	821	
.180	9.827 021	8	9.957 180	15	0.042 820	9.869 841	7	.820	
181	9.827 030	9	9.957 196	16	0.042 804	9.869 834	7	819	
182	9.827 038	8	9.957 211	15	0.042 789	9.869 827	7	818	
183	9.827 047	9	9.957 226	15	0.042 774	9.869 820	7	817	
184	9.827 055	8	9.957 241	15	0.042 759	9.869 814	6	816	
185	9.827 063	8	9.957 256	15	0.042 744	9.869 807	7	815	
186	9.827 072	9	9.957 272	16	0.042 728	9.869 800	7	814	
187	9.827 080	8	9.957 287	15	0.042 713	9.869 793	7	813	
188	9.827 088	8	9.957 302	15	0.042 698	9.869 786	7	812	
189	9.827 097	9	9.957 317	15	0.042 683	9.869 779	7	811	
.190	9.827 105	8	9.957 333	16	0.042 667	9.869 772	7	.810	
191	9.827 113	8	9.957 348	15	0.042 652	9.869 766	6	809	
192	9.827 122	9	9.957 363	15	0.042 637	9.869 759	7	808	
193	9.827 130	8	9.957 378	15	0.042 622	9.869 752	7	807	
194	9.827 138	8	9.957 394	16	0.042 606	9.869 745	7	806	
195	9.827 147	9	9.957 409	15	0.042 591	9.869 738	7	805	
196	9.827 155	8	9.957 424	15	0.042 576	9.869 731	7	804	
197	9.827 164	9	9.957 439	15	0.042 561	9.869 724	7	803	
198	9.827 172	8	9.957 455	16	0.042 545	9.869 717	7	802	
199	9.827 180	8	9.957 470	15	0.042 530	9.869 711	6	801	
.200	9.827 189	9	9.957 485	15	0.042 515	9.869 704	7	.800	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.850 — 47°.800

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.200 — 42°.250

42°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.827 189	8	9.957 485	15	0.042 515	9.869 704	7	.800	
201	9.827 197	8	9.957 500	15	0.042 500	9.869 697	7	799	
202	9.827 205	9	9.957 515	16	0.042 485	9.869 690	7	798	
203	9.827 214	8	9.957 531	15	0.042 469	9.869 683	7	797	
204	9.827 222	8	9.957 546	15	0.042 454	9.869 676	7	796	
205	9.827 230	9	9.957 561	15	0.042 439	9.869 669	7	795	
206	9.827 239	8	9.957 576	16	0.042 424	9.869 662	6	794	
207	9.827 247	9	9.957 592	15	0.042 408	9.869 656	7	793	
208	9.827 256	8	9.957 607	15	0.042 393	9.869 649	7	792	
209	9.827 264	8	9.957 622	15	0.042 378	9.869 642	7	791	
.210	9.827 272	9	9.957 637	16	0.042 363	9.869 635	7	.790	
211	9.827 281	8	9.957 653	15	0.042 347	9.869 628	7	789	
212	9.827 289	8	9.957 668	15	0.042 332	9.869 621	7	788	
213	9.827 297	9	9.957 683	15	0.042 317	9.869 614	7	787	
214	9.827 306	8	9.957 698	15	0.042 302	9.869 607	7	786	
215	9.827 314	8	9.957 713	15	0.042 287	9.869 601	6	785	
216	9.827 322	8	9.957 729	16	0.042 271	9.869 594	7	784	
217	9.827 331	9	9.957 744	15	0.042 256	9.869 587	7	783	
218	9.827 339	8	9.957 759	15	0.042 241	9.869 580	7	782	
219	9.827 347	8	9.957 774	15	0.042 226	9.869 573	7	781	
.220	9.827 356	9	9.957 790	16	0.042 210	9.869 566	7	.780	
221	9.827 364	8	9.957 805	15	0.042 195	9.869 559	7	779	
222	9.827 372	8	9.957 820	15	0.042 180	9.869 552	7	778	
223	9.827 381	9	9.957 835	15	0.042 165	9.869 546	6	777	
224	9.827 389	8	9.957 851	16	0.042 149	9.869 539	7	776	
225	9.827 398	9	9.957 866	15	0.042 134	9.869 532	7	775	
226	9.827 406	8	9.957 881	15	0.042 119	9.869 525	7	774	
227	9.827 414	8	9.957 896	15	0.042 104	9.869 518	7	773	
228	9.827 423	9	9.957 911	15	0.042 089	9.869 511	7	772	
229	9.827 431	8	9.957 927	16	0.042 073	9.869 504	7	771	
.230	9.827 439	8	9.957 942	15	0.042 058	9.869 497	7	.770	
231	9.827 448	9	9.957 957	15	0.042 043	9.869 490	7	769	
232	9.827 456	8	9.957 972	15	0.042 028	9.869 484	6	768	
233	9.827 464	8	9.957 988	16	0.042 012	9.869 477	7	767	
234	9.827 473	9	9.958 003	15	0.041 997	9.869 470	7	766	
235	9.827 481	8	9.958 018	15	0.041 982	9.869 463	7	765	
236	9.827 489	8	9.958 033	15	0.041 967	9.869 456	7	764	
237	9.827 498	9	9.958 049	16	0.041 951	9.869 449	7	763	
238	9.827 506	8	9.958 064	15	0.041 936	9.869 442	7	762	
239	9.827 514	8	9.958 079	15	0.041 921	9.869 435	7	761	
.240	9.827 523	9	9.958 094	15	0.041 906	9.869 429	6	.760	
241	9.827 531	8	9.958 109	15	0.041 891	9.869 422	7	759	
242	9.827 539	8	9.958 125	16	0.041 875	9.869 415	7	758	
243	9.827 548	9	9.958 140	15	0.041 860	9.869 408	7	757	
244	9.827 556	8	9.958 155	15	0.041 845	9.869 401	7	756	
245	9.827 565	9	9.958 170	15	0.041 830	9.869 394	7	755	
246	9.827 573	8	9.958 186	16	0.041 814	9.869 387	7	754	
247	9.827 581	8	9.958 201	15	0.041 799	9.869 380	7	753	
248	9.827 590	9	9.958 216	15	0.041 784	9.869 373	7	752	
249	9.827 598	8	9.958 231	15	0.041 769	9.869 367	6	751	
.250	9.827 606	8	9.958 247	16	0.041 753	9.869 360	7	.750	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

42°.250 — 42°.300

42°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.827 606		9.958 247		0.041 753	9.869 360		.750	
251	9.827 615	9	9.958 262	15	0.041 738	9.869 353	7	749	
252	9.827 623	8	9.958 277	15	0.041 723	9.869 346	7	748	
253	9.827 631	8	9.958 292	15	0.041 708	9.869 339	7	747	
254	9.827 640	9	9.958 307	15	0.041 693	9.869 332	7	746	
255	9.827 648	8	9.958 323	16	0.041 677	9.869 325	7	745	
256	9.827 656	8	9.958 338	15	0.041 662	9.869 318	7	744	
257	9.827 665	9	9.958 353	15	0.041 647	9.869 312	6	743	
258	9.827 673	8	9.958 368	15	0.041 632	9.869 305	7	742	
259	9.827 681	8	9.958 384	16	0.041 616	9.869 298	7	741	
.260	9.827 690	9	9.958 399	15	0.041 601	9.869 291	7	.740	
261	9.827 698	8	9.958 414	15	0.041 586	9.869 284	7	739	
262	9.827 706	8	9.958 429	15	0.041 571	9.869 277	7	738	
263	9.827 715	9	9.958 445	16	0.041 555	9.869 270	7	737	
264	9.827 723	8	9.958 460	15	0.041 540	9.869 263	7	736	
265	9.827 731	8	9.958 475	15	0.041 525	9.869 256	7	735	
266	9.827 740	9	9.958 490	15	0.041 510	9.869 250	6	734	
267	9.827 748	8	9.958 505	15	0.041 495	9.869 243	7	733	
268	9.827 756	8	9.958 521	16	0.041 479	9.869 236	7	732	
269	9.827 765	9	9.958 536	15	0.041 464	9.869 229	7	731	
.270	9.827 773	8	9.958 551	15	0.041 449	9.869 222	7	.730	
271	9.827 781	8	9.958 566	15	0.041 434	9.869 215	7	729	
272	9.827 790	9	9.958 582	16	0.041 418	9.869 208	7	728	
273	9.827 798	8	9.958 597	15	0.041 403	9.869 201	7	727	
274	9.827 806	8	9.958 612	15	0.041 388	9.869 194	7	726	
275	9.827 815	9	9.958 627	15	0.041 373	9.869 188	6	725	
276	9.827 823	8	9.958 643	16	0.041 357	9.869 181	7	724	
277	9.827 831	8	9.958 658	15	0.041 342	9.869 174	7	723	
278	9.827 840	9	9.958 673	15	0.041 327	9.869 167	7	722	
279	9.827 848	8	9.958 688	15	0.041 312	9.869 160	7	721	
.280	9.827 856	8	9.958 703	15	0.041 297	9.869 153	7	.720	
281	9.827 865	9	9.958 719	16	0.041 281	9.869 146	7	719	
282	9.827 873	8	9.958 734	15	0.041 266	9.869 139	7	718	
283	9.827 881	8	9.958 749	15	0.041 251	9.869 132	7	717	
284	9.827 890	9	9.958 764	15	0.041 236	9.869 125	7	716	
285	9.827 898	8	9.958 780	16	0.041 220	9.869 119	6	715	
286	9.827 906	8	9.958 795	15	0.041 205	9.869 112	7	714	
287	9.827 915	9	9.958 810	15	0.041 190	9.869 105	7	713	
288	9.827 923	8	9.958 825	15	0.041 175	9.869 098	7	712	
289	9.827 931	8	9.958 840	15	0.041 160	9.869 091	7	711	
.290	9.827 940	9	9.958 856	16	0.041 144	9.869 084	7	.710	
291	9.827 948	8	9.958 871	15	0.041 129	9.869 077	7	709	
292	9.827 956	8	9.958 886	15	0.041 114	9.869 070	7	708	
293	9.827 965	9	9.958 901	15	0.041 099	9.869 063	7	707	
294	9.827 973	8	9.958 917	16	0.041 083	9.869 057	6	706	
295	9.827 981	8	9.958 932	15	0.041 068	9.869 050	7	705	
296	9.827 990	9	9.958 947	15	0.041 053	9.869 043	7	704	
297	9.827 998	8	9.958 962	15	0.041 038	9.869 036	7	703	
298	9.828 006	8	9.958 978	16	0.041 022	9.869 029	7	702	
299	9.828 015	9	9.958 993	15	0.041 007	9.869 022	7	701	
.300	9.828 023	8	9.959 008	15	0.040 992	9.869 015	7	.700	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.750 — 47°.700

42°.300 — 42°.350

42°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.828 023	8	9.959 008	15	0.040 992	9.869 015	7	.700	
301	9.828 031	9	9.959 023	15	0.040 977	9.869 008	7	699	
302	9.828 040	8	9.959 038	16	0.040 962	9.869 001	7	698	
303	9.828 048	8	9.959 054	15	0.040 946	9.868 994	6	697	
304	9.828 056	9	9.959 069	15	0.040 931	9.868 988	7	696	
305	9.828 065	8	9.959 084	15	0.040 916	9.868 981	7	695	
306	9.828 073	8	9.959 099	16	0.040 901	9.868 974	7	694	
307	9.828 081	9	9.959 115	15	0.040 885	9.868 967	7	693	
308	9.828 090	8	9.959 130	15	0.040 870	9.868 960	7	692	
309	9.828 098	8	9.959 145	15	0.040 855	9.868 953	7	691	
.310	9.828 106	9	9.959 160	15	0.040 840	9.868 946	7	.690	
311	9.828 115	8	9.959 175	16	0.040 825	9.868 939	7	689	
312	9.828 123	8	9.959 191	15	0.040 809	9.868 932	7	688	
313	9.828 131	9	9.959 206	15	0.040 794	9.868 925	6	687	
314	9.828 140	8	9.959 221	15	0.040 779	9.868 919	7	686	
315	9.828 148	8	9.959 236	16	0.040 764	9.868 912	7	685	
316	9.828 156	9	9.959 252	15	0.040 748	9.868 905	7	684	
317	9.828 165	8	9.959 267	15	0.040 733	9.868 898	7	683	
318	9.828 173	8	9.959 282	15	0.040 718	9.868 891	7	682	
319	9.828 181	9	9.959 297	16	0.040 703	9.868 884	7	681	
.320	9.828 190	8	9.959 313	15	0.040 687	9.868 877	7	.680	
321	9.828 198	8	9.959 328	15	0.040 672	9.868 870	7	679	
322	9.828 206	9	9.959 343	15	0.040 657	9.868 863	7	678	
323	9.828 215	8	9.959 358	15	0.040 642	9.868 856	6	677	
324	9.828 223	8	9.959 373	16	0.040 627	9.868 850	7	676	
325	9.828 231	9	9.959 389	15	0.040 611	9.868 843	7	675	
326	9.828 240	8	9.959 404	15	0.040 596	9.868 836	7	674	
327	9.828 248	8	9.959 419	15	0.040 581	9.868 829	7	673	
328	9.828 256	9	9.959 434	16	0.040 566	9.868 822	7	672	
329	9.828 265	8	9.959 450	15	0.040 550	9.868 815	7	671	
.330	9.828 273	8	9.959 465	15	0.040 535	9.868 808	7	.670	
331	9.828 281	9	9.959 480	15	0.040 520	9.868 801	7	669	
332	9.828 290	8	9.959 495	15	0.040 505	9.868 794	7	668	
333	9.828 298	8	9.959 510	16	0.040 490	9.868 787	6	667	
334	9.828 306	9	9.959 526	15	0.040 474	9.868 781	7	666	
335	9.828 315	8	9.959 541	15	0.040 459	9.868 774	7	665	
336	9.828 323	8	9.959 556	15	0.040 444	9.868 767	7	664	
337	9.828 331	8	9.959 571	16	0.040 429	9.868 760	7	663	
338	9.828 339	9	9.959 587	15	0.040 413	9.868 753	7	662	
339	9.828 348	8	9.959 602	15	0.040 398	9.868 746	7	661	
.340	9.828 356	8	9.959 617	15	0.040 383	9.868 739	7	.660	
341	9.828 364	9	9.959 632	15	0.040 368	9.868 732	7	659	
342	9.828 373	8	9.959 647	16	0.040 353	9.868 725	7	658	
343	9.828 381	8	9.959 663	15	0.040 337	9.868 718	7	657	
344	9.828 389	9	9.959 678	15	0.040 322	9.868 711	6	656	
345	9.828 398	8	9.959 693	15	0.040 307	9.868 705	7	655	
346	9.828 406	8	9.959 708	16	0.040 292	9.868 698	7	654	
347	9.828 414	9	9.959 724	15	0.040 276	9.868 691	7	653	
348	9.828 423	8	9.959 739	15	0.040 261	9.868 684	7	652	
349	9.828 431	8	9.959 754	15	0.040 246	9.868 677	7	651	
.350	9.828 439	8	9.959 769	15	0.040 231	9.868 670	7	.650	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.700 — 47°.650

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.350 — 42°.400

42°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.828 439		9.959 769		0.040 231	9.868 670		.650	
351	9.828 448	9	9.959 785	16	0.040 215	9.868 663	7	649	
352	9.828 456	8	9.959 800	15	0.040 200	9.868 656	7	648	
353	9.828 464	8	9.959 815	15	0.040 185	9.868 649	7	647	
354	9.828 473	9	9.959 830	15	0.040 170	9.868 642	7	646	
355	9.828 481	8	9.959 845	15	0.040 155	9.868 635	7	645	
356	9.828 489	8	9.959 861	16	0.040 139	9.868 629	6	644	
357	9.828 497	9	9.959 876	15	0.040 124	9.868 622	7	643	
358	9.828 506	8	9.959 891	15	0.040 109	9.868 615	7	642	
359	9.828 514	8	9.959 906	15	0.040 094	9.868 608	7	641	
.360	9.828 522		9.959 922		0.040 078	9.868 601		.640	
361	9.828 531	9	9.959 937	15	0.040 063	9.868 594	7	639	
362	9.828 539	8	9.959 952	15	0.040 048	9.868 587	7	638	
363	9.828 547	8	9.959 967	15	0.040 033	9.868 580	7	637	
364	9.828 556	9	9.959 982	15	0.040 018	9.868 573	7	636	
365	9.828 564	8	9.959 998	16	0.040 002	9.868 566	7	635	
366	9.828 572	8	9.960 013	15	0.039 987	9.868 559	7	634	
367	9.828 581	9	9.960 028	15	0.039 972	9.868 553	6	633	
368	9.828 589	8	9.960 043	15	0.039 957	9.868 546	7	632	
369	9.828 597	8	9.960 059	16	0.039 941	9.868 539	7	631	
.370	9.828 606		9.960 074		0.039 926	9.868 532		.630	
371	9.828 614	9	9.960 089	15	0.039 911	9.868 525	7	629	
372	9.828 622	8	9.960 104	15	0.039 896	9.868 518	7	628	
373	9.828 630	8	9.960 119	15	0.039 881	9.868 511	7	627	
374	9.828 639	9	9.960 135	16	0.039 865	9.868 504	7	626	
375	9.828 647	8	9.960 150	15	0.039 850	9.868 497	7	625	
376	9.828 655	8	9.960 165	15	0.039 835	9.868 490	7	624	
377	9.828 664	9	9.960 180	15	0.039 820	9.868 483	7	623	
378	9.828 672	8	9.960 196	16	0.039 804	9.868 476	7	622	
379	9.828 680	8	9.960 211	15	0.039 789	9.868 470	6	621	
.380	9.828 689		9.960 226		0.039 774	9.868 463		.620	
381	9.828 697	9	9.960 241	15	0.039 759	9.868 456	7	619	
382	9.828 705	8	9.960 256	15	0.039 744	9.868 449	7	618	
383	9.828 714	9	9.960 272	16	0.039 728	9.868 442	7	617	
384	9.828 722	8	9.960 287	15	0.039 713	9.868 435	7	616	
385	9.828 730	8	9.960 302	15	0.039 698	9.868 428	7	615	
386	9.828 738	8	9.960 317	15	0.039 683	9.868 421	7	614	
387	9.828 747	9	9.960 333	16	0.039 667	9.868 414	7	613	
388	9.828 755	8	9.960 348	15	0.039 652	9.868 407	7	612	
389	9.828 763	8	9.960 363	15	0.039 637	9.868 400	7	611	
.390	9.828 772		9.960 378		0.039 622	9.868 393		.610	
391	9.828 780	9	9.960 393	15	0.039 607	9.868 387	7	609	
392	9.828 788	8	9.960 409	16	0.039 591	9.868 380	6	608	
393	9.828 797	9	9.960 424	15	0.039 576	9.868 373	7	607	
394	9.828 805	8	9.960 439	15	0.039 561	9.868 366	7	606	
395	9.828 813	8	9.960 454	15	0.039 546	9.868 359	7	605	
396	9.828 821	8	9.960 470	16	0.039 530	9.868 352	7	604	
397	9.828 830	9	9.960 485	15	0.039 515	9.868 345	7	603	
398	9.828 838	8	9.960 500	15	0.039 500	9.868 338	7	602	
399	9.828 846	8	9.960 515	15	0.039 485	9.868 331	7	601	
.400	9.828 855		9.960 530		0.039 470	9.868 324		.600	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.650 — 47°.600

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.400 — 42°.450

42°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.828 855	8	9.960 530	16	0.039 470	9.868 324	7	.600	
401	9.828 863	8	9.960 546	15	0.039 454	9.868 317	7	599	
402	9.828 871	9	9.960 561	15	0.039 439	9.868 310	7	598	
403	9.828 880	8	9.960 576	15	0.039 424	9.868 303	6	597	
404	9.828 888	8	9.960 591	16	0.039 409	9.868 297	7	596	
405	9.828 896	8	9.960 607	15	0.039 393	9.868 290	7	595	
406	9.828 904	9	9.960 622	15	0.039 378	9.868 283	7	594	
407	9.828 913	8	9.960 637	15	0.039 363	9.868 276	7	593	
408	9.828 921	8	9.960 652	15	0.039 348	9.868 269	7	592	
409	9.828 929	9	9.960 667	16	0.039 333	9.868 262	7	591	
.410	9.828 938	8	9.960 683	15	0.039 317	9.868 255	7	.590	
411	9.828 946	8	9.960 698	15	0.039 302	9.868 248	7	589	
412	9.828 954	9	9.960 713	15	0.039 287	9.868 241	7	588	
413	9.828 963	8	9.960 728	16	0.039 272	9.868 234	7	587	
414	9.828 971	8	9.960 744	15	0.039 256	9.868 227	7	586	
415	9.828 979	8	9.960 759	15	0.039 241	9.868 220	7	585	
416	9.828 987	9	9.960 774	15	0.039 226	9.868 213	6	584	
417	9.828 996	8	9.960 789	15	0.039 211	9.868 207	7	583	
418	9.829 004	8	9.960 804	16	0.039 196	9.868 200	7	582	
419	9.829 012	9	9.960 820	15	0.039 180	9.868 193	7	581	
.420	9.829 021	8	9.960 835	15	0.039 165	9.868 186	7	.580	
421	9.829 029	8	9.960 850	15	0.039 150	9.868 179	7	579	
422	9.829 037	9	9.960 865	16	0.039 135	9.868 172	7	578	
423	9.829 046	8	9.960 881	15	0.039 119	9.868 165	7	577	
424	9.829 054	8	9.960 896	15	0.039 104	9.868 158	7	576	
425	9.829 062	8	9.960 911	15	0.039 089	9.868 151	7	575	
426	9.829 070	9	9.960 926	15	0.039 074	9.868 144	7	574	
427	9.829 079	8	9.960 941	16	0.039 059	9.868 137	7	573	
428	9.829 087	8	9.960 957	15	0.039 043	9.868 130	7	572	
429	9.829 095	9	9.960 972	15	0.039 028	9.868 123	7	571	
.430	9.829 104	8	9.960 987	15	0.039 013	9.868 116	6	.570	
431	9.829 112	8	9.961 002	16	0.038 998	9.868 110	7	569	
432	9.829 120	8	9.961 018	15	0.038 982	9.868 103	7	568	
433	9.829 128	9	9.961 033	15	0.038 967	9.868 096	7	567	
434	9.829 137	8	9.961 048	15	0.038 952	9.868 089	7	566	
435	9.829 145	8	9.961 063	15	0.038 937	9.868 082	7	565	
436	9.829 153	9	9.961 078	16	0.038 922	9.868 075	7	564	
437	9.829 162	8	9.961 094	15	0.038 906	9.868 068	7	563	
438	9.829 170	8	9.961 109	15	0.038 891	9.868 061	7	562	
439	9.829 178	9	9.961 124	15	0.038 876	9.868 054	7	561	
.440	9.829 187	8	9.961 139	16	0.038 861	9.868 047	7	.560	
441	9.829 195	8	9.961 155	15	0.038 845	9.868 040	7	559	
442	9.829 203	8	9.961 170	15	0.038 830	9.868 033	7	558	
443	9.829 211	9	9.961 185	15	0.038 815	9.868 026	7	557	
444	9.829 220	8	9.961 200	15	0.038 800	9.868 019	6	556	
445	9.829 228	8	9.961 215	16	0.038 785	9.868 013	7	555	
446	9.829 236	9	9.961 231	15	0.038 769	9.868 006	7	554	
447	9.829 245	8	9.961 246	15	0.038 754	9.867 999	7	553	
448	9.829 253	8	9.961 261	15	0.038 739	9.867 992	7	552	
449	9.829 261	8	9.961 276	16	0.038 724	9.867 985	7	551	
.450	9.829 269	9	9.961 292	15	0.038 708	9.867 978	7	.550	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.600 — 47°.550

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.450 — 42°.500

42°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.829 269		9.961 292		0.038 708	9.867 978		.550	
451	9.829 278	9	9.961 307	15	0.038 693	9.867 971	7	549	
452	9.829 286	8	9.961 322	15	0.038 678	9.867 964	7	548	
453	9.829 294	8	9.961 337	15	0.038 663	9.867 957	7	547	
454	9.829 303	9	9.961 352	15	0.038 648	9.867 950	7	546	
455	9.829 311	8	9.961 368	16	0.038 632	9.867 943	7	545	
456	9.829 319	8	9.961 383	15	0.038 617	9.867 936	7	544	
457	9.829 327	9	9.961 398	15	0.038 602	9.867 929	7	543	
458	9.829 336	8	9.961 413	15	0.038 587	9.867 922	7	542	
459	9.829 344	8	9.961 428	15	0.038 572	9.867 915	7	541	
.460	9.829 352		9.961 444		0.038 556	9.867 909	6	.540	
461	9.829 361	9	9.961 459	15	0.038 541	9.867 902	7	539	
462	9.829 369	8	9.961 474	15	0.038 526	9.867 895	7	538	
463	9.829 377	8	9.961 489	15	0.038 511	9.867 888	7	537	
464	9.829 385	8	9.961 505	16	0.038 495	9.867 881	7	536	
465	9.829 394	9	9.961 520	15	0.038 480	9.867 874	7	535	
466	9.829 402	8	9.961 535	15	0.038 465	9.867 867	7	534	
467	9.829 410	8	9.961 550	15	0.038 450	9.867 860	7	533	
468	9.829 418	8	9.961 565	15	0.038 435	9.867 853	7	532	
469	9.829 427	9	9.961 581	16	0.038 419	9.867 846	7	531	
.470	9.829 435		9.961 596		0.038 404	9.867 839	7	.530	
471	9.829 443	8	9.961 611	15	0.038 389	9.867 832	7	529	
472	9.829 452	9	9.961 626	15	0.038 374	9.867 825	7	528	
473	9.829 460	8	9.961 642	16	0.038 358	9.867 818	7	527	
474	9.829 468	8	9.961 657	15	0.038 343	9.867 811	7	526	
475	9.829 476	8	9.961 672	15	0.038 328	9.867 804	7	525	
476	9.829 485	9	9.961 687	15	0.038 313	9.867 798	6	524	
477	9.829 493	8	9.961 702	15	0.038 298	9.867 791	7	523	
478	9.829 501	8	9.961 718	16	0.038 282	9.867 784	7	522	
479	9.829 510	9	9.961 733	15	0.038 267	9.867 777	7	521	
.480	9.829 518		9.961 748		0.038 252	9.867 770	7	.520	
481	9.829 526	8	9.961 763	15	0.038 237	9.867 763	7	519	
482	9.829 534	8	9.961 779	16	0.038 221	9.867 756	7	518	
483	9.829 543	9	9.961 794	15	0.038 206	9.867 749	7	517	
484	9.829 551	8	9.961 809	15	0.038 191	9.867 742	7	516	
485	9.829 559	8	9.961 824	15	0.038 176	9.867 735	7	515	
486	9.829 568	9	9.961 839	15	0.038 161	9.867 728	7	514	
487	9.829 576	8	9.961 855	16	0.038 145	9.867 721	7	513	
488	9.829 584	8	9.961 870	15	0.038 130	9.867 714	7	512	
489	9.829 592	8	9.961 885	15	0.038 115	9.867 707	7	511	
.490	9.829 601		9.961 900		0.038 100	9.867 700	7	.510	
491	9.829 609	8	9.961 916	16	0.038 084	9.867 693	7	509	
492	9.829 617	8	9.961 931	15	0.038 069	9.867 686	7	508	
493	9.829 625	8	9.961 946	15	0.038 054	9.867 679	7	507	
494	9.829 634	9	9.961 961	15	0.038 039	9.867 673	6	506	
495	9.829 642	8	9.961 976	15	0.038 024	9.867 666	7	505	
496	9.829 650	8	9.961 992	16	0.038 008	9.867 659	7	504	
497	9.829 659	9	9.962 007	15	0.037 993	9.867 652	7	503	
498	9.829 667	8	9.962 022	15	0.037 978	9.867 645	7	502	
499	9.829 675	8	9.962 037	15	0.037 963	9.867 638	7	501	
.500	9.829 683		9.962 052		0.037 948	9.867 631	7	.500	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

47°.550 — 47°.500

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

$42^{\circ}.500 - 42^{\circ}.550$

42°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.829 683		9.962 052		0.037 948	9.867 631		.500	
501	9.829 692	9	9.962 068	16	0.037 932	9.867 624	7	499	
502	9.829 700	8	9.962 083	15	0.037 917	9.867 617	7	498	
503	9.829 708	8	9.962 098	15	0.037 902	9.867 610	7	497	
504	9.829 716	8	9.962 113	15	0.037 887	9.867 603	7	496	
505	9.829 725	9	9.962 129	16	0.037 871	9.867 596	7	495	
506	9.829 733	8	9.962 144	15	0.037 856	9.867 589	7	494	
507	9.829 741	9	9.962 159	15	0.037 841	9.867 582	7	493	
508	9.829 750	8	9.962 174	15	0.037 826	9.867 575	7	492	
509	9.829 758	8	9.962 189	15	0.037 811	9.867 568	7	491	
.510	9.829 766	8	9.962 205	16	0.037 795	9.867 561	7	.490	
511	9.829 774	8	9.962 220	15	0.037 780	9.867 554	7	489	
512	9.829 783	9	9.962 235	15	0.037 765	9.867 548	6	488	
513	9.829 791	8	9.962 250	15	0.037 750	9.867 541	7	487	
514	9.829 799	8	9.962 266	16	0.037 734	9.867 534	7	486	
515	9.829 807	8	9.962 281	15	0.037 719	9.867 527	7	485	
516	9.829 816	9	9.962 296	15	0.037 704	9.867 520	7	484	
517	9.829 824	8	9.962 311	15	0.037 689	9.867 513	7	483	
518	9.829 832	8	9.962 326	15	0.037 674	9.867 506	7	482	
519	9.829 840	8	9.962 342	16	0.037 658	9.867 499	7	481	
.520	9.829 849	9	9.962 357	15	0.037 643	9.867 492	7	.480	
521	9.829 857	8	9.962 372	15	0.037 628	9.867 485	7	479	
522	9.829 865	8	9.962 387	15	0.037 613	9.867 478	7	478	
523	9.829 874	9	9.962 402	15	0.037 598	9.867 471	7	477	
524	9.829 882	8	9.962 418	16	0.037 582	9.867 464	7	476	
525	9.829 890	8	9.962 433	15	0.037 567	9.867 457	7	475	
526	9.829 898	8	9.962 448	15	0.037 552	9.867 450	7	474	
527	9.829 907	9	9.962 463	15	0.037 537	9.867 443	7	473	
528	9.829 915	8	9.962 479	16	0.037 521	9.867 436	7	472	
529	9.829 923	8	9.962 494	15	0.037 506	9.867 429	7	471	
.530	9.829 931	8	9.962 509	15	0.037 491	9.867 422	7	.470	
531	9.829 940	9	9.962 524	15	0.037 476	9.867 415	7	469	
532	9.829 948	8	9.962 539	15	0.037 461	9.867 408	7	468	
533	9.829 956	8	9.962 555	16	0.037 445	9.867 402	6	467	
534	9.829 964	8	9.962 570	15	0.037 430	9.867 395	7	466	
535	9.829 973	9	9.962 585	15	0.037 415	9.867 388	7	465	
536	9.829 981	8	9.962 600	15	0.037 400	9.867 381	7	464	
537	9.829 989	8	9.962 615	15	0.037 385	9.867 374	7	463	
538	9.829 997	8	9.962 631	16	0.037 369	9.867 367	7	462	
539	9.830 006	9	9.962 646	15	0.037 354	9.867 360	7	461	
.540	9.830 014	8	9.962 661	15	0.037 339	9.867 353	7	.460	
541	9.830 022	8	9.962 676	15	0.037 324	9.867 346	7	459	
542	9.830 031	9	9.962 692	16	0.037 308	9.867 339	7	458	
543	9.830 039	8	9.962 707	15	0.037 293	9.867 332	7	457	
544	9.830 047	8	9.962 722	15	0.037 278	9.867 325	7	456	
545	9.830 055	8	9.962 737	15	0.037 263	9.867 318	7	455	
546	9.830 064	9	9.962 752	15	0.037 248	9.867 311	7	454	
547	9.830 072	8	9.962 768	16	0.037 232	9.867 304	7	453	
548	9.830 080	8	9.962 783	15	0.037 217	9.867 297	7	452	
549	9.830 088	8	9.962 798	15	0.037 202	9.867 290	7	451	
.550	9.830 097	9	9.962 813	15	0.037 187	9.867 283	7	.450	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

$47^{\circ}.500 - 47^{\circ}.450$

42°.550 — 42°.600

42°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.830 097	8	9.962 813	16	0.037 187	9.867 283	7	.450	
551	9.830 105	8	9.962 829	15	0.037 171	9.867 276	7	449	
552	9.830 113	8	9.962 844	15	0.037 156	9.867 269	7	448	
553	9.830 121	9	9.962 859	15	0.037 141	9.867 262	7	447	
554	9.830 130	8	9.962 874	15	0.037 126	9.867 255	7	446	
555	9.830 138	8	9.962 889	16	0.037 111	9.867 249	7	445	
556	9.830 146	8	9.962 905	15	0.037 095	9.867 242	7	444	
557	9.830 154	9	9.962 920	15	0.037 080	9.867 235	7	443	
558	9.830 163	8	9.962 935	15	0.037 065	9.867 228	7	442	
559	9.830 171	8	9.962 950	15	0.037 050	9.867 221	7	441	
.560	9.830 179	8	9.962 965	16	0.037 035	9.867 214	7	.440	
561	9.830 187	9	9.962 981	15	0.037 019	9.867 207	7	439	
562	9.830 196	8	9.962 996	15	0.037 004	9.867 200	7	438	
563	9.830 204	8	9.963 011	15	0.036 989	9.867 193	7	437	
564	9.830 212	8	9.963 026	16	0.036 974	9.867 186	7	436	
565	9.830 220	9	9.963 042	15	0.036 958	9.867 179	7	435	
566	9.830 229	8	9.963 057	15	0.036 943	9.867 172	7	434	
567	9.830 237	8	9.963 072	15	0.036 928	9.867 165	7	433	
568	9.830 245	8	9.963 087	15	0.036 913	9.867 158	7	432	
569	9.830 253	9	9.963 102	16	0.036 898	9.867 151	7	431	
.570	9.830 262	8	9.963 118	15	0.036 882	9.867 144	7	.430	
571	9.830 270	8	9.963 133	15	0.036 867	9.867 137	7	429	
572	9.830 278	8	9.963 148	15	0.036 852	9.867 130	7	428	
573	9.830 286	9	9.963 163	15	0.036 837	9.867 123	7	427	
574	9.830 295	8	9.963 178	16	0.036 822	9.867 116	7	426	
575	9.830 303	8	9.963 194	15	0.036 806	9.867 109	7	425	
576	9.830 311	8	9.963 209	15	0.036 791	9.867 102	7	424	
577	9.830 319	8	9.963 224	15	0.036 776	9.867 095	7	423	
578	9.830 328	9	9.963 239	15	0.036 761	9.867 088	7	422	
579	9.830 336	8	9.963 255	16	0.036 745	9.867 081	7	421	
.580	9.830 344	8	9.963 270	15	0.036 730	9.867 074	7	.420	
581	9.830 352	9	9.963 285	15	0.036 715	9.867 067	6	419	
582	9.830 361	8	9.963 300	15	0.036 700	9.867 061	7	418	
583	9.830 369	8	9.963 315	16	0.036 685	9.867 054	7	417	
584	9.830 377	8	9.963 331	15	0.036 669	9.867 047	7	416	
585	9.830 385	9	9.963 346	15	0.036 654	9.867 040	7	415	
586	9.830 394	8	9.963 361	15	0.036 639	9.867 033	7	414	
587	9.830 402	8	9.963 376	15	0.036 624	9.867 026	7	413	
588	9.830 410	8	9.963 391	16	0.036 609	9.867 019	7	412	
589	9.830 418	9	9.963 407	15	0.036 593	9.867 012	7	411	
.590	9.830 427	8	9.963 422	15	0.036 578	9.867 005	7	.410	
591	9.830 435	8	9.963 437	15	0.036 563	9.866 998	7	409	
592	9.830 443	8	9.963 452	16	0.036 548	9.866 991	7	408	
593	9.830 451	9	9.963 468	15	0.036 532	9.866 984	7	407	
594	9.830 460	8	9.963 483	15	0.036 517	9.866 977	7	406	
595	9.830 468	8	9.963 498	15	0.036 502	9.866 970	7	405	
596	9.830 476	8	9.963 513	15	0.036 487	9.866 963	7	404	
597	9.830 484	8	9.963 528	16	0.036 472	9.866 956	7	403	
598	9.830 493	9	9.963 544	15	0.036 456	9.866 949	7	402	
599	9.830 501	8	9.963 559	15	0.036 441	9.866 942	7	401	
.600	9.830 509	8	9.963 574	15	0.036 426	9.866 935	7	.400	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.600 — 42°.650

42°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.830 509	8	9.963 574	15	0.036 426	9.866 935	7	.400	
601	9.830 517	9	9.963 589	15	0.036 411	9.866 928	7	399	
602	9.830 526	8	9.963 604	16	0.036 396	9.866 921	7	398	
603	9.830 534	8	9.963 620	15	0.036 380	9.866 914	7	397	
604	9.830 542	8	9.963 635	15	0.036 365	9.866 907	7	396	
605	9.830 550	9	9.963 650	15	0.036 350	9.866 900	7	395	
606	9.830 559	8	9.963 665	15	0.036 335	9.866 893	7	394	
607	9.830 567	8	9.963 680	16	0.036 320	9.866 886	7	393	
608	9.830 575	8	9.963 696	15	0.036 304	9.866 879	7	392	
609	9.830 583	9	9.963 711	15	0.036 289	9.866 872	7	391	
.610	9.830 592	8	9.963 726	15	0.036 274	9.866 865	7	.390	
611	9.830 600	8	9.963 741	16	0.036 259	9.866 858	7	389	
612	9.830 608	8	9.963 757	15	0.036 243	9.866 851	7	388	
613	9.830 616	8	9.963 772	15	0.036 228	9.866 844	7	387	
614	9.830 624	9	9.963 787	15	0.036 213	9.866 837	7	386	
615	9.830 633	8	9.963 802	15	0.036 198	9.866 831	6	385	
616	9.830 641	8	9.963 817	16	0.036 183	9.866 824	7	384	
617	9.830 649	8	9.963 833	15	0.036 167	9.866 817	7	383	
618	9.830 657	8	9.963 848	15	0.036 152	9.866 810	7	382	
619	9.830 666	9	9.963 863	15	0.036 137	9.866 803	7	381	
.620	9.830 674	8	9.963 878	15	0.036 122	9.866 796	7	.380	
621	9.830 682	8	9.963 893	16	0.036 107	9.866 789	7	379	
622	9.830 690	9	9.963 909	15	0.036 091	9.866 782	7	378	
623	9.830 699	8	9.963 924	15	0.036 076	9.866 775	7	377	
624	9.830 707	8	9.963 939	15	0.036 061	9.866 768	7	376	
625	9.830 715	8	9.963 954	16	0.036 046	9.866 761	7	375	
626	9.830 723	9	9.963 970	15	0.036 030	9.866 754	7	374	
627	9.830 732	8	9.963 985	15	0.036 015	9.866 747	7	373	
628	9.830 740	8	9.964 000	15	0.036 000	9.866 740	7	372	
629	9.830 748	8	9.964 015	15	0.035 985	9.866 733	7	371	
.630	9.830 756	8	9.964 030	16	0.035 970	9.866 726	7	.370	
631	9.830 764	9	9.964 046	15	0.035 954	9.866 719	7	369	
632	9.830 773	8	9.964 061	15	0.035 939	9.866 712	7	368	
633	9.830 781	8	9.964 076	15	0.035 924	9.866 705	7	367	
634	9.830 789	8	9.964 091	15	0.035 909	9.866 698	7	366	
635	9.830 797	9	9.964 106	16	0.035 894	9.866 691	7	365	
636	9.830 806	8	9.964 122	15	0.035 878	9.866 684	7	364	
637	9.830 814	8	9.964 137	15	0.035 863	9.866 677	7	363	
638	9.830 822	8	9.964 152	15	0.035 848	9.866 670	7	362	
639	9.830 830	9	9.964 167	15	0.035 833	9.866 663	7	361	
.640	9.830 839	8	9.964 182	16	0.035 818	9.866 656	7	.360	
641	9.830 847	8	9.964 198	15	0.035 802	9.866 649	7	359	
642	9.830 855	8	9.964 213	15	0.035 787	9.866 642	7	358	
643	9.830 863	9	9.964 228	15	0.035 772	9.866 635	7	357	
644	9.830 872	8	9.964 243	16	0.035 757	9.866 628	7	356	
645	9.830 880	8	9.964 259	15	0.035 741	9.866 621	7	355	
646	9.830 888	8	9.964 274	15	0.035 726	9.866 614	7	354	
647	9.830 896	8	9.964 289	15	0.035 711	9.866 607	7	353	
648	9.830 904	9	9.964 304	15	0.035 696	9.866 600	7	352	
649	9.830 913	8	9.964 319	16	0.035 681	9.866 593	7	351	
.650	9.830 921	8	9.964 335	15	0.035 665	9.866 586	7	.350	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.400 — 47°.350

42°.650 — 42°.700

42°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.830 921	8	9.964 335	15	0.035 665	9.866 586	7	.350	
651	9.830 929	8	9.964 350	15	0.035 650	9.866 579	7	349	
652	9.830 937	9	9.964 365	15	0.035 635	9.866 572	7	348	
653	9.830 946	8	9.964 380	15	0.035 620	9.866 565	7	347	
654	9.830 954	8	9.964 395	15	0.035 605	9.866 558	7	346	
655	9.830 962	8	9.964 411	16	0.035 589	9.866 551	7	345	
656	9.830 970	8	9.964 426	15	0.035 574	9.866 544	7	344	
657	9.830 978	9	9.964 441	15	0.035 559	9.866 537	7	343	
658	9.830 987	8	9.964 456	15	0.035 544	9.866 530	7	342	
659	9.830 995	8	9.964 471	15	0.035 529	9.866 523	7	341	
.660	9.831 003	8	9.964 487	16	0.035 513	9.866 516	7	.340	
661	9.831 011	8	9.964 502	15	0.035 498	9.866 509	7	339	
662	9.831 020	9	9.964 517	15	0.035 483	9.866 502	7	338	
663	9.831 028	8	9.964 532	15	0.035 468	9.866 496	6	337	
664	9.831 036	8	9.964 548	16	0.035 452	9.866 489	7	336	
665	9.831 044	8	9.964 563	15	0.035 437	9.866 482	7	335	
666	9.831 053	9	9.964 578	15	0.035 422	9.866 475	7	334	
667	9.831 061	8	9.964 593	15	0.035 407	9.866 468	7	333	
668	9.831 069	8	9.964 608	15	0.035 392	9.866 461	7	332	
669	9.831 077	8	9.964 624	16	0.035 376	9.866 454	7	331	
.670	9.831 085	8	9.964 639	15	0.035 361	9.866 447	7	.330	
671	9.831 094	9	9.964 654	15	0.035 346	9.866 440	7	329	
672	9.831 102	8	9.964 669	15	0.035 331	9.866 433	7	328	
673	9.831 110	8	9.964 684	15	0.035 316	9.866 426	7	327	
674	9.831 118	8	9.964 700	16	0.035 300	9.866 419	7	326	
675	9.831 127	9	9.964 715	15	0.035 285	9.866 412	7	325	
676	9.831 135	8	9.964 730	15	0.035 270	9.866 405	7	324	
677	9.831 143	8	9.964 745	15	0.035 255	9.866 398	7	323	
678	9.831 151	8	9.964 760	15	0.035 240	9.866 391	7	322	
679	9.831 159	8	9.964 776	16	0.035 224	9.866 384	7	321	
.680	9.831 168	9	9.964 791	15	0.035 209	9.866 377	7	.320	
681	9.831 176	8	9.964 806	15	0.035 194	9.866 370	7	319	
682	9.831 184	8	9.964 821	15	0.035 179	9.866 363	7	318	
683	9.831 192	8	9.964 837	16	0.035 163	9.866 356	7	317	
684	9.831 200	8	9.964 852	15	0.035 148	9.866 349	7	316	
685	9.831 209	9	9.964 867	15	0.035 133	9.866 342	7	315	
686	9.831 217	8	9.964 882	15	0.035 118	9.866 335	7	314	
687	9.831 225	8	9.964 897	15	0.035 103	9.866 328	7	313	
688	9.831 233	8	9.964 913	16	0.035 087	9.866 321	7	312	
689	9.831 242	9	9.964 928	15	0.035 072	9.866 314	7	311	
.690	9.831 250	8	9.964 943	15	0.035 057	9.866 307	7	.310	
691	9.831 258	8	9.964 958	15	0.035 042	9.866 300	7	309	
692	9.831 266	8	9.964 973	15	0.035 027	9.866 293	7	308	
693	9.831 274	8	9.964 989	16	0.035 011	9.866 286	7	307	
694	9.831 283	9	9.965 004	15	0.034 996	9.866 279	7	306	
695	9.831 291	8	9.965 019	15	0.034 981	9.866 272	7	305	
696	9.831 299	8	9.965 034	15	0.034 966	9.866 265	7	304	
697	9.831 307	8	9.965 049	15	0.034 951	9.866 258	7	303	
698	9.831 316	9	9.965 065	16	0.034 935	9.866 251	7	302	
699	9.831 324	8	9.965 080	15	0.034 920	9.866 244	7	301	
.700	9.831 332	8	9.965 095	15	0.034 905	9.866 237	7	.300	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.350 — 47°.300

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7	6
1	0.7	0.6
2	1.4	1.2
3	2.1	1.8
4	2.8	2.4
5	3.5	3.0
6	4.2	3.6
7	4.9	4.2
8	5.6	4.8
9	6.3	5.4

42°.700 — 42°.750

42°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.831 332	8	9.965 095	15	0.034 905	9.866 237	7	.300	
701	9.831 340	8	9.965 110	16	0.034 890	9.866 230	7	299	
702	9.831 348	9	9.965 126	15	0.034 874	9.866 223	7	298	
703	9.831 357	8	9.965 141	15	0.034 859	9.866 216	7	297	
704	9.831 365	8	9.965 156	15	0.034 844	9.866 209	7	296	
705	9.831 373	8	9.965 171	15	0.034 829	9.866 202	7	295	
706	9.831 381	8	9.965 186	16	0.034 814	9.866 195	7	294	
707	9.831 389	9	9.965 202	15	0.034 798	9.866 188	7	293	
708	9.831 398	8	9.965 217	15	0.034 783	9.866 181	7	292	
709	9.831 406	8	9.965 232	15	0.034 768	9.866 174	7	291	
.710	9.831 414	8	9.965 247	15	0.034 753	9.866 167	7	.290	
711	9.831 422	8	9.965 262	16	0.034 738	9.866 160	7	289	
712	9.831 431	9	9.965 278	15	0.034 722	9.866 153	7	288	
713	9.831 439	8	9.965 293	15	0.034 707	9.866 146	7	287	
714	9.831 447	8	9.965 308	15	0.034 692	9.866 139	7	286	
715	9.831 455	8	9.965 323	15	0.034 677	9.866 132	7	285	
716	9.831 463	8	9.965 338	16	0.034 662	9.866 125	7	284	
717	9.831 472	9	9.965 354	15	0.034 646	9.866 118	7	283	
718	9.831 480	8	9.965 369	15	0.034 631	9.866 111	7	282	
719	9.831 488	8	9.965 384	15	0.034 616	9.866 104	7	281	
.720	9.831 496	8	9.965 399	15	0.034 601	9.866 097	7	.280	
721	9.831 504	8	9.965 414	16	0.034 586	9.866 090	7	279	
722	9.831 513	9	9.965 430	15	0.034 570	9.866 083	7	278	
723	9.831 521	8	9.965 445	15	0.034 555	9.866 076	7	277	
724	9.831 529	8	9.965 460	15	0.034 540	9.866 069	7	276	
725	9.831 537	8	9.965 475	15	0.034 525	9.866 062	7	275	
726	9.831 545	8	9.965 490	16	0.034 510	9.866 055	7	274	
727	9.831 554	9	9.965 506	15	0.034 494	9.866 048	7	273	
728	9.831 562	8	9.965 521	15	0.034 479	9.866 041	7	272	
729	9.831 570	8	9.965 536	15	0.034 464	9.866 034	7	271	
.730	9.831 578	8	9.965 551	16	0.034 449	9.866 027	7	.270	
731	9.831 586	9	9.965 567	15	0.034 433	9.866 020	7	269	
732	9.831 595	8	9.965 582	15	0.034 418	9.866 013	7	268	
733	9.831 603	8	9.965 597	15	0.034 403	9.866 006	7	267	
734	9.831 611	8	9.965 612	15	0.034 388	9.865 999	7	266	
735	9.831 619	8	9.965 627	16	0.034 373	9.865 992	7	265	
736	9.831 627	9	9.965 643	15	0.034 357	9.865 985	7	264	
737	9.831 636	8	9.965 658	15	0.034 342	9.865 978	7	263	
738	9.831 644	8	9.965 673	15	0.034 327	9.865 971	7	262	
739	9.831 652	8	9.965 688	15	0.034 312	9.865 964	7	261	
.740	9.831 660	9	9.965 703	16	0.034 297	9.865 957	7	.260	
741	9.831 669	8	9.965 719	15	0.034 281	9.865 950	7	259	
742	9.831 677	8	9.965 734	15	0.034 266	9.865 943	7	258	
743	9.831 685	8	9.965 749	15	0.034 251	9.865 936	7	257	
744	9.831 693	8	9.965 764	15	0.034 236	9.865 929	7	256	
745	9.831 701	8	9.965 779	16	0.034 221	9.865 922	7	255	
746	9.831 710	9	9.965 795	15	0.034 205	9.865 915	7	254	
747	9.831 718	8	9.965 810	15	0.034 190	9.865 908	7	253	
748	9.831 726	8	9.965 825	15	0.034 175	9.865 901	7	252	
749	9.831 734	8	9.965 840	15	0.034 160	9.865 894	7	251	
.750	9.831 742	8	9.965 855	15	0.034 145	9.865 887	7	.250	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

42°.750 — 42°.800

42°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.831 742		9.965 855		0.034 145	9.865 887		.250	
751	9.831 751	9	9.965 871	16	0.034 129	9.865 880	7	249	
752	9.831 759	8	9.965 886	15	0.034 114	9.865 873	7	248	
753	9.831 767	8	9.965 901	15	0.034 099	9.865 866	7	247	
754	9.831 775	8	9.965 916	15	0.034 084	9.865 859	7	246	
755	9.831 783	8	9.965 932	16	0.034 068	9.865 852	7	245	
756	9.831 792	9	9.965 947	15	0.034 053	9.865 845	7	244	
757	9.831 800	8	9.965 962	15	0.034 038	9.865 838	7	243	
758	9.831 808	8	9.965 977	15	0.034 023	9.865 831	7	242	
759	9.831 816	8	9.965 992	15	0.034 008	9.865 824	7	241	
.760	9.831 824	8	9.966 008	16	0.033 992	9.865 817	7	.240	
761	9.831 832	8	9.966 023	15	0.033 977	9.865 810	7	239	
762	9.831 841	9	9.966 038	15	0.033 962	9.865 803	7	238	
763	9.831 849	8	9.966 053	15	0.033 947	9.865 796	7	237	
764	9.831 857	8	9.966 068	15	0.033 932	9.865 789	7	236	
765	9.831 865	8	9.966 084	16	0.033 916	9.865 782	7	235	
766	9.831 873	8	9.966 099	15	0.033 901	9.865 775	7	234	
767	9.831 882	9	9.966 114	15	0.033 886	9.865 768	7	233	
768	9.831 890	8	9.966 129	15	0.033 871	9.865 761	7	232	
769	9.831 898	8	9.966 144	15	0.033 856	9.865 754	7	231	
.770	9.831 906	8	9.966 160	16	0.033 840	9.865 747	7	.230	
771	9.831 914	8	9.966 175	15	0.033 825	9.865 740	7	229	
772	9.831 923	9	9.966 190	15	0.033 810	9.865 733	7	228	
773	9.831 931	8	9.966 205	15	0.033 795	9.865 726	7	227	
774	9.831 939	8	9.966 220	15	0.033 780	9.865 719	7	226	
775	9.831 947	8	9.966 236	16	0.033 764	9.865 712	7	225	
776	9.831 955	8	9.966 251	15	0.033 749	9.865 705	7	224	
777	9.831 964	9	9.966 266	15	0.033 734	9.865 698	7	223	
778	9.831 972	8	9.966 281	15	0.033 719	9.865 691	7	222	
779	9.831 980	8	9.966 296	15	0.033 704	9.865 684	7	221	
.780	9.831 988	8	9.966 312	16	0.033 688	9.865 677	7	.220	
781	9.831 996	8	9.966 327	15	0.033 673	9.865 670	7	219	
782	9.832 005	9	9.966 342	15	0.033 658	9.865 662	8	218	
783	9.832 013	8	9.966 357	15	0.033 643	9.865 655	7	217	
784	9.832 021	8	9.966 372	15	0.033 628	9.865 648	7	216	
785	9.832 029	8	9.966 388	16	0.033 612	9.865 641	7	215	
786	9.832 037	8	9.966 403	15	0.033 597	9.865 634	7	214	
787	9.832 046	9	9.966 418	15	0.033 582	9.865 627	7	213	
788	9.832 054	8	9.966 433	15	0.033 567	9.865 620	7	212	
789	9.832 062	8	9.966 448	15	0.033 552	9.865 613	7	211	
.790	9.832 070	8	9.966 464	16	0.033 536	9.865 606	7	.210	
791	9.832 078	8	9.966 479	15	0.033 521	9.865 599	7	209	
792	9.832 086	8	9.966 494	15	0.033 506	9.865 592	7	208	
793	9.832 095	9	9.966 509	15	0.033 491	9.865 585	7	207	
794	9.832 103	8	9.966 525	16	0.033 475	9.865 578	7	206	
795	9.832 111	8	9.966 540	15	0.033 460	9.865 571	7	205	
796	9.832 119	8	9.966 555	15	0.033 445	9.865 564	7	204	
797	9.832 127	8	9.966 570	15	0.033 430	9.865 557	7	203	
798	9.832 136	9	9.966 585	15	0.033 415	9.865 550	7	202	
799	9.832 144	8	9.966 601	16	0.033 399	9.865 543	7	201	
.800	9.832 152	8	9.966 616	15	0.033 384	9.865 536	7	.200	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

42°.800 — 42°.850

42°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.832 152	8	9.966 616	15	0.033 384	9.865 536	7	.200	
801	9.832 160	8	9.966 631	15	0.033 369	9.865 529	7	199	
802	9.832 168	8	9.966 646	15	0.033 354	9.865 522	7	198	
803	9.832 177	9	9.966 661	15	0.033 339	9.865 515	7	197	
		8		16			7		
804	9.832 185	8	9.966 677	15	0.033 323	9.865 508	7	196	
805	9.832 193	8	9.966 692	15	0.033 308	9.865 501	7	195	
806	9.832 201	8	9.966 707	15	0.033 293	9.865 494	7	194	
		8		15			7		
807	9.832 209	8	9.966 722	15	0.033 278	9.865 487	7	193	
808	9.832 217	9	9.966 737	15	0.033 263	9.865 480	7	192	
809	9.832 226	9	9.966 753	16	0.033 247	9.865 473	7	191	
		8		15			7		
.810	9.832 234	8	9.966 768	15	0.033 232	9.865 466	7	.190	
		8		15			7		
811	9.832 242	8	9.966 783	15	0.033 217	9.865 459	7	189	
812	9.832 250	8	9.966 798	15	0.033 202	9.865 452	7	188	
813	9.832 258	8	9.966 813	15	0.033 187	9.865 445	7	187	
		9		16			7		
814	9.832 267	8	9.966 829	15	0.033 171	9.865 438	7	186	
815	9.832 275	8	9.966 844	15	0.033 156	9.865 431	7	185	
816	9.832 283	8	9.966 859	15	0.033 141	9.865 424	7	184	
		8		15			7		
817	9.832 291	8	9.966 874	15	0.033 126	9.865 417	7	183	
818	9.832 299	8	9.966 889	15	0.033 111	9.865 410	7	182	
819	9.832 307	8	9.966 905	16	0.033 095	9.865 403	7	181	
		9		15			7		
.820	9.832 316	8	9.966 920	15	0.033 080	9.865 396	7	.180	
		8		15			7		
821	9.832 324	8	9.966 935	15	0.033 065	9.865 389	7	179	
822	9.832 332	8	9.966 950	15	0.033 050	9.865 382	7	178	
823	9.832 340	8	9.966 965	15	0.033 035	9.865 375	7	177	
		8		16			7		
824	9.832 348	8	9.966 981	15	0.033 019	9.865 368	7	176	
825	9.832 356	8	9.966 996	15	0.033 004	9.865 361	7	175	
826	9.832 365	9	9.967 011	15	0.032 989	9.865 354	7	174	
		8		15			7		
827	9.832 373	8	9.967 026	15	0.032 974	9.865 347	7	173	
828	9.832 381	8	9.967 041	15	0.032 959	9.865 340	7	172	
829	9.832 389	8	9.967 057	16	0.032 943	9.865 333	7	171	
		8		15			7		
.830	9.832 397	9	9.967 072	15	0.032 928	9.865 326	7	.170	
		8		15			8		
831	9.832 406	8	9.967 087	15	0.032 913	9.865 318	7	169	
832	9.832 414	8	9.967 102	15	0.032 898	9.865 311	7	168	
833	9.832 422	8	9.967 117	15	0.032 883	9.865 304	7	167	
		8		16			7		
834	9.832 430	8	9.967 133	15	0.032 867	9.865 297	7	166	
835	9.832 438	8	9.967 148	15	0.032 852	9.865 290	7	165	
836	9.832 446	8	9.967 163	15	0.032 837	9.865 283	7	164	
		9		15			7		
837	9.832 455	8	9.967 178	15	0.032 822	9.865 276	7	163	
838	9.832 463	8	9.967 193	15	0.032 807	9.865 269	7	162	
839	9.832 471	8	9.967 209	16	0.032 791	9.865 262	7	161	
		8		15			7		
.840	9.832 479	8	9.967 224	15	0.032 776	9.865 255	7	.160	
		8		15			7		
841	9.832 487	8	9.967 239	15	0.032 761	9.865 248	7	159	
842	9.832 495	8	9.967 254	15	0.032 746	9.865 241	7	158	
843	9.832 504	9	9.967 270	16	0.032 730	9.865 234	7	157	
		8		15			7		
844	9.832 512	8	9.967 285	15	0.032 715	9.865 227	7	156	
845	9.832 520	8	9.967 300	15	0.032 700	9.865 220	7	155	
846	9.832 528	8	9.967 315	15	0.032 685	9.865 213	7	154	
		8		15			7		
847	9.832 536	9	9.967 330	16	0.032 670	9.865 206	7	153	
848	9.832 545	8	9.967 346	16	0.032 654	9.865 199	7	152	
849	9.832 553	8	9.967 361	15	0.032 639	9.865 192	7	151	
		8		15			7		
.850	9.832 561	8	9.967 376	15	0.032 624	9.865 185	7	.150	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.200 — 47°.150

Peters's table of 6-place logarithms (1921) (reconstruction, D. Roegel, 2016)

42°.850 — 42°.900

42°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.832 561	8	9.967 376	15	0.032 624	9.865 185	7	.150	
851	9.832 569	8	9.967 391	15	0.032 609	9.865 178	7	149	
852	9.832 577	8	9.967 406	16	0.032 594	9.865 171	7	148	
853	9.832 585	8	9.967 422	15	0.032 578	9.865 164	7	147	
854	9.832 594	9	9.967 437	15	0.032 563	9.865 157	7	146	
855	9.832 602	8	9.967 452	15	0.032 548	9.865 150	7	145	
856	9.832 610	8	9.967 467	15	0.032 533	9.865 143	7	144	
857	9.832 618	8	9.967 482	16	0.032 518	9.865 136	7	143	
858	9.832 626	8	9.967 498	15	0.032 502	9.865 129	7	142	
859	9.832 634	8	9.967 513	15	0.032 487	9.865 122	7	141	
.860	9.832 643	9	9.967 528	15	0.032 472	9.865 115	7	.140	
861	9.832 651	8	9.967 543	15	0.032 457	9.865 108	7	139	
862	9.832 659	8	9.967 558	15	0.032 442	9.865 101	7	138	
863	9.832 667	8	9.967 574	16	0.032 426	9.865 094	7	137	
864	9.832 675	8	9.967 589	15	0.032 411	9.865 086	8	136	
865	9.832 683	8	9.967 604	15	0.032 396	9.865 079	7	135	
866	9.832 692	9	9.967 619	15	0.032 381	9.865 072	7	134	
867	9.832 700	8	9.967 634	15	0.032 366	9.865 065	7	133	
868	9.832 708	8	9.967 650	16	0.032 350	9.865 058	7	132	
869	9.832 716	8	9.967 665	15	0.032 335	9.865 051	7	131	
.870	9.832 724	8	9.967 680	15	0.032 320	9.865 044	7	.130	
871	9.832 732	8	9.967 695	15	0.032 305	9.865 037	7	129	
872	9.832 741	9	9.967 710	15	0.032 290	9.865 030	7	128	
873	9.832 749	8	9.967 726	16	0.032 274	9.865 023	7	127	
874	9.832 757	8	9.967 741	15	0.032 259	9.865 016	7	126	
875	9.832 765	8	9.967 756	15	0.032 244	9.865 009	7	125	
876	9.832 773	8	9.967 771	15	0.032 229	9.865 002	7	124	
877	9.832 781	8	9.967 786	15	0.032 214	9.864 995	7	123	
878	9.832 790	9	9.967 802	16	0.032 198	9.864 988	7	122	
879	9.832 798	8	9.967 817	15	0.032 183	9.864 981	7	121	
.880	9.832 806	8	9.967 832	15	0.032 168	9.864 974	7	.120	
881	9.832 814	8	9.967 847	15	0.032 153	9.864 967	7	119	
882	9.832 822	8	9.967 862	15	0.032 138	9.864 960	7	118	
883	9.832 830	8	9.967 878	16	0.032 122	9.864 953	7	117	
884	9.832 839	9	9.967 893	15	0.032 107	9.864 946	7	116	
885	9.832 847	8	9.967 908	15	0.032 092	9.864 939	7	115	
886	9.832 855	8	9.967 923	15	0.032 077	9.864 932	7	114	
887	9.832 863	8	9.967 938	15	0.032 062	9.864 925	7	113	
888	9.832 871	8	9.967 954	16	0.032 046	9.864 918	7	112	
889	9.832 879	8	9.967 969	15	0.032 031	9.864 911	7	111	
.890	9.832 887	8	9.967 984	15	0.032 016	9.864 903	8	.110	
891	9.832 896	9	9.967 999	15	0.032 001	9.864 896	7	109	
892	9.832 904	8	9.968 014	15	0.031 986	9.864 889	7	108	
893	9.832 912	8	9.968 030	16	0.031 970	9.864 882	7	107	
894	9.832 920	8	9.968 045	15	0.031 955	9.864 875	7	106	
895	9.832 928	8	9.968 060	15	0.031 940	9.864 868	7	105	
896	9.832 936	8	9.968 075	15	0.031 925	9.864 861	7	104	
897	9.832 945	9	9.968 090	15	0.031 910	9.864 854	7	103	
898	9.832 953	8	9.968 106	16	0.031 894	9.864 847	7	102	
899	9.832 961	8	9.968 121	15	0.031 879	9.864 840	7	101	
.900	9.832 969	8	9.968 136	15	0.031 864	9.864 833	7	.100	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

	16	15
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1	0.7
2	1.4
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4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

47°.150 — 47°.100

42°.900 — 42°.950

42°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.832 969	8	9.968 136	15	0.031 864	9.864 833	7	.100	
901	9.832 977	8	9.968 151	15	0.031 849	9.864 826	7	099	
902	9.832 985	9	9.968 166	16	0.031 834	9.864 819	7	098	
903	9.832 994	8	9.968 182	15	0.031 818	9.864 812	7	097	
904	9.833 002	8	9.968 197	15	0.031 803	9.864 805	7	096	
905	9.833 010	8	9.968 212	15	0.031 788	9.864 798	7	095	
906	9.833 018	8	9.968 227	15	0.031 773	9.864 791	7	094	
907	9.833 026	8	9.968 242	16	0.031 758	9.864 784	7	093	
908	9.833 034	8	9.968 258	15	0.031 742	9.864 777	7	092	
909	9.833 042	9	9.968 273	15	0.031 727	9.864 770	7	091	
.910	9.833 051	8	9.968 288	15	0.031 712	9.864 763	7	.090	
911	9.833 059	8	9.968 303	15	0.031 697	9.864 756	7	089	
912	9.833 067	8	9.968 318	16	0.031 682	9.864 749	8	088	
913	9.833 075	8	9.968 334	15	0.031 666	9.864 741	7	087	
914	9.833 083	8	9.968 349	15	0.031 651	9.864 734	7	086	
915	9.833 091	8	9.968 364	15	0.031 636	9.864 727	7	085	
916	9.833 100	9	9.968 379	15	0.031 621	9.864 720	7	084	
917	9.833 108	8	9.968 394	15	0.031 606	9.864 713	7	083	
918	9.833 116	8	9.968 410	16	0.031 590	9.864 706	7	082	
919	9.833 124	8	9.968 425	15	0.031 575	9.864 699	7	081	
.920	9.833 132	8	9.968 440	15	0.031 560	9.864 692	7	.080	
921	9.833 140	8	9.968 455	15	0.031 545	9.864 685	7	079	
922	9.833 148	9	9.968 470	16	0.031 530	9.864 678	7	078	
923	9.833 157	8	9.968 486	15	0.031 514	9.864 671	7	077	
924	9.833 165	8	9.968 501	15	0.031 499	9.864 664	7	076	
925	9.833 173	8	9.968 516	15	0.031 484	9.864 657	7	075	
926	9.833 181	8	9.968 531	15	0.031 469	9.864 650	7	074	
927	9.833 189	8	9.968 546	16	0.031 454	9.864 643	7	073	
928	9.833 197	8	9.968 562	15	0.031 438	9.864 636	7	072	
929	9.833 205	9	9.968 577	15	0.031 423	9.864 629	7	071	
.930	9.833 214	8	9.968 592	15	0.031 408	9.864 622	7	.070	
931	9.833 222	8	9.968 607	15	0.031 393	9.864 615	7	069	
932	9.833 230	8	9.968 622	16	0.031 378	9.864 608	8	068	
933	9.833 238	8	9.968 638	15	0.031 362	9.864 600	7	067	
934	9.833 246	8	9.968 653	15	0.031 347	9.864 593	7	066	
935	9.833 254	9	9.968 668	15	0.031 332	9.864 586	7	065	
936	9.833 263	8	9.968 683	15	0.031 317	9.864 579	7	064	
937	9.833 271	8	9.968 698	16	0.031 302	9.864 572	7	063	
938	9.833 279	8	9.968 714	15	0.031 286	9.864 565	7	062	
939	9.833 287	8	9.968 729	15	0.031 271	9.864 558	7	061	
.940	9.833 295	8	9.968 744	15	0.031 256	9.864 551	7	.060	
941	9.833 303	8	9.968 759	15	0.031 241	9.864 544	7	059	
942	9.833 311	9	9.968 774	16	0.031 226	9.864 537	7	058	
943	9.833 320	8	9.968 790	15	0.031 210	9.864 530	7	057	
944	9.833 328	8	9.968 805	15	0.031 195	9.864 523	7	056	
945	9.833 336	8	9.968 820	15	0.031 180	9.864 516	7	055	
946	9.833 344	8	9.968 835	15	0.031 165	9.864 509	7	054	
947	9.833 352	8	9.968 850	16	0.031 150	9.864 502	7	053	
948	9.833 360	8	9.968 866	15	0.031 134	9.864 495	7	052	
949	9.833 368	9	9.968 881	15	0.031 119	9.864 488	7	051	
.950	9.833 377	8	9.968 896	15	0.031 104	9.864 481	7	.050	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

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3	2.1
4	2.8
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6	4.2
7	4.9
8	5.6
9	6.3

42°.950 — 43°.000

42°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.833 377	8	9.968 896	15	0.031 104	9.864 481	7	.050	
951	9.833 385	8	9.968 911	15	0.031 089	9.864 474	8	049	
952	9.833 393	8	9.968 926	16	0.031 074	9.864 466	7	048	
953	9.833 401	8	9.968 942	15	0.031 058	9.864 459	7	047	
954	9.833 409	8	9.968 957	15	0.031 043	9.864 452	7	046	
955	9.833 417	8	9.968 972	15	0.031 028	9.864 445	7	045	
956	9.833 425	8	9.968 987	15	0.031 013	9.864 438	7	044	
957	9.833 434	9	9.969 002	15	0.030 998	9.864 431	7	043	
958	9.833 442	8	9.969 018	16	0.030 982	9.864 424	7	042	
959	9.833 450	8	9.969 033	15	0.030 967	9.864 417	7	041	
.960	9.833 458	8	9.969 048	15	0.030 952	9.864 410	7	.040	
961	9.833 466	8	9.969 063	15	0.030 937	9.864 403	7	039	
962	9.833 474	8	9.969 078	15	0.030 922	9.864 396	7	038	
963	9.833 482	8	9.969 094	16	0.030 906	9.864 389	7	037	
964	9.833 491	9	9.969 109	15	0.030 891	9.864 382	7	036	
965	9.833 499	8	9.969 124	15	0.030 876	9.864 375	7	035	
966	9.833 507	8	9.969 139	15	0.030 861	9.864 368	7	034	
967	9.833 515	8	9.969 154	15	0.030 846	9.864 361	7	033	
968	9.833 523	8	9.969 170	16	0.030 830	9.864 354	7	032	
969	9.833 531	8	9.969 185	15	0.030 815	9.864 346	8	031	
.970	9.833 539	8	9.969 200	15	0.030 800	9.864 339	7	.030	
971	9.833 547	8	9.969 215	15	0.030 785	9.864 332	7	029	
972	9.833 556	9	9.969 230	15	0.030 770	9.864 325	7	028	
973	9.833 564	8	9.969 246	16	0.030 754	9.864 318	7	027	
974	9.833 572	8	9.969 261	15	0.030 739	9.864 311	7	026	
975	9.833 580	8	9.969 276	15	0.030 724	9.864 304	7	025	
976	9.833 588	8	9.969 291	15	0.030 709	9.864 297	7	024	
977	9.833 596	8	9.969 306	15	0.030 694	9.864 290	7	023	
978	9.833 604	8	9.969 322	16	0.030 678	9.864 283	7	022	
979	9.833 613	9	9.969 337	15	0.030 663	9.864 276	7	021	
.980	9.833 621	8	9.969 352	15	0.030 648	9.864 269	7	.020	
981	9.833 629	8	9.969 367	15	0.030 633	9.864 262	7	019	
982	9.833 637	8	9.969 382	15	0.030 618	9.864 255	7	018	
983	9.833 645	8	9.969 398	16	0.030 602	9.864 248	7	017	
984	9.833 653	8	9.969 413	15	0.030 587	9.864 241	7	016	
985	9.833 661	8	9.969 428	15	0.030 572	9.864 233	8	015	
986	9.833 670	9	9.969 443	15	0.030 557	9.864 226	7	014	
987	9.833 678	8	9.969 458	15	0.030 542	9.864 219	7	013	
988	9.833 686	8	9.969 474	16	0.030 526	9.864 212	7	012	
989	9.833 694	8	9.969 489	15	0.030 511	9.864 205	7	011	
.990	9.833 702	8	9.969 504	15	0.030 496	9.864 198	7	.010	
991	9.833 710	8	9.969 519	15	0.030 481	9.864 191	7	009	
992	9.833 718	8	9.969 534	15	0.030 466	9.864 184	7	008	
993	9.833 726	8	9.969 549	15	0.030 451	9.864 177	7	007	
994	9.833 735	9	9.969 565	16	0.030 435	9.864 170	7	006	
995	9.833 743	8	9.969 580	15	0.030 420	9.864 163	7	005	
996	9.833 751	8	9.969 595	15	0.030 405	9.864 156	7	004	
997	9.833 759	8	9.969 610	15	0.030 390	9.864 149	7	003	
998	9.833 767	8	9.969 625	15	0.030 375	9.864 142	7	002	
999	9.833 775	8	9.969 641	16	0.030 359	9.864 135	7	001	
*.000	9.833 783	8	9.969 656	15	0.030 344	9.864 127	8	.000	
	cos	d	cotg	d	tang	sin	d	47°	P.P.

47°.050 — 47°.000

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9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.000 — 43°.050

43°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.833 783	8	9.969 656	15	0.030 344	9.864 127	7	*.000	
001	9.833 791	9	9.969 671	15	0.030 329	9.864 120	7	999	
002	9.833 800	8	9.969 686	15	0.030 314	9.864 113	7	998	
003	9.833 808	8	9.969 701	15	0.030 299	9.864 106	7	997	
004	9.833 816	8	9.969 717	16	0.030 283	9.864 099	7	996	
005	9.833 824	8	9.969 732	15	0.030 268	9.864 092	7	995	
006	9.833 832	8	9.969 747	15	0.030 253	9.864 085	7	994	
007	9.833 840	8	9.969 762	15	0.030 238	9.864 078	7	993	
008	9.833 848	8	9.969 777	15	0.030 223	9.864 071	7	992	
009	9.833 856	8	9.969 793	16	0.030 207	9.864 064	7	991	
.010	9.833 865	9	9.969 808	15	0.030 192	9.864 057	7	.990	
011	9.833 873	8	9.969 823	15	0.030 177	9.864 050	7	989	
012	9.833 881	8	9.969 838	15	0.030 162	9.864 043	7	988	
013	9.833 889	8	9.969 853	15	0.030 147	9.864 036	7	987	
014	9.833 897	8	9.969 869	16	0.030 131	9.864 028	8	986	
015	9.833 905	8	9.969 884	15	0.030 116	9.864 021	7	985	
016	9.833 913	8	9.969 899	15	0.030 101	9.864 014	7	984	
017	9.833 921	8	9.969 914	15	0.030 086	9.864 007	7	983	
018	9.833 930	9	9.969 929	15	0.030 071	9.864 000	7	982	
019	9.833 938	8	9.969 945	16	0.030 055	9.863 993	7	981	
.020	9.833 946	8	9.969 960	15	0.030 040	9.863 986	7	.980	
021	9.833 954	8	9.969 975	15	0.030 025	9.863 979	7	979	
022	9.833 962	8	9.969 990	15	0.030 010	9.863 972	7	978	
023	9.833 970	8	9.970 005	15	0.029 995	9.863 965	7	977	
024	9.833 978	8	9.970 021	16	0.029 979	9.863 958	7	976	
025	9.833 986	8	9.970 036	15	0.029 964	9.863 951	7	975	
026	9.833 995	9	9.970 051	15	0.029 949	9.863 944	7	974	
027	9.834 003	8	9.970 066	15	0.029 934	9.863 937	7	973	
028	9.834 011	8	9.970 081	15	0.029 919	9.863 929	8	972	
029	9.834 019	8	9.970 097	16	0.029 903	9.863 922	7	971	
.030	9.834 027	8	9.970 112	15	0.029 888	9.863 915	7	.970	
031	9.834 035	8	9.970 127	15	0.029 873	9.863 908	7	969	
032	9.834 043	8	9.970 142	15	0.029 858	9.863 901	7	968	
033	9.834 051	8	9.970 157	15	0.029 843	9.863 894	7	967	
034	9.834 060	9	9.970 173	16	0.029 827	9.863 887	7	966	
035	9.834 068	8	9.970 188	15	0.029 812	9.863 880	7	965	
036	9.834 076	8	9.970 203	15	0.029 797	9.863 873	7	964	
037	9.834 084	8	9.970 218	15	0.029 782	9.863 866	7	963	
038	9.834 092	8	9.970 233	15	0.029 767	9.863 859	7	962	
039	9.834 100	8	9.970 249	16	0.029 751	9.863 852	7	961	
.040	9.834 108	8	9.970 264	15	0.029 736	9.863 845	7	.960	
041	9.834 116	8	9.970 279	15	0.029 721	9.863 837	8	959	
042	9.834 124	8	9.970 294	15	0.029 706	9.863 830	7	958	
043	9.834 133	9	9.970 309	15	0.029 691	9.863 823	7	957	
044	9.834 141	8	9.970 324	15	0.029 676	9.863 816	7	956	
045	9.834 149	8	9.970 340	16	0.029 660	9.863 809	7	955	
046	9.834 157	8	9.970 355	15	0.029 645	9.863 802	7	954	
047	9.834 165	8	9.970 370	15	0.029 630	9.863 795	7	953	
048	9.834 173	8	9.970 385	15	0.029 615	9.863 788	7	952	
049	9.834 181	8	9.970 400	15	0.029 600	9.863 781	7	951	
.050	9.834 189	8	9.970 416	16	0.029 584	9.863 774	7	.950	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

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8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.050 — 43°.100

43°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.834 189		9.970 416		0.029 584	9.863 774		.950	
051	9.834 198	9	9.970 431	15	0.029 569	9.863 767	7	949	
052	9.834 206	8	9.970 446	15	0.029 554	9.863 760	7	948	
053	9.834 214	8	9.970 461	15	0.029 539	9.863 752	8	947	
054	9.834 222	8	9.970 476	15	0.029 524	9.863 745	7	946	
055	9.834 230	8	9.970 492	16	0.029 508	9.863 738	7	945	
056	9.834 238	8	9.970 507	15	0.029 493	9.863 731	7	944	
057	9.834 246	8	9.970 522	15	0.029 478	9.863 724	7	943	
058	9.834 254	8	9.970 537	15	0.029 463	9.863 717	7	942	
059	9.834 262	8	9.970 552	15	0.029 448	9.863 710	7	941	
.060	9.834 271	9	9.970 568	16	0.029 432	9.863 703	7	.940	
061	9.834 279	8	9.970 583	15	0.029 417	9.863 696	7	939	
062	9.834 287	8	9.970 598	15	0.029 402	9.863 689	7	938	
063	9.834 295	8	9.970 613	15	0.029 387	9.863 682	7	937	
064	9.834 303	8	9.970 628	15	0.029 372	9.863 675	7	936	
065	9.834 311	8	9.970 644	16	0.029 356	9.863 667	8	935	
066	9.834 319	8	9.970 659	15	0.029 341	9.863 660	7	934	
067	9.834 327	8	9.970 674	15	0.029 326	9.863 653	7	933	
068	9.834 335	8	9.970 689	15	0.029 311	9.863 646	7	932	
069	9.834 344	9	9.970 704	15	0.029 296	9.863 639	7	931	
.070	9.834 352	8	9.970 720	16	0.029 280	9.863 632	7	.930	
071	9.834 360	8	9.970 735	15	0.029 265	9.863 625	7	929	
072	9.834 368	8	9.970 750	15	0.029 250	9.863 618	7	928	
073	9.834 376	8	9.970 765	15	0.029 235	9.863 611	7	927	
074	9.834 384	8	9.970 780	15	0.029 220	9.863 604	7	926	
075	9.834 392	8	9.970 796	16	0.029 204	9.863 597	7	925	
076	9.834 400	8	9.970 811	15	0.029 189	9.863 590	7	924	
077	9.834 408	8	9.970 826	15	0.029 174	9.863 582	8	923	
078	9.834 416	8	9.970 841	15	0.029 159	9.863 575	7	922	
079	9.834 425	9	9.970 856	15	0.029 144	9.863 568	7	921	
.080	9.834 433	8	9.970 871	15	0.029 129	9.863 561	7	.920	
081	9.834 441	8	9.970 887	16	0.029 113	9.863 554	7	919	
082	9.834 449	8	9.970 902	15	0.029 098	9.863 547	7	918	
083	9.834 457	8	9.970 917	15	0.029 083	9.863 540	7	917	
084	9.834 465	8	9.970 932	15	0.029 068	9.863 533	7	916	
085	9.834 473	8	9.970 947	15	0.029 053	9.863 526	7	915	
086	9.834 481	8	9.970 963	16	0.029 037	9.863 519	7	914	
087	9.834 489	8	9.970 978	15	0.029 022	9.863 512	7	913	
088	9.834 498	9	9.970 993	15	0.029 007	9.863 504	8	912	
089	9.834 506	8	9.971 008	15	0.028 992	9.863 497	7	911	
.090	9.834 514	8	9.971 023	15	0.028 977	9.863 490	7	.910	
091	9.834 522	8	9.971 039	16	0.028 961	9.863 483	7	909	
092	9.834 530	8	9.971 054	15	0.028 946	9.863 476	7	908	
093	9.834 538	8	9.971 069	15	0.028 931	9.863 469	7	907	
094	9.834 546	8	9.971 084	15	0.028 916	9.863 462	7	906	
095	9.834 554	8	9.971 099	15	0.028 901	9.863 455	7	905	
096	9.834 562	8	9.971 115	16	0.028 885	9.863 448	7	904	
097	9.834 570	8	9.971 130	15	0.028 870	9.863 441	7	903	
098	9.834 579	9	9.971 145	15	0.028 855	9.863 434	7	902	
099	9.834 587	8	9.971 160	15	0.028 840	9.863 426	8	901	
.100	9.834 595	8	9.971 175	15	0.028 825	9.863 419	7	.900	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.100 — 43°.150

43°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.834 595	8	9.971 175	16	0.028 825	9.863 419	7	.900	
101	9.834 603	8	9.971 191	15	0.028 809	9.863 412	7	899	
102	9.834 611	8	9.971 206	15	0.028 794	9.863 405	7	898	
103	9.834 619	8	9.971 221	15	0.028 779	9.863 398	7	897	
104	9.834 627	8	9.971 236	15	0.028 764	9.863 391	7	896	
105	9.834 635	8	9.971 251	16	0.028 749	9.863 384	7	895	
106	9.834 643	8	9.971 267	15	0.028 733	9.863 377	7	894	
107	9.834 651	9	9.971 282	15	0.028 718	9.863 370	7	893	
108	9.834 660	8	9.971 297	15	0.028 703	9.863 363	7	892	
109	9.834 668	8	9.971 312	15	0.028 688	9.863 356	7	891	
.110	9.834 676	8	9.971 327	15	0.028 673	9.863 348	8	.890	
111	9.834 684	8	9.971 342	15	0.028 658	9.863 341	7	889	
112	9.834 692	8	9.971 358	16	0.028 642	9.863 334	7	888	
113	9.834 700	8	9.971 373	15	0.028 627	9.863 327	7	887	
114	9.834 708	8	9.971 388	15	0.028 612	9.863 320	7	886	
115	9.834 716	8	9.971 403	15	0.028 597	9.863 313	7	885	
116	9.834 724	8	9.971 418	15	0.028 582	9.863 306	7	884	
117	9.834 732	8	9.971 434	16	0.028 566	9.863 299	7	883	
118	9.834 741	9	9.971 449	15	0.028 551	9.863 292	7	882	
119	9.834 749	8	9.971 464	15	0.028 536	9.863 285	7	881	
.120	9.834 757	8	9.971 479	15	0.028 521	9.863 277	8	.880	
121	9.834 765	8	9.971 494	15	0.028 506	9.863 270	7	879	
122	9.834 773	8	9.971 510	16	0.028 490	9.863 263	7	878	
123	9.834 781	8	9.971 525	15	0.028 475	9.863 256	7	877	
124	9.834 789	8	9.971 540	15	0.028 460	9.863 249	7	876	
125	9.834 797	8	9.971 555	15	0.028 445	9.863 242	7	875	
126	9.834 805	8	9.971 570	15	0.028 430	9.863 235	7	874	
127	9.834 813	8	9.971 586	16	0.028 414	9.863 228	7	873	
128	9.834 821	8	9.971 601	15	0.028 399	9.863 221	7	872	
129	9.834 830	9	9.971 616	15	0.028 384	9.863 214	7	871	
.130	9.834 838	8	9.971 631	15	0.028 369	9.863 206	8	.870	
131	9.834 846	8	9.971 646	15	0.028 354	9.863 199	7	869	
132	9.834 854	8	9.971 662	16	0.028 338	9.863 192	7	868	
133	9.834 862	8	9.971 677	15	0.028 323	9.863 185	7	867	
134	9.834 870	8	9.971 692	15	0.028 308	9.863 178	7	866	
135	9.834 878	8	9.971 707	15	0.028 293	9.863 171	7	865	
136	9.834 886	8	9.971 722	15	0.028 278	9.863 164	7	864	
137	9.834 894	8	9.971 737	15	0.028 263	9.863 157	7	863	
138	9.834 902	8	9.971 753	16	0.028 247	9.863 150	7	862	
139	9.834 910	8	9.971 768	15	0.028 232	9.863 143	7	861	
.140	9.834 919	9	9.971 783	15	0.028 217	9.863 135	8	.860	
141	9.834 927	8	9.971 798	15	0.028 202	9.863 128	7	859	
142	9.834 935	8	9.971 813	15	0.028 187	9.863 121	7	858	
143	9.834 943	8	9.971 829	16	0.028 171	9.863 114	7	857	
144	9.834 951	8	9.971 844	15	0.028 156	9.863 107	7	856	
145	9.834 959	8	9.971 859	15	0.028 141	9.863 100	7	855	
146	9.834 967	8	9.971 874	15	0.028 126	9.863 093	7	854	
147	9.834 975	8	9.971 889	15	0.028 111	9.863 086	7	853	
148	9.834 983	8	9.971 905	16	0.028 095	9.863 079	7	852	
149	9.834 991	8	9.971 920	15	0.028 080	9.863 072	7	851	
.150	9.834 999	8	9.971 935	15	0.028 065	9.863 064	8	.850	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.150 — 43°.200

43°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.834 999	8	9.971 935	15	0.028 065	9.863 064	7	.850	
151	9.835 007	9	9.971 950	15	0.028 050	9.863 057	7	849	
152	9.835 016	8	9.971 965	16	0.028 035	9.863 050	7	848	
153	9.835 024	8	9.971 981	15	0.028 019	9.863 043	7	847	
154	9.835 032	8	9.971 996	15	0.028 004	9.863 036	7	846	
155	9.835 040	8	9.972 011	15	0.027 989	9.863 029	7	845	
156	9.835 048	8	9.972 026	15	0.027 974	9.863 022	7	844	
157	9.835 056	8	9.972 041	16	0.027 959	9.863 015	7	843	
158	9.835 064	8	9.972 057	15	0.027 943	9.863 008	8	842	
159	9.835 072	8	9.972 072	15	0.027 928	9.863 000	7	841	
.160	9.835 080	8	9.972 087	15	0.027 913	9.862 993	7	.840	
161	9.835 088	8	9.972 102	15	0.027 898	9.862 986	7	839	
162	9.835 096	8	9.972 117	15	0.027 883	9.862 979	7	838	
163	9.835 104	8	9.972 132	16	0.027 868	9.862 972	7	837	
164	9.835 113	9	9.972 148	15	0.027 852	9.862 965	7	836	
165	9.835 121	8	9.972 163	15	0.027 837	9.862 958	7	835	
166	9.835 129	8	9.972 178	15	0.027 822	9.862 951	7	834	
167	9.835 137	8	9.972 193	15	0.027 807	9.862 944	7	833	
168	9.835 145	8	9.972 208	16	0.027 792	9.862 936	8	832	
169	9.835 153	8	9.972 224	15	0.027 776	9.862 929	7	831	
.170	9.835 161	8	9.972 239	15	0.027 761	9.862 922	7	.830	
171	9.835 169	8	9.972 254	15	0.027 746	9.862 915	7	829	
172	9.835 177	8	9.972 269	15	0.027 731	9.862 908	7	828	
173	9.835 185	8	9.972 284	16	0.027 716	9.862 901	7	827	
174	9.835 193	8	9.972 300	15	0.027 700	9.862 894	7	826	
175	9.835 201	8	9.972 315	15	0.027 685	9.862 887	7	825	
176	9.835 210	9	9.972 330	15	0.027 670	9.862 880	7	824	
177	9.835 218	8	9.972 345	15	0.027 655	9.862 872	8	823	
178	9.835 226	8	9.972 360	15	0.027 640	9.862 865	7	822	
179	9.835 234	8	9.972 376	16	0.027 624	9.862 858	7	821	
.180	9.835 242	8	9.972 391	15	0.027 609	9.862 851	7	.820	
181	9.835 250	8	9.972 406	15	0.027 594	9.862 844	7	819	
182	9.835 258	8	9.972 421	15	0.027 579	9.862 837	7	818	
183	9.835 266	8	9.972 436	15	0.027 564	9.862 830	7	817	
184	9.835 274	8	9.972 451	16	0.027 549	9.862 823	7	816	
185	9.835 282	8	9.972 467	15	0.027 533	9.862 816	8	815	
186	9.835 290	8	9.972 482	15	0.027 518	9.862 808	7	814	
187	9.835 298	8	9.972 497	15	0.027 503	9.862 801	7	813	
188	9.835 306	8	9.972 512	15	0.027 488	9.862 794	7	812	
189	9.835 315	9	9.972 527	15	0.027 473	9.862 787	7	811	
.190	9.835 323	8	9.972 543	16	0.027 457	9.862 780	7	.810	
191	9.835 331	8	9.972 558	15	0.027 442	9.862 773	7	809	
192	9.835 339	8	9.972 573	15	0.027 427	9.862 766	7	808	
193	9.835 347	8	9.972 588	15	0.027 412	9.862 759	7	807	
194	9.835 355	8	9.972 603	15	0.027 397	9.862 752	7	806	
195	9.835 363	8	9.972 619	16	0.027 381	9.862 744	8	805	
196	9.835 371	8	9.972 634	15	0.027 366	9.862 737	7	804	
197	9.835 379	8	9.972 649	15	0.027 351	9.862 730	7	803	
198	9.835 387	8	9.972 664	15	0.027 336	9.862 723	7	802	
199	9.835 395	8	9.972 679	15	0.027 321	9.862 716	7	801	
.200	9.835 403	8	9.972 695	16	0.027 305	9.862 709	7	.800	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

46°.850 — 46°.800

	16	15
1	1.6	1.5
2	3.2	3.0
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5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.200 — 43°.250

43°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.835 403	8	9.972 695	15	0.027 305	9.862 709	7	.800	
201	9.835 411	8	9.972 710	15	0.027 290	9.862 702	7	799	
202	9.835 419	9	9.972 725	15	0.027 275	9.862 695	7	798	
203	9.835 428	8	9.972 740	15	0.027 260	9.862 687	8	797	
204	9.835 436	8	9.972 755	15	0.027 245	9.862 680	7	796	
205	9.835 444	8	9.972 770	15	0.027 230	9.862 673	7	795	
206	9.835 452	8	9.972 786	16	0.027 214	9.862 666	7	794	
207	9.835 460	8	9.972 801	15	0.027 199	9.862 659	7	793	
208	9.835 468	8	9.972 816	15	0.027 184	9.862 652	7	792	
209	9.835 476	8	9.972 831	15	0.027 169	9.862 645	7	791	
.210	9.835 484	8	9.972 846	15	0.027 154	9.862 638	7	.790	
211	9.835 492	8	9.972 862	16	0.027 138	9.862 631	7	789	
212	9.835 500	8	9.972 877	15	0.027 123	9.862 623	8	788	
213	9.835 508	8	9.972 892	15	0.027 108	9.862 616	7	787	
214	9.835 516	8	9.972 907	15	0.027 093	9.862 609	7	786	
215	9.835 524	8	9.972 922	15	0.027 078	9.862 602	7	785	
216	9.835 532	8	9.972 938	16	0.027 062	9.862 595	7	784	
217	9.835 541	9	9.972 953	15	0.027 047	9.862 588	7	783	
218	9.835 549	8	9.972 968	15	0.027 032	9.862 581	7	782	
219	9.835 557	8	9.972 983	15	0.027 017	9.862 574	7	781	
.220	9.835 565	8	9.972 998	15	0.027 002	9.862 566	8	.780	
221	9.835 573	8	9.973 013	15	0.026 987	9.862 559	7	779	
222	9.835 581	8	9.973 029	16	0.026 971	9.862 552	7	778	
223	9.835 589	8	9.973 044	15	0.026 956	9.862 545	7	777	
224	9.835 597	8	9.973 059	15	0.026 941	9.862 538	7	776	
225	9.835 605	8	9.973 074	15	0.026 926	9.862 531	7	775	
226	9.835 613	8	9.973 089	15	0.026 911	9.862 524	7	774	
227	9.835 621	8	9.973 105	16	0.026 895	9.862 517	7	773	
228	9.835 629	8	9.973 120	15	0.026 880	9.862 509	8	772	
229	9.835 637	8	9.973 135	15	0.026 865	9.862 502	7	771	
.230	9.835 645	8	9.973 150	15	0.026 850	9.862 495	7	.770	
231	9.835 653	8	9.973 165	15	0.026 835	9.862 488	7	769	
232	9.835 661	8	9.973 181	16	0.026 819	9.862 481	7	768	
233	9.835 670	9	9.973 196	15	0.026 804	9.862 474	7	767	
234	9.835 678	8	9.973 211	15	0.026 789	9.862 467	7	766	
235	9.835 686	8	9.973 226	15	0.026 774	9.862 460	7	765	
236	9.835 694	8	9.973 241	15	0.026 759	9.862 452	8	764	
237	9.835 702	8	9.973 256	15	0.026 744	9.862 445	7	763	
238	9.835 710	8	9.973 272	16	0.026 728	9.862 438	7	762	
239	9.835 718	8	9.973 287	15	0.026 713	9.862 431	7	761	
.240	9.835 726	8	9.973 302	15	0.026 698	9.862 424	7	.760	
241	9.835 734	8	9.973 317	15	0.026 683	9.862 417	7	759	
242	9.835 742	8	9.973 332	15	0.026 668	9.862 410	7	758	
243	9.835 750	8	9.973 348	16	0.026 652	9.862 403	7	757	
244	9.835 758	8	9.973 363	15	0.026 637	9.862 395	8	756	
245	9.835 766	8	9.973 378	15	0.026 622	9.862 388	7	755	
246	9.835 774	8	9.973 393	15	0.026 607	9.862 381	7	754	
247	9.835 782	8	9.973 408	15	0.026 592	9.862 374	7	753	
248	9.835 790	8	9.973 424	16	0.026 576	9.862 367	7	752	
249	9.835 799	9	9.973 439	15	0.026 561	9.862 360	7	751	
.250	9.835 807	8	9.973 454	15	0.026 546	9.862 353	7	.750	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

46°.800 — 46°.750

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.250 — 43°.300

43°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.835 807	8	9.973 454	15	0.026 546	9.862 353	8	.750	
251	9.835 815	8	9.973 469	15	0.026 531	9.862 345	7	749	
252	9.835 823	8	9.973 484	16	0.026 516	9.862 338	7	748	
253	9.835 831	8	9.973 500	15	0.026 500	9.862 331	7	747	
254	9.835 839	8	9.973 515	15	0.026 485	9.862 324	7	746	
255	9.835 847	8	9.973 530	15	0.026 470	9.862 317	7	745	
256	9.835 855	8	9.973 545	15	0.026 455	9.862 310	7	744	
257	9.835 863	8	9.973 560	15	0.026 440	9.862 303	7	743	
258	9.835 871	8	9.973 575	16	0.026 425	9.862 296	8	742	
259	9.835 879	8	9.973 591	15	0.026 409	9.862 288	7	741	
.260	9.835 887	8	9.973 606	15	0.026 394	9.862 281	7	.740	
261	9.835 895	8	9.973 621	15	0.026 379	9.862 274	7	739	
262	9.835 903	8	9.973 636	15	0.026 364	9.862 267	7	738	
263	9.835 911	8	9.973 651	16	0.026 349	9.862 260	7	737	
264	9.835 919	8	9.973 667	15	0.026 333	9.862 253	7	736	
265	9.835 927	8	9.973 682	15	0.026 318	9.862 246	7	735	
266	9.835 935	8	9.973 697	15	0.026 303	9.862 239	7	734	
267	9.835 944	9	9.973 712	15	0.026 288	9.862 231	8	733	
268	9.835 952	8	9.973 727	15	0.026 273	9.862 224	7	732	
269	9.835 960	8	9.973 743	16	0.026 257	9.862 217	7	731	
.270	9.835 968	8	9.973 758	15	0.026 242	9.862 210	7	.730	
271	9.835 976	8	9.973 773	15	0.026 227	9.862 203	7	729	
272	9.835 984	8	9.973 788	15	0.026 212	9.862 196	7	728	
273	9.835 992	8	9.973 803	15	0.026 197	9.862 189	7	727	
274	9.836 000	8	9.973 818	15	0.026 182	9.862 181	8	726	
275	9.836 008	8	9.973 834	16	0.026 166	9.862 174	7	725	
276	9.836 016	8	9.973 849	15	0.026 151	9.862 167	7	724	
277	9.836 024	8	9.973 864	15	0.026 136	9.862 160	7	723	
278	9.836 032	8	9.973 879	15	0.026 121	9.862 153	7	722	
279	9.836 040	8	9.973 894	15	0.026 106	9.862 146	7	721	
.280	9.836 048	8	9.973 910	16	0.026 090	9.862 139	7	.720	
281	9.836 056	8	9.973 925	15	0.026 075	9.862 131	8	719	
282	9.836 064	8	9.973 940	15	0.026 060	9.862 124	7	718	
283	9.836 072	8	9.973 955	15	0.026 045	9.862 117	7	717	
284	9.836 080	8	9.973 970	15	0.026 030	9.862 110	7	716	
285	9.836 088	8	9.973 986	16	0.026 014	9.862 103	7	715	
286	9.836 096	8	9.974 001	15	0.025 999	9.862 096	7	714	
287	9.836 105	9	9.974 016	15	0.025 984	9.862 089	7	713	
288	9.836 113	8	9.974 031	15	0.025 969	9.862 081	8	712	
289	9.836 121	8	9.974 046	15	0.025 954	9.862 074	7	711	
.290	9.836 129	8	9.974 061	16	0.025 939	9.862 067	7	.710	
291	9.836 137	8	9.974 077	15	0.025 923	9.862 060	7	709	
292	9.836 145	8	9.974 092	15	0.025 908	9.862 053	7	708	
293	9.836 153	8	9.974 107	15	0.025 893	9.862 046	7	707	
294	9.836 161	8	9.974 122	15	0.025 878	9.862 039	7	706	
295	9.836 169	8	9.974 137	15	0.025 863	9.862 032	7	705	
296	9.836 177	8	9.974 153	16	0.025 847	9.862 024	8	704	
297	9.836 185	8	9.974 168	15	0.025 832	9.862 017	7	703	
298	9.836 193	8	9.974 183	15	0.025 817	9.862 010	7	702	
299	9.836 201	8	9.974 198	15	0.025 802	9.862 003	7	701	
.300	9.836 209	8	9.974 213	15	0.025 787	9.861 996	7	.700	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

46°.750 — 46°.700

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

43°.300 — 43°.350

43°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.836 209	8	9.974 213	15	0.025 787	9.861 996	7	.700	
301	9.836 217	8	9.974 228	16	0.025 772	9.861 989	7	699	
302	9.836 225	8	9.974 244	15	0.025 756	9.861 982	7	698	
303	9.836 233	8	9.974 259	15	0.025 741	9.861 974	8	697	
304	9.836 241	8	9.974 274	15	0.025 726	9.861 967	7	696	
305	9.836 249	8	9.974 289	15	0.025 711	9.861 960	7	695	
306	9.836 257	8	9.974 304	15	0.025 696	9.861 953	7	694	
307	9.836 265	8	9.974 320	16	0.025 680	9.861 946	7	693	
308	9.836 273	8	9.974 335	15	0.025 665	9.861 939	7	692	
309	9.836 281	8	9.974 350	15	0.025 650	9.861 931	8	691	
.310	9.836 290	9	9.974 365	15	0.025 635	9.861 924	7	.690	
311	9.836 298	8	9.974 380	15	0.025 620	9.861 917	7	689	
312	9.836 306	8	9.974 396	16	0.025 604	9.861 910	7	688	
313	9.836 314	8	9.974 411	15	0.025 589	9.861 903	7	687	
314	9.836 322	8	9.974 426	15	0.025 574	9.861 896	7	686	
315	9.836 330	8	9.974 441	15	0.025 559	9.861 889	7	685	
316	9.836 338	8	9.974 456	15	0.025 544	9.861 881	8	684	
317	9.836 346	8	9.974 471	15	0.025 529	9.861 874	7	683	
318	9.836 354	8	9.974 487	16	0.025 513	9.861 867	7	682	
319	9.836 362	8	9.974 502	15	0.025 498	9.861 860	7	681	
.320	9.836 370	8	9.974 517	15	0.025 483	9.861 853	7	.680	
321	9.836 378	8	9.974 532	15	0.025 468	9.861 846	7	679	
322	9.836 386	8	9.974 547	15	0.025 453	9.861 839	7	678	
323	9.836 394	8	9.974 563	16	0.025 437	9.861 831	8	677	
324	9.836 402	8	9.974 578	15	0.025 422	9.861 824	7	676	
325	9.836 410	8	9.974 593	15	0.025 407	9.861 817	7	675	
326	9.836 418	8	9.974 608	15	0.025 392	9.861 810	7	674	
327	9.836 426	8	9.974 623	15	0.025 377	9.861 803	7	673	
328	9.836 434	8	9.974 639	16	0.025 361	9.861 796	7	672	
329	9.836 442	8	9.974 654	15	0.025 346	9.861 789	7	671	
.330	9.836 450	8	9.974 669	15	0.025 331	9.861 781	8	.670	
331	9.836 458	8	9.974 684	15	0.025 316	9.861 774	7	669	
332	9.836 466	8	9.974 699	15	0.025 301	9.861 767	7	668	
333	9.836 474	8	9.974 714	15	0.025 286	9.861 760	7	667	
334	9.836 482	8	9.974 730	16	0.025 270	9.861 753	7	666	
335	9.836 490	8	9.974 745	15	0.025 255	9.861 746	7	665	
336	9.836 498	8	9.974 760	15	0.025 240	9.861 738	8	664	
337	9.836 507	9	9.974 775	15	0.025 225	9.861 731	7	663	
338	9.836 515	8	9.974 790	15	0.025 210	9.861 724	7	662	
339	9.836 523	8	9.974 806	16	0.025 194	9.861 717	7	661	
.340	9.836 531	8	9.974 821	15	0.025 179	9.861 710	7	.660	
341	9.836 539	8	9.974 836	15	0.025 164	9.861 703	7	659	
342	9.836 547	8	9.974 851	15	0.025 149	9.861 696	7	658	
343	9.836 555	8	9.974 866	15	0.025 134	9.861 688	8	657	
344	9.836 563	8	9.974 881	15	0.025 119	9.861 681	7	656	
345	9.836 571	8	9.974 897	16	0.025 103	9.861 674	7	655	
346	9.836 579	8	9.974 912	15	0.025 088	9.861 667	7	654	
347	9.836 587	8	9.974 927	15	0.025 073	9.861 660	7	653	
348	9.836 595	8	9.974 942	15	0.025 058	9.861 653	7	652	
349	9.836 603	8	9.974 957	15	0.025 043	9.861 645	8	651	
.350	9.836 611	8	9.974 973	16	0.025 027	9.861 638	7	.650	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.700 — 46°.650

43°.350 — 43°.400

43°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.836 611	8	9.974 973	15	0.025 027	9.861 638	7	.650	
351	9.836 619	8	9.974 988	15	0.025 012	9.861 631	7	649	
352	9.836 627	8	9.975 003	15	0.024 997	9.861 624	7	648	
353	9.836 635	8	9.975 018	15	0.024 982	9.861 617	7	647	
354	9.836 643	8	9.975 033	15	0.024 967	9.861 610	7	646	
355	9.836 651	8	9.975 049	16	0.024 951	9.861 603	7	645	
356	9.836 659	8	9.975 064	15	0.024 936	9.861 595	8	644	
357	9.836 667	8	9.975 079	15	0.024 921	9.861 588	7	643	
358	9.836 675	8	9.975 094	15	0.024 906	9.861 581	7	642	
359	9.836 683	8	9.975 109	15	0.024 891	9.861 574	7	641	
.360	9.836 691	8	9.975 124	15	0.024 876	9.861 567	7	.640	
361	9.836 699	8	9.975 140	16	0.024 860	9.861 560	7	639	
362	9.836 707	8	9.975 155	15	0.024 845	9.861 552	8	638	
363	9.836 715	8	9.975 170	15	0.024 830	9.861 545	7	637	
364	9.836 723	8	9.975 185	15	0.024 815	9.861 538	7	636	
365	9.836 731	8	9.975 200	15	0.024 800	9.861 531	7	635	
366	9.836 739	8	9.975 216	16	0.024 784	9.861 524	7	634	
367	9.836 747	8	9.975 231	15	0.024 769	9.861 517	7	633	
368	9.836 755	8	9.975 246	15	0.024 754	9.861 509	8	632	
369	9.836 763	8	9.975 261	15	0.024 739	9.861 502	7	631	
.370	9.836 771	8	9.975 276	15	0.024 724	9.861 495	7	.630	
371	9.836 779	8	9.975 291	15	0.024 709	9.861 488	7	629	
372	9.836 788	9	9.975 307	16	0.024 693	9.861 481	7	628	
373	9.836 796	8	9.975 322	15	0.024 678	9.861 474	7	627	
374	9.836 804	8	9.975 337	15	0.024 663	9.861 467	7	626	
375	9.836 812	8	9.975 352	15	0.024 648	9.861 459	8	625	
376	9.836 820	8	9.975 367	15	0.024 633	9.861 452	7	624	
377	9.836 828	8	9.975 383	16	0.024 617	9.861 445	7	623	
378	9.836 836	8	9.975 398	15	0.024 602	9.861 438	7	622	
379	9.836 844	8	9.975 413	15	0.024 587	9.861 431	7	621	
.380	9.836 852	8	9.975 428	15	0.024 572	9.861 424	7	.620	
381	9.836 860	8	9.975 443	15	0.024 557	9.861 416	8	619	
382	9.836 868	8	9.975 458	15	0.024 542	9.861 409	7	618	
383	9.836 876	8	9.975 474	16	0.024 526	9.861 402	7	617	
384	9.836 884	8	9.975 489	15	0.024 511	9.861 395	7	616	
385	9.836 892	8	9.975 504	15	0.024 496	9.861 388	7	615	
386	9.836 900	8	9.975 519	15	0.024 481	9.861 381	7	614	
387	9.836 908	8	9.975 534	15	0.024 466	9.861 373	8	613	
388	9.836 916	8	9.975 550	16	0.024 450	9.861 366	7	612	
389	9.836 924	8	9.975 565	15	0.024 435	9.861 359	7	611	
.390	9.836 932	8	9.975 580	15	0.024 420	9.861 352	7	.610	
391	9.836 940	8	9.975 595	15	0.024 405	9.861 345	7	609	
392	9.836 948	8	9.975 610	15	0.024 390	9.861 338	7	608	
393	9.836 956	8	9.975 626	16	0.024 374	9.861 330	8	607	
394	9.836 964	8	9.975 641	15	0.024 359	9.861 323	7	606	
395	9.836 972	8	9.975 656	15	0.024 344	9.861 316	7	605	
396	9.836 980	8	9.975 671	15	0.024 329	9.861 309	7	604	
397	9.836 988	8	9.975 686	15	0.024 314	9.861 302	7	603	
398	9.836 996	8	9.975 701	15	0.024 299	9.861 295	7	602	
399	9.837 004	8	9.975 717	16	0.024 283	9.861 287	8	601	
.400	9.837 012	8	9.975 732	15	0.024 268	9.861 280	7	.600	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	9	8
1	0.9	0.8
2	1.8	1.6
3	2.7	2.4
4	3.6	3.2
5	4.5	4.0
6	5.4	4.8
7	6.3	5.6
8	7.2	6.4
9	8.1	7.2

	7
1	0.7
2	1.4
3	2.1
4	2.8
5	3.5
6	4.2
7	4.9
8	5.6
9	6.3

46°.650 — 46°.600

43°.400 — 43°.450

43°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.837 012	8	9.975 732	15	0.024 268	9.861 280	7	.600	
401	9.837 020	8	9.975 747	15	0.024 253	9.861 273	7	599	
402	9.837 028	8	9.975 762	15	0.024 238	9.861 266	7	598	
403	9.837 036	8	9.975 777	15	0.024 223	9.861 259	7	597	
		8		16			7		
404	9.837 044	8	9.975 793	15	0.024 207	9.861 252	8	596	
405	9.837 052	8	9.975 808	15	0.024 192	9.861 244	7	595	
406	9.837 060	8	9.975 823	15	0.024 177	9.861 237	7	594	
		8		15			7		
407	9.837 068	8	9.975 838	15	0.024 162	9.861 230	7	593	
408	9.837 076	8	9.975 853	15	0.024 147	9.861 223	7	592	
409	9.837 084	8	9.975 868	15	0.024 132	9.861 216	7	591	
		8		16			7		
.410	9.837 092	8	9.975 884	15	0.024 116	9.861 209	8	.590	
		8		15			8		
411	9.837 100	8	9.975 899	15	0.024 101	9.861 201	7	589	
412	9.837 108	8	9.975 914	15	0.024 086	9.861 194	7	588	
413	9.837 116	8	9.975 929	15	0.024 071	9.861 187	7	587	
		8		15			7		
414	9.837 124	8	9.975 944	15	0.024 056	9.861 180	7	586	
415	9.837 132	8	9.975 960	16	0.024 040	9.861 173	7	585	
416	9.837 140	8	9.975 975	15	0.024 025	9.861 166	7	584	
		8		15			8		
417	9.837 148	8	9.975 990	15	0.024 010	9.861 158	7	583	
418	9.837 156	8	9.976 005	15	0.023 995	9.861 151	7	582	
419	9.837 164	8	9.976 020	15	0.023 980	9.861 144	7	581	
		8		15			7		
.420	9.837 172	8	9.976 035	16	0.023 965	9.861 137	7	.580	
		8		16			7		
421	9.837 180	8	9.976 051	15	0.023 949	9.861 130	8	579	
422	9.837 188	8	9.976 066	15	0.023 934	9.861 122	7	578	
423	9.837 196	8	9.976 081	15	0.023 919	9.861 115	7	577	
		8		15			7		
424	9.837 204	8	9.976 096	15	0.023 904	9.861 108	7	576	
425	9.837 212	8	9.976 111	15	0.023 889	9.861 101	7	575	
426	9.837 220	8	9.976 127	16	0.023 873	9.861 094	7	574	
		8		15			7		
427	9.837 228	8	9.976 142	15	0.023 858	9.861 087	8	573	
428	9.837 236	8	9.976 157	15	0.023 843	9.861 079	7	572	
429	9.837 244	8	9.976 172	15	0.023 828	9.861 072	7	571	
		8		15			7		
.430	9.837 252	8	9.976 187	15	0.023 813	9.861 065	7	.570	
		8		15			7		
431	9.837 260	8	9.976 202	16	0.023 798	9.861 058	7	569	
432	9.837 268	8	9.976 218	15	0.023 782	9.861 051	7	568	
433	9.837 276	8	9.976 233	15	0.023 767	9.861 044	8	567	
		8		15			8		
434	9.837 284	8	9.976 248	15	0.023 752	9.861 036	7	566	
435	9.837 292	8	9.976 263	15	0.023 737	9.861 029	7	565	
436	9.837 300	8	9.976 278	15	0.023 722	9.861 022	7	564	
		8		16			7		
437	9.837 308	8	9.976 294	15	0.023 706	9.861 015	7	563	
438	9.837 316	8	9.976 309	15	0.023 691	9.861 008	7	562	
439	9.837 324	8	9.976 324	15	0.023 676	9.861 001	7	561	
		8		15			8		
.440	9.837 332	8	9.976 339	15	0.023 661	9.860 993	7	.560	
		8		15			7		
441	9.837 340	8	9.976 354	15	0.023 646	9.860 986	7	559	
442	9.837 348	8	9.976 369	15	0.023 631	9.860 979	7	558	
443	9.837 356	8	9.976 385	16	0.023 615	9.860 972	7	557	
		8		15			7		
444	9.837 364	8	9.976 400	15	0.023 600	9.860 965	8	556	
445	9.837 372	8	9.976 415	15	0.023 585	9.860 957	7	555	
446	9.837 380	8	9.976 430	15	0.023 570	9.860 950	7	554	
		8		15			7		
447	9.837 388	8	9.976 445	16	0.023 555	9.860 943	7	553	
448	9.837 396	8	9.976 461	15	0.023 539	9.860 936	7	552	
449	9.837 404	8	9.976 476	15	0.023 524	9.860 929	7	551	
		8		15			7		
.450	9.837 412	8	9.976 491	15	0.023 509	9.860 922	7	.550	
		8		15			7		
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.600 — 46°.550

43°.450 — 43°.500

43°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.837 412	8	9.976 491	15	0.023 509	9.860 922	8	.550	
451	9.837 420	8	9.976 506	15	0.023 494	9.860 914	8	549	
452	9.837 428	8	9.976 521	15	0.023 479	9.860 907	7	548	
453	9.837 436	8	9.976 536	15	0.023 464	9.860 900	7	547	
		8		16			7		
454	9.837 444	8	9.976 552	15	0.023 448	9.860 893	7	546	
455	9.837 452	8	9.976 567	15	0.023 433	9.860 886	7	545	
456	9.837 460	8	9.976 582	15	0.023 418	9.860 878	8	544	
		8		15			7		
457	9.837 468	8	9.976 597	15	0.023 403	9.860 871	7	543	
458	9.837 476	8	9.976 612	15	0.023 388	9.860 864	7	542	
459	9.837 484	8	9.976 628	16	0.023 372	9.860 857	7	541	
		8		15			7		
.460	9.837 492	8	9.976 643	15	0.023 357	9.860 850	7	.540	
		8		15			7		
461	9.837 500	8	9.976 658	15	0.023 342	9.860 843	8	539	
462	9.837 508	8	9.976 673	15	0.023 327	9.860 835	8	538	
463	9.837 516	8	9.976 688	15	0.023 312	9.860 828	7	537	
		8		15			7		
464	9.837 524	8	9.976 703	15	0.023 297	9.860 821	7	536	
465	9.837 532	8	9.976 719	16	0.023 281	9.860 814	7	535	
466	9.837 540	8	9.976 734	15	0.023 266	9.860 807	7	534	
		8		15			8		
467	9.837 548	8	9.976 749	15	0.023 251	9.860 799	7	533	
468	9.837 556	8	9.976 764	15	0.023 236	9.860 792	7	532	
469	9.837 564	8	9.976 779	15	0.023 221	9.860 785	7	531	
		8		16			7		
.470	9.837 572	8	9.976 795	15	0.023 205	9.860 778	7	.530	
		8		15			7		
471	9.837 580	8	9.976 810	15	0.023 190	9.860 771	7	529	
472	9.837 588	8	9.976 825	15	0.023 175	9.860 764	7	528	
473	9.837 596	8	9.976 840	15	0.023 160	9.860 756	8	527	
		8		15			7		
474	9.837 604	8	9.976 855	15	0.023 145	9.860 749	7	526	
475	9.837 612	8	9.976 870	15	0.023 130	9.860 742	7	525	
476	9.837 620	8	9.976 886	16	0.023 114	9.860 735	7	524	
		8		15			7		
477	9.837 628	8	9.976 901	15	0.023 099	9.860 728	8	523	
478	9.837 636	8	9.976 916	15	0.023 084	9.860 720	7	522	
479	9.837 644	8	9.976 931	15	0.023 069	9.860 713	7	521	
		8		15			7		
.480	9.837 652	8	9.976 946	16	0.023 054	9.860 706	7	.520	
		8		15			7		
481	9.837 660	8	9.976 962	15	0.023 038	9.860 699	7	519	
482	9.837 668	8	9.976 977	15	0.023 023	9.860 692	8	518	
483	9.837 676	8	9.976 992	15	0.023 008	9.860 684	7	517	
		8		15			7		
484	9.837 684	8	9.977 007	15	0.022 993	9.860 677	7	516	
485	9.837 692	8	9.977 022	15	0.022 978	9.860 670	7	515	
486	9.837 700	8	9.977 037	15	0.022 963	9.860 663	7	514	
		8		16			7		
487	9.837 708	8	9.977 053	15	0.022 947	9.860 656	7	513	
488	9.837 716	8	9.977 068	15	0.022 932	9.860 649	7	512	
489	9.837 724	8	9.977 083	15	0.022 917	9.860 641	8	511	
		8		15			7		
.490	9.837 732	8	9.977 098	15	0.022 902	9.860 634	7	.510	
		8		15			7		
491	9.837 740	8	9.977 113	15	0.022 887	9.860 627	7	509	
492	9.837 748	8	9.977 129	16	0.022 871	9.860 620	7	508	
493	9.837 756	8	9.977 144	15	0.022 856	9.860 613	7	507	
		8		15			8		
494	9.837 764	8	9.977 159	15	0.022 841	9.860 605	7	506	
495	9.837 772	8	9.977 174	15	0.022 826	9.860 598	7	505	
496	9.837 780	8	9.977 189	15	0.022 811	9.860 591	7	504	
		8		15			7		
497	9.837 788	8	9.977 204	15	0.022 796	9.860 584	7	503	
498	9.837 796	8	9.977 220	16	0.022 780	9.860 577	7	502	
499	9.837 804	8	9.977 235	15	0.022 765	9.860 569	8	501	
		8		15			7		
.500	9.837 812	8	9.977 250	15	0.022 750	9.860 562	7	.500	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.550 — 46°.500

43°.500 — 43°.550

43°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.837 812	8	9.977 250	15	0.022 750	9.860 562	7	.500	
501	9.837 820	8	9.977 265	15	0.022 735	9.860 555	7	499	
502	9.837 828	8	9.977 280	16	0.022 720	9.860 548	7	498	
503	9.837 836	8	9.977 296	15	0.022 704	9.860 541	8	497	
504	9.837 844	8	9.977 311	15	0.022 689	9.860 533	7	496	
505	9.837 852	8	9.977 326	15	0.022 674	9.860 526	7	495	
506	9.837 860	8	9.977 341	15	0.022 659	9.860 519	7	494	
507	9.837 868	8	9.977 356	15	0.022 644	9.860 512	7	493	
508	9.837 876	8	9.977 371	16	0.022 629	9.860 505	8	492	
509	9.837 884	8	9.977 387	15	0.022 613	9.860 497	7	491	
.510	9.837 892	8	9.977 402	15	0.022 598	9.860 490	7	.490	
511	9.837 900	8	9.977 417	15	0.022 583	9.860 483	7	489	
512	9.837 908	8	9.977 432	15	0.022 568	9.860 476	7	488	
513	9.837 916	8	9.977 447	16	0.022 553	9.860 469	8	487	
514	9.837 924	8	9.977 463	15	0.022 537	9.860 461	7	486	
515	9.837 932	8	9.977 478	15	0.022 522	9.860 454	7	485	
516	9.837 940	8	9.977 493	15	0.022 507	9.860 447	7	484	
517	9.837 948	8	9.977 508	15	0.022 492	9.860 440	7	483	
518	9.837 956	8	9.977 523	15	0.022 477	9.860 433	7	482	
519	9.837 964	8	9.977 538	16	0.022 462	9.860 425	8	481	
.520	9.837 972	8	9.977 554	15	0.022 446	9.860 418	7	.480	
521	9.837 980	8	9.977 569	15	0.022 431	9.860 411	7	479	
522	9.837 988	8	9.977 584	15	0.022 416	9.860 404	7	478	
523	9.837 996	8	9.977 599	15	0.022 401	9.860 397	7	477	
524	9.838 004	8	9.977 614	16	0.022 386	9.860 390	8	476	
525	9.838 012	8	9.977 630	15	0.022 370	9.860 382	7	475	
526	9.838 020	8	9.977 645	15	0.022 355	9.860 375	7	474	
527	9.838 028	8	9.977 660	15	0.022 340	9.860 368	7	473	
528	9.838 036	8	9.977 675	15	0.022 325	9.860 361	7	472	
529	9.838 044	8	9.977 690	15	0.022 310	9.860 354	7	471	
.530	9.838 052	8	9.977 705	16	0.022 295	9.860 346	8	.470	
531	9.838 060	8	9.977 721	15	0.022 279	9.860 339	7	469	
532	9.838 068	8	9.977 736	15	0.022 264	9.860 332	7	468	
533	9.838 076	8	9.977 751	15	0.022 249	9.860 325	7	467	
534	9.838 084	8	9.977 766	15	0.022 234	9.860 317	8	466	
535	9.838 092	8	9.977 781	15	0.022 219	9.860 310	7	465	
536	9.838 100	8	9.977 796	15	0.022 204	9.860 303	7	464	
537	9.838 108	8	9.977 812	16	0.022 188	9.860 296	7	463	
538	9.838 116	8	9.977 827	15	0.022 173	9.860 289	7	462	
539	9.838 124	8	9.977 842	15	0.022 158	9.860 281	8	461	
.540	9.838 131	7	9.977 857	15	0.022 143	9.860 274	7	.460	
541	9.838 139	8	9.977 872	15	0.022 128	9.860 267	7	459	
542	9.838 147	8	9.977 888	16	0.022 112	9.860 260	7	458	
543	9.838 155	8	9.977 903	15	0.022 097	9.860 253	7	457	
544	9.838 163	8	9.977 918	15	0.022 082	9.860 245	8	456	
545	9.838 171	8	9.977 933	15	0.022 067	9.860 238	7	455	
546	9.838 179	8	9.977 948	15	0.022 052	9.860 231	7	454	
547	9.838 187	8	9.977 963	15	0.022 037	9.860 224	7	453	
548	9.838 195	8	9.977 979	16	0.022 021	9.860 217	7	452	
549	9.838 203	8	9.977 994	15	0.022 006	9.860 209	8	451	
.550	9.838 211	8	9.978 009	15	0.021 991	9.860 202	7	.450	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.500 — 46°.450

43°.550 — 43°.600

43°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.838 211	8	9.978 009	15	0.021 991	9.860 202	7	.450	
551	9.838 219	8	9.978 024	15	0.021 976	9.860 195	7	449	
552	9.838 227	8	9.978 039	16	0.021 961	9.860 188	7	448	
553	9.838 235	8	9.978 055	15	0.021 945	9.860 181	8	447	
554	9.838 243	8	9.978 070	15	0.021 930	9.860 173	7	446	
555	9.838 251	8	9.978 085	15	0.021 915	9.860 166	7	445	
556	9.838 259	8	9.978 100	15	0.021 900	9.860 159	7	444	
557	9.838 267	8	9.978 115	15	0.021 885	9.860 152	7	443	
558	9.838 275	8	9.978 130	16	0.021 870	9.860 145	8	442	
559	9.838 283	8	9.978 146	15	0.021 854	9.860 137	7	441	
.560	9.838 291	8	9.978 161	15	0.021 839	9.860 130	7	.440	
561	9.838 299	8	9.978 176	15	0.021 824	9.860 123	7	439	
562	9.838 307	8	9.978 191	15	0.021 809	9.860 116	7	438	
563	9.838 315	8	9.978 206	15	0.021 794	9.860 109	8	437	
564	9.838 323	8	9.978 221	16	0.021 779	9.860 101	7	436	
565	9.838 331	8	9.978 237	15	0.021 763	9.860 094	7	435	
566	9.838 339	8	9.978 252	15	0.021 748	9.860 087	7	434	
567	9.838 347	8	9.978 267	15	0.021 733	9.860 080	8	433	
568	9.838 355	8	9.978 282	15	0.021 718	9.860 072	7	432	
569	9.838 363	8	9.978 297	16	0.021 703	9.860 065	7	431	
.570	9.838 371	8	9.978 313	15	0.021 687	9.860 058	7	.430	
571	9.838 379	8	9.978 328	15	0.021 672	9.860 051	7	429	
572	9.838 387	8	9.978 343	15	0.021 657	9.860 044	8	428	
573	9.838 395	8	9.978 358	15	0.021 642	9.860 036	7	427	
574	9.838 403	7	9.978 373	15	0.021 627	9.860 029	7	426	
575	9.838 410	8	9.978 388	16	0.021 612	9.860 022	7	425	
576	9.838 418	8	9.978 404	15	0.021 596	9.860 015	7	424	
577	9.838 426	8	9.978 419	15	0.021 581	9.860 008	8	423	
578	9.838 434	8	9.978 434	15	0.021 566	9.860 000	7	422	
579	9.838 442	8	9.978 449	15	0.021 551	9.859 993	7	421	
.580	9.838 450	8	9.978 464	16	0.021 536	9.859 986	7	.420	
581	9.838 458	8	9.978 480	15	0.021 520	9.859 979	7	419	
582	9.838 466	8	9.978 495	15	0.021 505	9.859 972	8	418	
583	9.838 474	8	9.978 510	15	0.021 490	9.859 964	7	417	
584	9.838 482	8	9.978 525	15	0.021 475	9.859 957	7	416	
585	9.838 490	8	9.978 540	15	0.021 460	9.859 950	7	415	
586	9.838 498	8	9.978 555	16	0.021 445	9.859 943	8	414	
587	9.838 506	8	9.978 571	15	0.021 429	9.859 935	7	413	
588	9.838 514	8	9.978 586	15	0.021 414	9.859 928	7	412	
589	9.838 522	8	9.978 601	15	0.021 399	9.859 921	7	411	
.590	9.838 530	8	9.978 616	15	0.021 384	9.859 914	7	.410	
591	9.838 538	8	9.978 631	15	0.021 369	9.859 907	8	409	
592	9.838 546	8	9.978 646	16	0.021 354	9.859 899	7	408	
593	9.838 554	8	9.978 662	15	0.021 338	9.859 892	7	407	
594	9.838 562	8	9.978 677	15	0.021 323	9.859 885	7	406	
595	9.838 570	8	9.978 692	15	0.021 308	9.859 878	7	405	
596	9.838 578	8	9.978 707	15	0.021 293	9.859 871	8	404	
597	9.838 586	8	9.978 722	16	0.021 278	9.859 863	7	403	
598	9.838 594	8	9.978 738	15	0.021 262	9.859 856	7	402	
599	9.838 602	8	9.978 753	15	0.021 247	9.859 849	7	401	
.600	9.838 610	8	9.978 768	15	0.021 232	9.859 842	7	.400	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
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2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.450 — 46°.400

43°.600 — 43°.650

43°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.838 610	8	9.978 768	15	0.021 232	9.859 842	8	.400	
601	9.838 618	7	9.978 783	15	0.021 217	9.859 834	7	399	
602	9.838 625	8	9.978 798	15	0.021 202	9.859 827	7	398	
603	9.838 633	8	9.978 813	15	0.021 187	9.859 820	7	397	
604	9.838 641	8	9.978 829	16	0.021 171	9.859 813	7	396	
605	9.838 649	8	9.978 844	15	0.021 156	9.859 806	7	395	
606	9.838 657	8	9.978 859	15	0.021 141	9.859 798	8	394	
607	9.838 665	8	9.978 874	15	0.021 126	9.859 791	7	393	
608	9.838 673	8	9.978 889	15	0.021 111	9.859 784	7	392	
609	9.838 681	8	9.978 905	16	0.021 095	9.859 777	7	391	
.610	9.838 689	8	9.978 920	15	0.021 080	9.859 769	8	.390	
611	9.838 697	8	9.978 935	15	0.021 065	9.859 762	7	389	
612	9.838 705	8	9.978 950	15	0.021 050	9.859 755	7	388	
613	9.838 713	8	9.978 965	15	0.021 035	9.859 748	7	387	
614	9.838 721	8	9.978 980	15	0.021 020	9.859 741	7	386	
615	9.838 729	8	9.978 996	16	0.021 004	9.859 733	8	385	
616	9.838 737	8	9.979 011	15	0.020 989	9.859 726	7	384	
617	9.838 745	8	9.979 026	15	0.020 974	9.859 719	7	383	
618	9.838 753	8	9.979 041	15	0.020 959	9.859 712	7	382	
619	9.838 761	8	9.979 056	15	0.020 944	9.859 704	8	381	
.620	9.838 769	8	9.979 071	15	0.020 929	9.859 697	7	.380	
621	9.838 777	8	9.979 087	16	0.020 913	9.859 690	7	379	
622	9.838 785	8	9.979 102	15	0.020 898	9.859 683	7	378	
623	9.838 793	8	9.979 117	15	0.020 883	9.859 676	7	377	
624	9.838 801	8	9.979 132	15	0.020 868	9.859 668	8	376	
625	9.838 808	7	9.979 147	15	0.020 853	9.859 661	7	375	
626	9.838 816	8	9.979 163	16	0.020 837	9.859 654	7	374	
627	9.838 824	8	9.979 178	15	0.020 822	9.859 647	7	373	
628	9.838 832	8	9.979 193	15	0.020 807	9.859 639	8	372	
629	9.838 840	8	9.979 208	15	0.020 792	9.859 632	7	371	
.630	9.838 848	8	9.979 223	15	0.020 777	9.859 625	7	.370	
631	9.838 856	8	9.979 238	15	0.020 762	9.859 618	7	369	
632	9.838 864	8	9.979 254	16	0.020 746	9.859 611	7	368	
633	9.838 872	8	9.979 269	15	0.020 731	9.859 603	8	367	
634	9.838 880	8	9.979 284	15	0.020 716	9.859 596	7	366	
635	9.838 888	8	9.979 299	15	0.020 701	9.859 589	7	365	
636	9.838 896	8	9.979 314	15	0.020 686	9.859 582	7	364	
637	9.838 904	8	9.979 329	15	0.020 671	9.859 574	8	363	
638	9.838 912	8	9.979 345	16	0.020 655	9.859 567	7	362	
639	9.838 920	8	9.979 360	15	0.020 640	9.859 560	7	361	
.640	9.838 928	8	9.979 375	15	0.020 625	9.859 553	7	.360	
641	9.838 936	8	9.979 390	15	0.020 610	9.859 545	8	359	
642	9.838 944	8	9.979 405	15	0.020 595	9.859 538	7	358	
643	9.838 952	8	9.979 421	16	0.020 579	9.859 531	7	357	
644	9.838 960	8	9.979 436	15	0.020 564	9.859 524	7	356	
645	9.838 967	7	9.979 451	15	0.020 549	9.859 517	7	355	
646	9.838 975	8	9.979 466	15	0.020 534	9.859 509	8	354	
647	9.838 983	8	9.979 481	15	0.020 519	9.859 502	7	353	
648	9.838 991	8	9.979 496	15	0.020 504	9.859 495	7	352	
649	9.838 999	8	9.979 512	16	0.020 488	9.859 488	7	351	
.650	9.839 007	8	9.979 527	15	0.020 473	9.859 480	8	.350	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.400 — 46°.350

43°.650 — 43°.700

43°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.839 007	8	9.979 527	15	0.020 473	9.859 480	7	.350	
651	9.839 015	8	9.979 542	15	0.020 458	9.859 473	7	349	
652	9.839 023	8	9.979 557	15	0.020 443	9.859 466	7	348	
653	9.839 031	8	9.979 572	15	0.020 428	9.859 459	8	347	
654	9.839 039	8	9.979 587	15	0.020 413	9.859 451	8	346	
655	9.839 047	8	9.979 603	16	0.020 397	9.859 444	7	345	
656	9.839 055	8	9.979 618	15	0.020 382	9.859 437	7	344	
657	9.839 063	8	9.979 633	15	0.020 367	9.859 430	7	343	
658	9.839 071	8	9.979 648	15	0.020 352	9.859 423	8	342	
659	9.839 079	8	9.979 663	15	0.020 337	9.859 415	7	341	
.660	9.839 087	8	9.979 679	16	0.020 321	9.859 408	7	.340	
661	9.839 095	8	9.979 694	15	0.020 306	9.859 401	7	339	
662	9.839 103	8	9.979 709	15	0.020 291	9.859 394	7	338	
663	9.839 110	7	9.979 724	15	0.020 276	9.859 386	8	337	
664	9.839 118	8	9.979 739	15	0.020 261	9.859 379	7	336	
665	9.839 126	8	9.979 754	15	0.020 246	9.859 372	7	335	
666	9.839 134	8	9.979 770	16	0.020 230	9.859 365	7	334	
667	9.839 142	8	9.979 785	15	0.020 215	9.859 357	8	333	
668	9.839 150	8	9.979 800	15	0.020 200	9.859 350	7	332	
669	9.839 158	8	9.979 815	15	0.020 185	9.859 343	7	331	
.670	9.839 166	8	9.979 830	15	0.020 170	9.859 336	7	.330	
671	9.839 174	8	9.979 845	15	0.020 155	9.859 329	7	329	
672	9.839 182	8	9.979 861	16	0.020 139	9.859 321	8	328	
673	9.839 190	8	9.979 876	15	0.020 124	9.859 314	7	327	
674	9.839 198	8	9.979 891	15	0.020 109	9.859 307	7	326	
675	9.839 206	8	9.979 906	15	0.020 094	9.859 300	7	325	
676	9.839 214	8	9.979 921	15	0.020 079	9.859 292	8	324	
677	9.839 222	8	9.979 937	16	0.020 063	9.859 285	7	323	
678	9.839 230	8	9.979 952	15	0.020 048	9.859 278	7	322	
679	9.839 238	8	9.979 967	15	0.020 033	9.859 271	7	321	
.680	9.839 245	7	9.979 982	15	0.020 018	9.859 263	8	.320	
681	9.839 253	8	9.979 997	15	0.020 003	9.859 256	7	319	
682	9.839 261	8	9.980 012	15	0.019 988	9.859 249	7	318	
683	9.839 269	8	9.980 028	16	0.019 972	9.859 242	7	317	
684	9.839 277	8	9.980 043	15	0.019 957	9.859 234	8	316	
685	9.839 285	8	9.980 058	15	0.019 942	9.859 227	7	315	
686	9.839 293	8	9.980 073	15	0.019 927	9.859 220	7	314	
687	9.839 301	8	9.980 088	15	0.019 912	9.859 213	7	313	
688	9.839 309	8	9.980 103	15	0.019 897	9.859 205	8	312	
689	9.839 317	8	9.980 119	16	0.019 881	9.859 198	7	311	
.690	9.839 325	8	9.980 134	15	0.019 866	9.859 191	7	.310	
691	9.839 333	8	9.980 149	15	0.019 851	9.859 184	7	309	
692	9.839 341	8	9.980 164	15	0.019 836	9.859 177	7	308	
693	9.839 349	8	9.980 179	15	0.019 821	9.859 169	8	307	
694	9.839 357	8	9.980 195	16	0.019 805	9.859 162	7	306	
695	9.839 364	7	9.980 210	15	0.019 790	9.859 155	7	305	
696	9.839 372	8	9.980 225	15	0.019 775	9.859 148	7	304	
697	9.839 380	8	9.980 240	15	0.019 760	9.859 140	8	303	
698	9.839 388	8	9.980 255	15	0.019 745	9.859 133	7	302	
699	9.839 396	8	9.980 270	15	0.019 730	9.859 126	7	301	
.700	9.839 404	8	9.980 286	16	0.019 714	9.859 119	7	.300	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

46°.350 — 46°.300

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

43°.700 — 43°.750

43°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.839 404	8	9.980 286	15	0.019 714	9.859 119	8	.300	
701	9.839 412	8	9.980 301	15	0.019 699	9.859 111	8	299	
702	9.839 420	8	9.980 316	15	0.019 684	9.859 104	7	298	
703	9.839 428	8	9.980 331	15	0.019 669	9.859 097	7	297	
704	9.839 436	8	9.980 346	15	0.019 654	9.859 090	7	296	
705	9.839 444	8	9.980 361	15	0.019 639	9.859 082	8	295	
706	9.839 452	8	9.980 377	16	0.019 623	9.859 075	7	294	
707	9.839 460	8	9.980 392	15	0.019 608	9.859 068	7	293	
708	9.839 468	8	9.980 407	15	0.019 593	9.859 061	8	292	
709	9.839 476	8	9.980 422	15	0.019 578	9.859 053	8	291	
.710	9.839 483	7	9.980 437	15	0.019 563	9.859 046	7	.290	
		8		16			7	289	
711	9.839 491	8	9.980 453	15	0.019 547	9.859 039	7	288	
712	9.839 499	8	9.980 468	15	0.019 532	9.859 032	8	287	
713	9.839 507	8	9.980 483	15	0.019 517	9.859 024	7	286	
714	9.839 515	8	9.980 498	15	0.019 502	9.859 017	7	285	
715	9.839 523	8	9.980 513	15	0.019 487	9.859 010	7	284	
716	9.839 531	8	9.980 528	15	0.019 472	9.859 003	8	283	
717	9.839 539	8	9.980 544	16	0.019 456	9.858 995	7	282	
718	9.839 547	8	9.980 559	15	0.019 441	9.858 988	7	281	
719	9.839 555	8	9.980 574	15	0.019 426	9.858 981	7	280	
.720	9.839 563	8	9.980 589	15	0.019 411	9.858 974	8	.280	
		8		15			7	279	
721	9.839 571	8	9.980 604	15	0.019 396	9.858 966	7	278	
722	9.839 579	8	9.980 619	16	0.019 381	9.858 959	7	277	
723	9.839 586	7	9.980 635	16	0.019 365	9.858 952	7	276	
724	9.839 594	8	9.980 650	15	0.019 350	9.858 945	8	275	
725	9.839 602	8	9.980 665	15	0.019 335	9.858 937	7	274	
726	9.839 610	8	9.980 680	15	0.019 320	9.858 930	7	273	
727	9.839 618	8	9.980 695	15	0.019 305	9.858 923	7	272	
728	9.839 626	8	9.980 710	15	0.019 290	9.858 916	8	271	
729	9.839 634	8	9.980 726	16	0.019 274	9.858 908	7	.270	
.730	9.839 642	8	9.980 741	15	0.019 259	9.858 901	7	269	
		8		15			7	268	
731	9.839 650	8	9.980 756	15	0.019 244	9.858 894	8	267	
732	9.839 658	8	9.980 771	15	0.019 229	9.858 887	7	266	
733	9.839 666	8	9.980 786	16	0.019 214	9.858 879	7	265	
734	9.839 674	8	9.980 802	15	0.019 198	9.858 872	7	264	
735	9.839 682	8	9.980 817	15	0.019 183	9.858 865	8	263	
736	9.839 690	8	9.980 832	15	0.019 168	9.858 858	7	262	
737	9.839 697	7	9.980 847	15	0.019 153	9.858 850	8	261	
738	9.839 705	8	9.980 862	15	0.019 138	9.858 843	7	.260	
739	9.839 713	8	9.980 877	15	0.019 123	9.858 836	7	259	
.740	9.839 721	8	9.980 893	16	0.019 107	9.858 829	8	258	
		8		15			7	257	
741	9.839 729	8	9.980 908	15	0.019 092	9.858 821	7	256	
742	9.839 737	8	9.980 923	15	0.019 077	9.858 814	8	255	
743	9.839 745	8	9.980 938	15	0.019 062	9.858 807	7	254	
744	9.839 753	8	9.980 953	15	0.019 047	9.858 800	7	253	
745	9.839 761	8	9.980 968	15	0.019 032	9.858 792	8	252	
746	9.839 769	8	9.980 984	16	0.019 016	9.858 785	7	251	
747	9.839 777	8	9.980 999	15	0.019 001	9.858 778	7	.250	
748	9.839 785	8	9.981 014	15	0.018 986	9.858 771	8	249	
749	9.839 792	7	9.981 029	15	0.018 971	9.858 763	7		
.750	9.839 800	8	9.981 044	15	0.018 956	9.858 756	7		
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.300 — 46°.250

$43^{\circ}.750 - 43^{\circ}.800$

43°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.839 800	8	9.981 044	15	0.018 956	9.858 756	7	.250	
751	9.839 808	8	9.981 059	16	0.018 941	9.858 749	7	249	
752	9.839 816	8	9.981 075	15	0.018 925	9.858 742	7	248	
753	9.839 824	8	9.981 090	15	0.018 910	9.858 734	8	247	
754	9.839 832	8	9.981 105	15	0.018 895	9.858 727	7	246	
755	9.839 840	8	9.981 120	15	0.018 880	9.858 720	7	245	
756	9.839 848	8	9.981 135	16	0.018 865	9.858 713	8	244	
757	9.839 856	8	9.981 151	15	0.018 849	9.858 705	7	243	
758	9.839 864	8	9.981 166	15	0.018 834	9.858 698	7	242	
759	9.839 872	8	9.981 181	15	0.018 819	9.858 691	8	241	
.760	9.839 880	7	9.981 196	15	0.018 804	9.858 683	7	.240	
761	9.839 887	8	9.981 211	15	0.018 789	9.858 676	7	239	
762	9.839 895	8	9.981 226	16	0.018 774	9.858 669	7	238	
763	9.839 903	8	9.981 242	15	0.018 758	9.858 662	8	237	
764	9.839 911	8	9.981 257	15	0.018 743	9.858 654	7	236	
765	9.839 919	8	9.981 272	15	0.018 728	9.858 647	7	235	
766	9.839 927	8	9.981 287	15	0.018 713	9.858 640	7	234	
767	9.839 935	8	9.981 302	15	0.018 698	9.858 633	8	233	
768	9.839 943	8	9.981 317	16	0.018 683	9.858 625	7	232	
769	9.839 951	8	9.981 333	15	0.018 667	9.858 618	7	231	
.770	9.839 959	8	9.981 348	15	0.018 652	9.858 611	7	.230	
771	9.839 967	8	9.981 363	15	0.018 637	9.858 604	8	229	
772	9.839 975	7	9.981 378	15	0.018 622	9.858 596	7	228	
773	9.839 982	8	9.981 393	15	0.018 607	9.858 589	7	227	
774	9.839 990	8	9.981 408	16	0.018 592	9.858 582	7	226	
775	9.839 998	8	9.981 424	15	0.018 576	9.858 575	8	225	
776	9.840 006	8	9.981 439	15	0.018 561	9.858 567	7	224	
777	9.840 014	8	9.981 454	15	0.018 546	9.858 560	7	223	
778	9.840 022	8	9.981 469	15	0.018 531	9.858 553	7	222	
779	9.840 030	8	9.981 484	16	0.018 516	9.858 546	8	221	
.780	9.840 038	8	9.981 500	15	0.018 500	9.858 538	7	.220	
781	9.840 046	8	9.981 515	15	0.018 485	9.858 531	7	219	
782	9.840 054	8	9.981 530	15	0.018 470	9.858 524	8	218	
783	9.840 062	7	9.981 545	15	0.018 455	9.858 516	7	217	
784	9.840 069	8	9.981 560	15	0.018 440	9.858 509	7	216	
785	9.840 077	8	9.981 575	16	0.018 425	9.858 502	7	215	
786	9.840 085	8	9.981 591	15	0.018 409	9.858 495	8	214	
787	9.840 093	8	9.981 606	15	0.018 394	9.858 487	7	213	
788	9.840 101	8	9.981 621	15	0.018 379	9.858 480	7	212	
789	9.840 109	8	9.981 636	15	0.018 364	9.858 473	7	211	
.790	9.840 117	8	9.981 651	15	0.018 349	9.858 466	8	.210	
791	9.840 125	8	9.981 666	16	0.018 334	9.858 458	7	209	
792	9.840 133	8	9.981 682	15	0.018 318	9.858 451	7	208	
793	9.840 141	8	9.981 697	15	0.018 303	9.858 444	7	207	
794	9.840 149	7	9.981 712	15	0.018 288	9.858 437	8	206	
795	9.840 156	8	9.981 727	15	0.018 273	9.858 429	7	205	
796	9.840 164	8	9.981 742	15	0.018 258	9.858 422	7	204	
797	9.840 172	8	9.981 757	16	0.018 243	9.858 415	8	203	
798	9.840 180	8	9.981 773	15	0.018 227	9.858 407	7	202	
799	9.840 188	8	9.981 788	15	0.018 212	9.858 400	7	201	
.800	9.840 196	8	9.981 803	15	0.018 197	9.858 393	7	.200	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

 $46^{\circ}.250 - 46^{\circ}.200$

43°.800 — 43°.850

43°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.840 196	8	9.981 803	15	0.018 197	9.858 393	7	.200	
801	9.840 204	8	9.981 818	15	0.018 182	9.858 386	7	199	
802	9.840 212	8	9.981 833	15	0.018 167	9.858 378	8	198	
803	9.840 220	8	9.981 849	16	0.018 151	9.858 371	7	197	
804	9.840 228	8	9.981 864	15	0.018 136	9.858 364	7	196	
805	9.840 235	7	9.981 879	15	0.018 121	9.858 357	7	195	
806	9.840 243	8	9.981 894	15	0.018 106	9.858 349	8	194	
807	9.840 251	8	9.981 909	15	0.018 091	9.858 342	7	193	
808	9.840 259	8	9.981 924	15	0.018 076	9.858 335	7	192	
809	9.840 267	8	9.981 940	16	0.018 060	9.858 328	7	191	
.810	9.840 275	8	9.981 955	15	0.018 045	9.858 320	8	.190	
811	9.840 283	8	9.981 970	15	0.018 030	9.858 313	7	189	
812	9.840 291	8	9.981 985	15	0.018 015	9.858 306	7	188	
813	9.840 299	8	9.982 000	15	0.018 000	9.858 298	8	187	
814	9.840 307	8	9.982 015	15	0.017 985	9.858 291	7	186	
815	9.840 314	7	9.982 031	16	0.017 969	9.858 284	7	185	
816	9.840 322	8	9.982 046	15	0.017 954	9.858 277	7	184	
817	9.840 330	8	9.982 061	15	0.017 939	9.858 269	8	183	
818	9.840 338	8	9.982 076	15	0.017 924	9.858 262	7	182	
819	9.840 346	8	9.982 091	15	0.017 909	9.858 255	7	181	
.820	9.840 354	8	9.982 106	15	0.017 894	9.858 248	7	.180	
821	9.840 362	8	9.982 122	16	0.017 878	9.858 240	8	179	
822	9.840 370	8	9.982 137	15	0.017 863	9.858 233	7	178	
823	9.840 378	8	9.982 152	15	0.017 848	9.858 226	7	177	
824	9.840 386	8	9.982 167	15	0.017 833	9.858 218	8	176	
825	9.840 393	7	9.982 182	15	0.017 818	9.858 211	7	175	
826	9.840 401	8	9.982 197	15	0.017 803	9.858 204	7	174	
827	9.840 409	8	9.982 213	16	0.017 787	9.858 197	7	173	
828	9.840 417	8	9.982 228	15	0.017 772	9.858 189	8	172	
829	9.840 425	8	9.982 243	15	0.017 757	9.858 182	7	171	
.830	9.840 433	8	9.982 258	15	0.017 742	9.858 175	7	.170	
831	9.840 441	8	9.982 273	15	0.017 727	9.858 167	8	169	
832	9.840 449	8	9.982 289	16	0.017 711	9.858 160	7	168	
833	9.840 457	8	9.982 304	15	0.017 696	9.858 153	7	167	
834	9.840 465	8	9.982 319	15	0.017 681	9.858 146	7	166	
835	9.840 472	7	9.982 334	15	0.017 666	9.858 138	8	165	
836	9.840 480	8	9.982 349	15	0.017 651	9.858 131	7	164	
837	9.840 488	8	9.982 364	15	0.017 636	9.858 124	7	163	
838	9.840 496	8	9.982 380	16	0.017 620	9.858 117	7	162	
839	9.840 504	8	9.982 395	15	0.017 605	9.858 109	8	161	
.840	9.840 512	8	9.982 410	15	0.017 590	9.858 102	7	.160	
841	9.840 520	8	9.982 425	15	0.017 575	9.858 095	7	159	
842	9.840 528	8	9.982 440	15	0.017 560	9.858 087	8	158	
843	9.840 536	8	9.982 455	15	0.017 545	9.858 080	7	157	
844	9.840 543	7	9.982 471	16	0.017 529	9.858 073	7	156	
845	9.840 551	8	9.982 486	15	0.017 514	9.858 066	7	155	
846	9.840 559	8	9.982 501	15	0.017 499	9.858 058	8	154	
847	9.840 567	8	9.982 516	15	0.017 484	9.858 051	7	153	
848	9.840 575	8	9.982 531	15	0.017 469	9.858 044	7	152	
849	9.840 583	8	9.982 546	15	0.017 454	9.858 036	8	151	
.850	9.840 591	8	9.982 562	16	0.017 438	9.858 029	7	.150	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.200 — 46°.150

43°.850 — 43°.900

43°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.840 591	8	9.982 562	15	0.017 438	9.858 029	7	.150	
851	9.840 599	8	9.982 577	15	0.017 423	9.858 022	7	149	
852	9.840 607	7	9.982 592	15	0.017 408	9.858 015	7	148	
853	9.840 614	8	9.982 607	15	0.017 393	9.858 007	8	147	
854	9.840 622	8	9.982 622	15	0.017 378	9.858 000	7	146	
855	9.840 630	8	9.982 637	15	0.017 363	9.857 993	7	145	
856	9.840 638	8	9.982 653	16	0.017 347	9.857 985	8	144	
857	9.840 646	8	9.982 668	15	0.017 332	9.857 978	7	143	
858	9.840 654	8	9.982 683	15	0.017 317	9.857 971	7	142	
859	9.840 662	8	9.982 698	15	0.017 302	9.857 964	7	141	
.860	9.840 670	8	9.982 713	15	0.017 287	9.857 956	8	.140	
861	9.840 678	8	9.982 729	16	0.017 271	9.857 949	7	139	
862	9.840 685	7	9.982 744	15	0.017 256	9.857 942	7	138	
863	9.840 693	8	9.982 759	15	0.017 241	9.857 935	7	137	
864	9.840 701	8	9.982 774	15	0.017 226	9.857 927	8	136	
865	9.840 709	8	9.982 789	15	0.017 211	9.857 920	7	135	
866	9.840 717	8	9.982 804	15	0.017 196	9.857 913	7	134	
867	9.840 725	8	9.982 820	16	0.017 180	9.857 905	8	133	
868	9.840 733	8	9.982 835	15	0.017 165	9.857 898	7	132	
869	9.840 741	8	9.982 850	15	0.017 150	9.857 891	7	131	
.870	9.840 749	8	9.982 865	15	0.017 135	9.857 884	7	.130	
871	9.840 756	7	9.982 880	15	0.017 120	9.857 876	8	129	
872	9.840 764	8	9.982 895	15	0.017 105	9.857 869	7	128	
873	9.840 772	8	9.982 911	16	0.017 089	9.857 862	7	127	
874	9.840 780	8	9.982 926	15	0.017 074	9.857 854	8	126	
875	9.840 788	8	9.982 941	15	0.017 059	9.857 847	7	125	
876	9.840 796	8	9.982 956	15	0.017 044	9.857 840	7	124	
877	9.840 804	8	9.982 971	15	0.017 029	9.857 832	8	123	
878	9.840 812	8	9.982 986	15	0.017 014	9.857 825	7	122	
879	9.840 820	8	9.983 002	16	0.016 998	9.857 818	7	121	
.880	9.840 827	7	9.983 017	15	0.016 983	9.857 811	7	.120	
881	9.840 835	8	9.983 032	15	0.016 968	9.857 803	8	119	
882	9.840 843	8	9.983 047	15	0.016 953	9.857 796	7	118	
883	9.840 851	8	9.983 062	15	0.016 938	9.857 789	7	117	
884	9.840 859	8	9.983 077	15	0.016 923	9.857 781	8	116	
885	9.840 867	8	9.983 093	16	0.016 907	9.857 774	7	115	
886	9.840 875	8	9.983 108	15	0.016 892	9.857 767	7	114	
887	9.840 883	8	9.983 123	15	0.016 877	9.857 760	7	113	
888	9.840 890	7	9.983 138	15	0.016 862	9.857 752	8	112	
889	9.840 898	8	9.983 153	15	0.016 847	9.857 745	7	111	
.890	9.840 906	8	9.983 168	15	0.016 832	9.857 738	7	.110	
891	9.840 914	8	9.983 184	16	0.016 816	9.857 730	8	109	
892	9.840 922	8	9.983 199	15	0.016 801	9.857 723	7	108	
893	9.840 930	8	9.983 214	15	0.016 786	9.857 716	7	107	
894	9.840 938	8	9.983 229	15	0.016 771	9.857 709	7	106	
895	9.840 946	8	9.983 244	15	0.016 756	9.857 701	8	105	
896	9.840 953	7	9.983 260	16	0.016 740	9.857 694	7	104	
897	9.840 961	8	9.983 275	15	0.016 725	9.857 687	7	103	
898	9.840 969	8	9.983 290	15	0.016 710	9.857 679	8	102	
899	9.840 977	8	9.983 305	15	0.016 695	9.857 672	7	101	
.900	9.840 985	8	9.983 320	15	0.016 680	9.857 665	7	.100	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.150 — 46°.100

43°.900 — 43°.950

43°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.840 985	8	9.983 320	15	0.016 680	9.857 665	8	.100	
901	9.840 993	8	9.983 335	16	0.016 665	9.857 657	7	099	
902	9.841 001	8	9.983 351	15	0.016 649	9.857 650	7	098	
903	9.841 009	7	9.983 366	15	0.016 634	9.857 643	7	097	
904	9.841 016	8	9.983 381	15	0.016 619	9.857 636	7	096	
905	9.841 024	8	9.983 396	15	0.016 604	9.857 628	8	095	
906	9.841 032	8	9.983 411	15	0.016 589	9.857 621	7	094	
907	9.841 040	8	9.983 426	15	0.016 574	9.857 614	7	093	
908	9.841 048	8	9.983 442	16	0.016 558	9.857 606	8	092	
909	9.841 056	8	9.983 457	15	0.016 543	9.857 599	7	091	
.910	9.841 064	8	9.983 472	15	0.016 528	9.857 592	7	.090	
911	9.841 072	8	9.983 487	15	0.016 513	9.857 585	7	089	
912	9.841 079	7	9.983 502	15	0.016 498	9.857 577	8	088	
913	9.841 087	8	9.983 517	15	0.016 483	9.857 570	7	087	
914	9.841 095	8	9.983 533	16	0.016 467	9.857 563	7	086	
915	9.841 103	8	9.983 548	15	0.016 452	9.857 555	8	085	
916	9.841 111	8	9.983 563	15	0.016 437	9.857 548	7	084	
917	9.841 119	8	9.983 578	15	0.016 422	9.857 541	7	083	
918	9.841 127	8	9.983 593	15	0.016 407	9.857 533	8	082	
919	9.841 135	8	9.983 608	15	0.016 392	9.857 526	7	081	
.920	9.841 142	7	9.983 624	16	0.016 376	9.857 519	7	.080	
921	9.841 150	8	9.983 639	15	0.016 361	9.857 512	7	079	
922	9.841 158	8	9.983 654	15	0.016 346	9.857 504	8	078	
923	9.841 166	8	9.983 669	15	0.016 331	9.857 497	7	077	
924	9.841 174	8	9.983 684	15	0.016 316	9.857 490	7	076	
925	9.841 182	8	9.983 699	15	0.016 301	9.857 482	8	075	
926	9.841 190	8	9.983 715	16	0.016 285	9.857 475	7	074	
927	9.841 198	8	9.983 730	15	0.016 270	9.857 468	7	073	
928	9.841 205	7	9.983 745	15	0.016 255	9.857 460	8	072	
929	9.841 213	8	9.983 760	15	0.016 240	9.857 453	7	071	
.930	9.841 221	8	9.983 775	15	0.016 225	9.857 446	7	.070	
931	9.841 229	8	9.983 790	15	0.016 210	9.857 439	7	069	
932	9.841 237	8	9.983 806	16	0.016 194	9.857 431	8	068	
933	9.841 245	8	9.983 821	15	0.016 179	9.857 424	7	067	
934	9.841 253	8	9.983 836	15	0.016 164	9.857 417	7	066	
935	9.841 260	7	9.983 851	15	0.016 149	9.857 409	8	065	
936	9.841 268	8	9.983 866	15	0.016 134	9.857 402	7	064	
937	9.841 276	8	9.983 882	16	0.016 118	9.857 395	7	063	
938	9.841 284	8	9.983 897	15	0.016 103	9.857 387	8	062	
939	9.841 292	8	9.983 912	15	0.016 088	9.857 380	7	061	
.940	9.841 300	8	9.983 927	15	0.016 073	9.857 373	7	.060	
941	9.841 308	8	9.983 942	15	0.016 058	9.857 366	7	059	
942	9.841 316	8	9.983 957	15	0.016 043	9.857 358	8	058	
943	9.841 323	7	9.983 973	16	0.016 027	9.857 351	7	057	
944	9.841 331	8	9.983 988	15	0.016 012	9.857 344	7	056	
945	9.841 339	8	9.984 003	15	0.015 997	9.857 336	8	055	
946	9.841 347	8	9.984 018	15	0.015 982	9.857 329	7	054	
947	9.841 355	8	9.984 033	15	0.015 967	9.857 322	7	053	
948	9.841 363	8	9.984 048	15	0.015 952	9.857 314	8	052	
949	9.841 371	8	9.984 064	16	0.015 936	9.857 307	7	051	
.950	9.841 378	7	9.984 079	15	0.015 921	9.857 300	7	.050	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

46°.100 — 46°.050

43°.950 — 44°.000

43°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.841 378	8	9.984 079	15	0.015 921	9.857 300	8	.050	
951	9.841 386	8	9.984 094	15	0.015 906	9.857 292	8	049	
952	9.841 394	8	9.984 109	15	0.015 891	9.857 285	7	048	
953	9.841 402	8	9.984 124	15	0.015 876	9.857 278	7	047	
954	9.841 410	8	9.984 139	15	0.015 861	9.857 271	7	046	
955	9.841 418	8	9.984 155	16	0.015 845	9.857 263	8	045	
956	9.841 426	8	9.984 170	15	0.015 830	9.857 256	7	044	
957	9.841 434	7	9.984 185	15	0.015 815	9.857 249	7	043	
958	9.841 441	8	9.984 200	15	0.015 800	9.857 241	8	042	
959	9.841 449	8	9.984 215	15	0.015 785	9.857 234	7	041	
.960	9.841 457	8	9.984 230	15	0.015 770	9.857 227	7	.040	
961	9.841 465	8	9.984 246	16	0.015 754	9.857 219	8	039	
962	9.841 473	8	9.984 261	15	0.015 739	9.857 212	7	038	
963	9.841 481	8	9.984 276	15	0.015 724	9.857 205	7	037	
964	9.841 489	8	9.984 291	15	0.015 709	9.857 197	8	036	
965	9.841 496	7	9.984 306	15	0.015 694	9.857 190	7	035	
966	9.841 504	8	9.984 321	15	0.015 679	9.857 183	7	034	
967	9.841 512	8	9.984 337	16	0.015 663	9.857 176	7	033	
968	9.841 520	8	9.984 352	15	0.015 648	9.857 168	8	032	
969	9.841 528	8	9.984 367	15	0.015 633	9.857 161	7	031	
.970	9.841 536	8	9.984 382	15	0.015 618	9.857 154	7	.030	
971	9.841 544	8	9.984 397	15	0.015 603	9.857 146	8	029	
972	9.841 551	7	9.984 412	15	0.015 588	9.857 139	7	028	
973	9.841 559	8	9.984 428	16	0.015 572	9.857 132	7	027	
974	9.841 567	8	9.984 443	15	0.015 557	9.857 124	8	026	
975	9.841 575	8	9.984 458	15	0.015 542	9.857 117	7	025	
976	9.841 583	8	9.984 473	15	0.015 527	9.857 110	7	024	
977	9.841 591	8	9.984 488	15	0.015 512	9.857 102	8	023	
978	9.841 599	8	9.984 503	15	0.015 497	9.857 095	7	022	
979	9.841 606	7	9.984 519	16	0.015 481	9.857 088	7	021	
.980	9.841 614	8	9.984 534	15	0.015 466	9.857 080	8	.020	
981	9.841 622	8	9.984 549	15	0.015 451	9.857 073	7	019	
982	9.841 630	8	9.984 564	15	0.015 436	9.857 066	7	018	
983	9.841 638	8	9.984 579	15	0.015 421	9.857 058	8	017	
984	9.841 646	8	9.984 594	15	0.015 406	9.857 051	7	016	
985	9.841 654	8	9.984 610	16	0.015 390	9.857 044	7	015	
986	9.841 661	7	9.984 625	15	0.015 375	9.857 037	7	014	
987	9.841 669	8	9.984 640	15	0.015 360	9.857 029	8	013	
988	9.841 677	8	9.984 655	15	0.015 345	9.857 022	7	012	
989	9.841 685	8	9.984 670	15	0.015 330	9.857 015	7	011	
.990	9.841 693	8	9.984 685	15	0.015 315	9.857 007	8	.010	
991	9.841 701	8	9.984 701	16	0.015 299	9.857 000	7	009	
992	9.841 708	7	9.984 716	15	0.015 284	9.856 993	7	008	
993	9.841 716	8	9.984 731	15	0.015 269	9.856 985	8	007	
994	9.841 724	8	9.984 746	15	0.015 254	9.856 978	7	006	
995	9.841 732	8	9.984 761	15	0.015 239	9.856 971	7	005	
996	9.841 740	8	9.984 777	16	0.015 223	9.856 963	8	004	
997	9.841 748	8	9.984 792	15	0.015 208	9.856 956	7	003	
998	9.841 756	8	9.984 807	15	0.015 193	9.856 949	7	002	
999	9.841 763	7	9.984 822	15	0.015 178	9.856 941	8	001	
*.000	9.841 771	8	9.984 837	15	0.015 163	9.856 934	7	.000	
	cos	d	cotg	d	tang	sin	d	46°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.000 — 44°.050

44°	sin	d	tang	d	cotg	cos	d		P.P.
.000	9.841 771	8	9.984 837	15	0.015 163	9.856 934	7	*.000	
001	9.841 779	8	9.984 852	15	0.015 148	9.856 927	7	999	
002	9.841 787	8	9.984 868	16	0.015 132	9.856 919	8	998	
003	9.841 795	8	9.984 883	15	0.015 117	9.856 912	7	997	
004	9.841 803	8	9.984 898	15	0.015 102	9.856 905	7	996	
005	9.841 811	8	9.984 913	15	0.015 087	9.856 897	8	995	
006	9.841 818	7	9.984 928	15	0.015 072	9.856 890	7	994	
007	9.841 826	8	9.984 943	15	0.015 057	9.856 883	7	993	
008	9.841 834	8	9.984 959	16	0.015 041	9.856 876	7	992	
009	9.841 842	8	9.984 974	15	0.015 026	9.856 868	8	991	
.010	9.841 850	8	9.984 989	15	0.015 011	9.856 861	7	.990	
011	9.841 858	8	9.985 004	15	0.014 996	9.856 854	7	989	
012	9.841 865	7	9.985 019	15	0.014 981	9.856 846	8	988	
013	9.841 873	8	9.985 034	15	0.014 966	9.856 839	7	987	
014	9.841 881	8	9.985 050	16	0.014 950	9.856 832	7	986	
015	9.841 889	8	9.985 065	15	0.014 935	9.856 824	8	985	
016	9.841 897	8	9.985 080	15	0.014 920	9.856 817	7	984	
017	9.841 905	8	9.985 095	15	0.014 905	9.856 810	7	983	
018	9.841 913	8	9.985 110	15	0.014 890	9.856 802	8	982	
019	9.841 920	7	9.985 125	15	0.014 875	9.856 795	7	981	
.020	9.841 928	8	9.985 141	16	0.014 859	9.856 788	7	.980	
021	9.841 936	8	9.985 156	15	0.014 844	9.856 780	8	979	
022	9.841 944	8	9.985 171	15	0.014 829	9.856 773	7	978	
023	9.841 952	8	9.985 186	15	0.014 814	9.856 766	7	977	
024	9.841 960	8	9.985 201	15	0.014 799	9.856 758	8	976	
025	9.841 967	7	9.985 216	15	0.014 784	9.856 751	7	975	
026	9.841 975	8	9.985 232	16	0.014 768	9.856 744	7	974	
027	9.841 983	8	9.985 247	15	0.014 753	9.856 736	8	973	
028	9.841 991	8	9.985 262	15	0.014 738	9.856 729	7	972	
029	9.841 999	8	9.985 277	15	0.014 723	9.856 722	7	971	
.030	9.842 007	8	9.985 292	15	0.014 708	9.856 714	8	.970	
031	9.842 014	7	9.985 307	15	0.014 693	9.856 707	7	969	
032	9.842 022	8	9.985 323	16	0.014 677	9.856 700	7	968	
033	9.842 030	8	9.985 338	15	0.014 662	9.856 692	8	967	
034	9.842 038	8	9.985 353	15	0.014 647	9.856 685	7	966	
035	9.842 046	8	9.985 368	15	0.014 632	9.856 678	7	965	
036	9.842 054	8	9.985 383	15	0.014 617	9.856 670	8	964	
037	9.842 062	8	9.985 398	15	0.014 602	9.856 663	7	963	
038	9.842 069	7	9.985 414	16	0.014 586	9.856 656	7	962	
039	9.842 077	8	9.985 429	15	0.014 571	9.856 648	8	961	
.040	9.842 085	8	9.985 444	15	0.014 556	9.856 641	7	.960	
041	9.842 093	8	9.985 459	15	0.014 541	9.856 634	7	959	
042	9.842 101	8	9.985 474	15	0.014 526	9.856 626	8	958	
043	9.842 109	8	9.985 489	15	0.014 511	9.856 619	7	957	
044	9.842 116	7	9.985 505	16	0.014 495	9.856 612	7	956	
045	9.842 124	8	9.985 520	15	0.014 480	9.856 604	8	955	
046	9.842 132	8	9.985 535	15	0.014 465	9.856 597	7	954	
047	9.842 140	8	9.985 550	15	0.014 450	9.856 590	7	953	
048	9.842 148	8	9.985 565	15	0.014 435	9.856 582	8	952	
049	9.842 156	8	9.985 580	15	0.014 420	9.856 575	7	951	
.050	9.842 163	7	9.985 596	16	0.014 404	9.856 568	7	.950	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.050 — 44°.100

44°	sin	d	tang	d	cotg	cos	d		P.P.
.050	9.842 163	8	9.985 596	15	0.014 404	9.856 568	8	.950	
051	9.842 171	8	9.985 611	15	0.014 389	9.856 560	8		
052	9.842 179	8	9.985 626	15	0.014 374	9.856 553	7		
053	9.842 187	8	9.985 641	15	0.014 359	9.856 546	7		
		8		15			8		
054	9.842 195	8	9.985 656	15	0.014 344	9.856 538	8		
055	9.842 203	8	9.985 671	15	0.014 329	9.856 531	7		
056	9.842 210	7	9.985 687	16	0.014 313	9.856 524	7		
		8		15			8		
057	9.842 218	8	9.985 702	15	0.014 298	9.856 516	8		
058	9.842 226	8	9.985 717	15	0.014 283	9.856 509	7		
059	9.842 234	8	9.985 732	15	0.014 268	9.856 502	7		
		8		15			8		
.060	9.842 242	8	9.985 747	15	0.014 253	9.856 494	7	.940	
		8		15			7		
061	9.842 250	7	9.985 762	16	0.014 238	9.856 487	7		
062	9.842 257	8	9.985 778	15	0.014 222	9.856 480	8		
063	9.842 265	8	9.985 793	15	0.014 207	9.856 472	7		
		8		15			7		
064	9.842 273	8	9.985 808	15	0.014 192	9.856 465	7		
065	9.842 281	8	9.985 823	15	0.014 177	9.856 458	7		
066	9.842 289	8	9.985 838	15	0.014 162	9.856 450	8		
		8		15			7		
067	9.842 297	7	9.985 853	16	0.014 147	9.856 443	7		
068	9.842 304	8	9.985 869	15	0.014 131	9.856 436	8		
069	9.842 312	8	9.985 884	15	0.014 116	9.856 428	7		
		8		15			7		
.070	9.842 320	8	9.985 899	15	0.014 101	9.856 421	7	.930	
		8		15			7		
071	9.842 328	8	9.985 914	15	0.014 086	9.856 414	8		
072	9.842 336	8	9.985 929	15	0.014 071	9.856 406	7		
073	9.842 344	7	9.985 944	16	0.014 056	9.856 399	7		
		8		15			8		
074	9.842 351	8	9.985 960	15	0.014 040	9.856 392	8		
075	9.842 359	8	9.985 975	15	0.014 025	9.856 384	7		
076	9.842 367	8	9.985 990	15	0.014 010	9.856 377	7		
		8		15			7		
077	9.842 375	8	9.986 005	15	0.013 995	9.856 370	8		
078	9.842 383	8	9.986 020	15	0.013 980	9.856 362	7		
079	9.842 391	7	9.986 035	16	0.013 965	9.856 355	7		
		8		15			7		
.080	9.842 398	8	9.986 051	15	0.013 949	9.856 348	8	.920	
		8		15			7		
081	9.842 406	8	9.986 066	15	0.013 934	9.856 340	7		
082	9.842 414	8	9.986 081	15	0.013 919	9.856 333	7		
083	9.842 422	8	9.986 096	15	0.013 904	9.856 326	8		
		8		15			8		
084	9.842 430	7	9.986 111	15	0.013 889	9.856 318	7		
085	9.842 437	8	9.986 126	16	0.013 874	9.856 311	7		
086	9.842 445	8	9.986 142	15	0.013 858	9.856 304	8		
		8		15			8		
087	9.842 453	8	9.986 157	15	0.013 843	9.856 296	7		
088	9.842 461	8	9.986 172	15	0.013 828	9.856 289	7		
089	9.842 469	8	9.986 187	15	0.013 813	9.856 282	7		
		8		15			8		
.090	9.842 477	7	9.986 202	15	0.013 798	9.856 274	7	.910	
		8		16			7		
091	9.842 484	8	9.986 217	15	0.013 783	9.856 267	8		
092	9.842 492	8	9.986 233	15	0.013 767	9.856 260	7		
093	9.842 500	8	9.986 248	15	0.013 752	9.856 252	8		
		8		15			7		
094	9.842 508	8	9.986 263	15	0.013 737	9.856 245	7		
095	9.842 516	8	9.986 278	15	0.013 722	9.856 238	8		
096	9.842 524	7	9.986 293	15	0.013 707	9.856 230	7		
		8		15			7		
097	9.842 531	8	9.986 308	16	0.013 692	9.856 223	8		
098	9.842 539	8	9.986 324	15	0.013 676	9.856 216	7		
099	9.842 547	8	9.986 339	15	0.013 661	9.856 208	8		
		8		15			7		
.100	9.842 555	7	9.986 354	15	0.013 646	9.856 201	7	.900	
		8		15			7		
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.950 — 45°.900

44°.100 — 44°.150

44°	sin	d	tang	d	cotg	cos	d		P.P.
.100	9.842 555	8	9.986 354	15	0.013 646	9.856 201	8	.900	
101	9.842 563	7	9.986 369	15	0.013 631	9.856 193	7	899	
102	9.842 570	8	9.986 384	15	0.013 616	9.856 186	7	898	
103	9.842 578	8	9.986 399	15	0.013 601	9.856 179	7	897	
104	9.842 586	8	9.986 415	16	0.013 585	9.856 171	8	896	
105	9.842 594	8	9.986 430	15	0.013 570	9.856 164	7	895	
106	9.842 602	8	9.986 445	15	0.013 555	9.856 157	7	894	
107	9.842 610	8	9.986 460	15	0.013 540	9.856 149	8	893	
108	9.842 617	7	9.986 475	15	0.013 525	9.856 142	7	892	
109	9.842 625	8	9.986 490	15	0.013 510	9.856 135	7	891	
.110	9.842 633	8	9.986 506	16	0.013 494	9.856 127	8	.890	
111	9.842 641	8	9.986 521	15	0.013 479	9.856 120	7	889	
112	9.842 649	8	9.986 536	15	0.013 464	9.856 113	7	888	
113	9.842 656	7	9.986 551	15	0.013 449	9.856 105	8	887	
114	9.842 664	8	9.986 566	15	0.013 434	9.856 098	7	886	
115	9.842 672	8	9.986 581	15	0.013 419	9.856 091	7	885	
116	9.842 680	8	9.986 597	16	0.013 403	9.856 083	8	884	
117	9.842 688	8	9.986 612	15	0.013 388	9.856 076	7	883	
118	9.842 696	8	9.986 627	15	0.013 373	9.856 069	7	882	
119	9.842 703	7	9.986 642	15	0.013 358	9.856 061	8	881	
.120	9.842 711	8	9.986 657	15	0.013 343	9.856 054	7	.880	
121	9.842 719	8	9.986 672	15	0.013 328	9.856 047	7	879	
122	9.842 727	8	9.986 688	16	0.013 312	9.856 039	8	878	
123	9.842 735	8	9.986 703	15	0.013 297	9.856 032	7	877	
124	9.842 742	7	9.986 718	15	0.013 282	9.856 024	8	876	
125	9.842 750	8	9.986 733	15	0.013 267	9.856 017	7	875	
126	9.842 758	8	9.986 748	15	0.013 252	9.856 010	7	874	
127	9.842 766	8	9.986 764	16	0.013 236	9.856 002	8	873	
128	9.842 774	8	9.986 779	15	0.013 221	9.855 995	7	872	
129	9.842 782	8	9.986 794	15	0.013 206	9.855 988	7	871	
.130	9.842 789	7	9.986 809	15	0.013 191	9.855 980	8	.870	
131	9.842 797	8	9.986 824	15	0.013 176	9.855 973	7	869	
132	9.842 805	8	9.986 839	15	0.013 161	9.855 966	7	868	
133	9.842 813	8	9.986 855	16	0.013 145	9.855 958	8	867	
134	9.842 821	8	9.986 870	15	0.013 130	9.855 951	7	866	
135	9.842 828	7	9.986 885	15	0.013 115	9.855 944	7	865	
136	9.842 836	8	9.986 900	15	0.013 100	9.855 936	8	864	
137	9.842 844	8	9.986 915	15	0.013 085	9.855 929	7	863	
138	9.842 852	8	9.986 930	15	0.013 070	9.855 922	7	862	
139	9.842 860	8	9.986 946	16	0.013 054	9.855 914	8	861	
.140	9.842 867	7	9.986 961	15	0.013 039	9.855 907	7	.860	
141	9.842 875	8	9.986 976	15	0.013 024	9.855 899	8	859	
142	9.842 883	8	9.986 991	15	0.013 009	9.855 892	7	858	
143	9.842 891	8	9.987 006	15	0.012 994	9.855 885	7	857	
144	9.842 899	8	9.987 021	15	0.012 979	9.855 877	8	856	
145	9.842 907	8	9.987 036	15	0.012 964	9.855 870	7	855	
146	9.842 914	7	9.987 052	16	0.012 948	9.855 863	7	854	
147	9.842 922	8	9.987 067	15	0.012 933	9.855 855	8	853	
148	9.842 930	8	9.987 082	15	0.012 918	9.855 848	7	852	
149	9.842 938	8	9.987 097	15	0.012 903	9.855 841	7	851	
.150	9.842 946	8	9.987 112	15	0.012 888	9.855 833	8	.850	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.150 — 44°.200

44°	sin	d	tang	d	cotg	cos	d		P.P.
.150	9.842 946		9.987 112		0.012 888	9.855 833		.850	
151	9.842 953	7	9.987 127	15	0.012 873	9.855 826	7	849	
152	9.842 961	8	9.987 143	16	0.012 857	9.855 819	7	848	
153	9.842 969	8	9.987 158	15	0.012 842	9.855 811	8	847	
		8		15			7		
154	9.842 977	8	9.987 173	15	0.012 827	9.855 804	8	846	
155	9.842 985	7	9.987 188	15	0.012 812	9.855 796	7	845	
156	9.842 992	8	9.987 203	15	0.012 797	9.855 789	7	844	
		8		15			7		
157	9.843 000	8	9.987 218	16	0.012 782	9.855 782	8	843	
158	9.843 008	8	9.987 234	15	0.012 766	9.855 774	7	842	
159	9.843 016		9.987 249		0.012 751	9.855 767		841	
.160	9.843 024	8	9.987 264	15	0.012 736	9.855 760	7	.840	
		7		15			8		
161	9.843 031	8	9.987 279	15	0.012 721	9.855 752	7	839	
162	9.843 039	8	9.987 294	15	0.012 706	9.855 745	7	838	
163	9.843 047	8	9.987 309	15	0.012 691	9.855 738	7	837	
		8		16			8		
164	9.843 055	8	9.987 325	15	0.012 675	9.855 730	7	836	
165	9.843 063	7	9.987 340	15	0.012 660	9.855 723	8	835	
166	9.843 070	8	9.987 355	15	0.012 645	9.855 715	7	834	
		8		15			7		
167	9.843 078	8	9.987 370	15	0.012 630	9.855 708	7	833	
168	9.843 086	8	9.987 385	15	0.012 615	9.855 701	7	832	
169	9.843 094	8	9.987 400	15	0.012 600	9.855 693	8	831	
		8		16			7		
.170	9.843 102		9.987 416		0.012 584	9.855 686		.830	
		7		15			7		
171	9.843 109	8	9.987 431	15	0.012 569	9.855 679	8	829	
172	9.843 117	8	9.987 446	15	0.012 554	9.855 671	7	828	
173	9.843 125	8	9.987 461	15	0.012 539	9.855 664	7	827	
		8		15			7		
174	9.843 133	8	9.987 476	15	0.012 524	9.855 657	8	826	
175	9.843 141	7	9.987 491	16	0.012 509	9.855 649	7	825	
176	9.843 148	8	9.987 507	15	0.012 493	9.855 642	8	824	
		8		15			8		
177	9.843 156	8	9.987 522	15	0.012 478	9.855 634	7	823	
178	9.843 164	8	9.987 537	15	0.012 463	9.855 627	7	822	
179	9.843 172	8	9.987 552	15	0.012 448	9.855 620	7	821	
		8		15			8		
.180	9.843 180		9.987 567		0.012 433	9.855 612		.820	
		7		15			7		
181	9.843 187	8	9.987 582	16	0.012 418	9.855 605	7	819	
182	9.843 195	8	9.987 598	15	0.012 402	9.855 598	8	818	
183	9.843 203	8	9.987 613	15	0.012 387	9.855 590	7	817	
		8		15			7		
184	9.843 211	8	9.987 628	15	0.012 372	9.855 583	7	816	
185	9.843 219	7	9.987 643	15	0.012 357	9.855 576	8	815	
186	9.843 226	8	9.987 658	15	0.012 342	9.855 568	7	814	
		8		15			7		
187	9.843 234	8	9.987 673	16	0.012 327	9.855 561	8	813	
188	9.843 242	8	9.987 689	15	0.012 311	9.855 553	7	812	
189	9.843 250		9.987 704		0.012 296	9.855 546		811	
		8		15			7		
.190	9.843 258		9.987 719		0.012 281	9.855 539		.810	
		7		15			8		
191	9.843 265	8	9.987 734	15	0.012 266	9.855 531	7	809	
192	9.843 273	8	9.987 749	15	0.012 251	9.855 524	7	808	
193	9.843 281	8	9.987 764	15	0.012 236	9.855 517	7	807	
		8		16			8		
194	9.843 289	8	9.987 780	15	0.012 220	9.855 509	7	806	
195	9.843 297	7	9.987 795	15	0.012 205	9.855 502	8	805	
196	9.843 304	8	9.987 810	15	0.012 190	9.855 494	7	804	
		8		15			7		
197	9.843 312	8	9.987 825	15	0.012 175	9.855 487	7	803	
198	9.843 320	8	9.987 840	15	0.012 160	9.855 480	7	802	
199	9.843 328	8	9.987 855	15	0.012 145	9.855 472	8	801	
		8		16			7		
.200	9.843 336		9.987 871		0.012 129	9.855 465		.800	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.200 — 44°.250

44°	sin	d	tang	d	cotg	cos	d		P.P.
.200	9.843 336		9.987 871		0.012 129	9.855 465		.800	
201	9.843 343	7	9.987 886	15	0.012 114	9.855 458	7	799	
202	9.843 351	8	9.987 901	15	0.012 099	9.855 450	8	798	
203	9.843 359	8	9.987 916	15	0.012 084	9.855 443	7	797	
204	9.843 367	8	9.987 931	15	0.012 069	9.855 436	7	796	
205	9.843 375	8	9.987 946	15	0.012 054	9.855 428	8	795	
206	9.843 382	7	9.987 962	16	0.012 038	9.855 421	7	794	
207	9.843 390	8	9.987 977	15	0.012 023	9.855 413	8	793	
208	9.843 398	8	9.987 992	15	0.012 008	9.855 406	7	792	
209	9.843 406	8	9.988 007	15	0.011 993	9.855 399	7	791	
.210	9.843 414	8	9.988 022	15	0.011 978	9.855 391	8	.790	
211	9.843 421	7	9.988 037	15	0.011 963	9.855 384	7	789	
212	9.843 429	8	9.988 053	16	0.011 947	9.855 377	7	788	
213	9.843 437	8	9.988 068	15	0.011 932	9.855 369	8	787	
214	9.843 445	8	9.988 083	15	0.011 917	9.855 362	7	786	
215	9.843 453	8	9.988 098	15	0.011 902	9.855 354	8	785	
216	9.843 460	7	9.988 113	15	0.011 887	9.855 347	7	784	
217	9.843 468	8	9.988 128	15	0.011 872	9.855 340	7	783	
218	9.843 476	8	9.988 144	16	0.011 856	9.855 332	8	782	
219	9.843 484	8	9.988 159	15	0.011 841	9.855 325	7	781	
.220	9.843 491	7	9.988 174	15	0.011 826	9.855 318	7	.780	
221	9.843 499	8	9.988 189	15	0.011 811	9.855 310	8	779	
222	9.843 507	8	9.988 204	15	0.011 796	9.855 303	7	778	
223	9.843 515	8	9.988 219	15	0.011 781	9.855 295	8	777	
224	9.843 523	8	9.988 235	16	0.011 765	9.855 288	7	776	
225	9.843 530	7	9.988 250	15	0.011 750	9.855 281	7	775	
226	9.843 538	8	9.988 265	15	0.011 735	9.855 273	8	774	
227	9.843 546	8	9.988 280	15	0.011 720	9.855 266	7	773	
228	9.843 554	8	9.988 295	15	0.011 705	9.855 259	7	772	
229	9.843 562	8	9.988 310	15	0.011 690	9.855 251	8	771	
.230	9.843 569	7	9.988 326	16	0.011 674	9.855 244	7	.770	
231	9.843 577	8	9.988 341	15	0.011 659	9.855 236	8	769	
232	9.843 585	8	9.988 356	15	0.011 644	9.855 229	7	768	
233	9.843 593	8	9.988 371	15	0.011 629	9.855 222	7	767	
234	9.843 600	7	9.988 386	15	0.011 614	9.855 214	8	766	
235	9.843 608	8	9.988 401	15	0.011 599	9.855 207	7	765	
236	9.843 616	8	9.988 417	16	0.011 583	9.855 199	8	764	
237	9.843 624	8	9.988 432	15	0.011 568	9.855 192	7	763	
238	9.843 632	8	9.988 447	15	0.011 553	9.855 185	7	762	
239	9.843 639	7	9.988 462	15	0.011 538	9.855 177	8	761	
.240	9.843 647	8	9.988 477	15	0.011 523	9.855 170	7	.760	
241	9.843 655	8	9.988 492	15	0.011 508	9.855 163	7	759	
242	9.843 663	8	9.988 508	16	0.011 492	9.855 155	8	758	
243	9.843 671	8	9.988 523	15	0.011 477	9.855 148	7	757	
244	9.843 678	7	9.988 538	15	0.011 462	9.855 140	8	756	
245	9.843 686	8	9.988 553	15	0.011 447	9.855 133	7	755	
246	9.843 694	8	9.988 568	15	0.011 432	9.855 126	7	754	
247	9.843 702	8	9.988 583	15	0.011 417	9.855 118	8	753	
248	9.843 709	7	9.988 599	16	0.011 401	9.855 111	7	752	
249	9.843 717	8	9.988 614	15	0.011 386	9.855 104	7	751	
.250	9.843 725	8	9.988 629	15	0.011 371	9.855 096	8	.750	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.250 — 44°.300

44°	sin	d	tang	d	cotg	cos	d		P.P.
.250	9.843 725	8	9.988 629	15	0.011 371	9.855 096	7	.750	
251	9.843 733	8	9.988 644	15	0.011 356	9.855 089	8	749	
252	9.843 741	7	9.988 659	15	0.011 341	9.855 081	7	748	
253	9.843 748	8	9.988 674	16	0.011 326	9.855 074	7	747	
254	9.843 756	8	9.988 690	15	0.011 310	9.855 067	8	746	
255	9.843 764	8	9.988 705	15	0.011 295	9.855 059	7	745	
256	9.843 772	8	9.988 720	15	0.011 280	9.855 052	8	744	
257	9.843 779	7	9.988 735	15	0.011 265	9.855 044	7	743	
258	9.843 787	8	9.988 750	15	0.011 250	9.855 037	7	742	
259	9.843 795	8	9.988 765	16	0.011 235	9.855 030	8	741	
.260	9.843 803	8	9.988 781	15	0.011 219	9.855 022	7	.740	
261	9.843 811	7	9.988 796	15	0.011 204	9.855 015	7	739	
262	9.843 818	8	9.988 811	15	0.011 189	9.855 008	8	738	
263	9.843 826	8	9.988 826	15	0.011 174	9.855 000	7	737	
264	9.843 834	8	9.988 841	15	0.011 159	9.854 993	8	736	
265	9.843 842	7	9.988 856	16	0.011 144	9.854 985	7	735	
266	9.843 849	8	9.988 872	15	0.011 128	9.854 978	7	734	
267	9.843 857	8	9.988 887	15	0.011 113	9.854 971	8	733	
268	9.843 865	8	9.988 902	15	0.011 098	9.854 963	7	732	
269	9.843 873	8	9.988 917	15	0.011 083	9.854 956	8	731	
.270	9.843 881	7	9.988 932	15	0.011 068	9.854 948	7	.730	
271	9.843 888	8	9.988 947	16	0.011 053	9.854 941	7	729	
272	9.843 896	8	9.988 963	15	0.011 037	9.854 934	8	728	
273	9.843 904	8	9.988 978	15	0.011 022	9.854 926	7	727	
274	9.843 912	7	9.988 993	15	0.011 007	9.854 919	8	726	
275	9.843 919	8	9.989 008	15	0.010 992	9.854 911	7	725	
276	9.843 927	8	9.989 023	15	0.010 977	9.854 904	7	724	
277	9.843 935	8	9.989 038	16	0.010 962	9.854 897	8	723	
278	9.843 943	8	9.989 054	15	0.010 946	9.854 889	7	722	
279	9.843 951	7	9.989 069	15	0.010 931	9.854 882	8	721	
.280	9.843 958	8	9.989 084	15	0.010 916	9.854 874	7	.720	
281	9.843 966	8	9.989 099	15	0.010 901	9.854 867	7	719	
282	9.843 974	8	9.989 114	15	0.010 886	9.854 860	8	718	
283	9.843 982	7	9.989 129	15	0.010 871	9.854 852	7	717	
284	9.843 989	8	9.989 144	16	0.010 856	9.854 845	7	716	
285	9.843 997	8	9.989 160	15	0.010 840	9.854 838	8	715	
286	9.844 005	8	9.989 175	15	0.010 825	9.854 830	7	714	
287	9.844 013	8	9.989 190	15	0.010 810	9.854 823	8	713	
288	9.844 021	7	9.989 205	15	0.010 795	9.854 815	7	712	
289	9.844 028	8	9.989 220	15	0.010 780	9.854 808	7	711	
.290	9.844 036	8	9.989 235	16	0.010 765	9.854 801	8	.710	
291	9.844 044	8	9.989 251	15	0.010 749	9.854 793	7	709	
292	9.844 052	7	9.989 266	15	0.010 734	9.854 786	8	708	
293	9.844 059	8	9.989 281	15	0.010 719	9.854 778	7	707	
294	9.844 067	8	9.989 296	15	0.010 704	9.854 771	7	706	
295	9.844 075	8	9.989 311	15	0.010 689	9.854 764	8	705	
296	9.844 083	8	9.989 326	16	0.010 674	9.854 756	7	704	
297	9.844 090	7	9.989 342	15	0.010 658	9.854 749	8	703	
298	9.844 098	8	9.989 357	15	0.010 643	9.854 741	7	702	
299	9.844 106	8	9.989 372	15	0.010 628	9.854 734	7	701	
.300	9.844 114	8	9.989 387	15	0.010 613	9.854 727	7	.700	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.750 — 45°.700

44°.300 — 44°.350

44°	sin	d	tang	d	cotg	cos	d		P.P.
.300	9.844 114	8	9.989 387	15	0.010 613	9.854 727	8	.700	
301	9.844 122	7	9.989 402	15	0.010 598	9.854 719	7	699	
302	9.844 129	8	9.989 417	16	0.010 583	9.854 712	8	698	
303	9.844 137	8	9.989 433	15	0.010 567	9.854 704	7	697	
304	9.844 145	8	9.989 448	15	0.010 552	9.854 697	7	696	
305	9.844 153	7	9.989 463	15	0.010 537	9.854 690	8	695	
306	9.844 160	8	9.989 478	15	0.010 522	9.854 682	7	694	
307	9.844 168	8	9.989 493	15	0.010 507	9.854 675	8	693	
308	9.844 176	8	9.989 508	16	0.010 492	9.854 667	7	692	
309	9.844 184	7	9.989 524	15	0.010 476	9.854 660	8	691	
.310	9.844 191	8	9.989 539	15	0.010 461	9.854 653	7	.690	
311	9.844 199	8	9.989 554	15	0.010 446	9.854 645	8	689	
312	9.844 207	8	9.989 569	15	0.010 431	9.854 638	7	688	
313	9.844 215	8	9.989 584	15	0.010 416	9.854 630	8	687	
314	9.844 222	7	9.989 599	15	0.010 401	9.854 623	7	686	
315	9.844 230	8	9.989 615	16	0.010 385	9.854 616	7	685	
316	9.844 238	8	9.989 630	15	0.010 370	9.854 608	8	684	
317	9.844 246	8	9.989 645	15	0.010 355	9.854 601	7	683	
318	9.844 254	8	9.989 660	15	0.010 340	9.854 593	8	682	
319	9.844 261	7	9.989 675	15	0.010 325	9.854 586	7	681	
.320	9.844 269	8	9.989 690	15	0.010 310	9.854 579	7	.680	
321	9.844 277	8	9.989 706	16	0.010 294	9.854 571	8	679	
322	9.844 285	8	9.989 721	15	0.010 279	9.854 564	7	678	
323	9.844 292	7	9.989 736	15	0.010 264	9.854 556	8	677	
324	9.844 300	8	9.989 751	15	0.010 249	9.854 549	7	676	
325	9.844 308	8	9.989 766	15	0.010 234	9.854 542	7	675	
326	9.844 316	8	9.989 781	15	0.010 219	9.854 534	8	674	
327	9.844 323	7	9.989 797	16	0.010 203	9.854 527	7	673	
328	9.844 331	8	9.989 812	15	0.010 188	9.854 519	8	672	
329	9.844 339	8	9.989 827	15	0.010 173	9.854 512	7	671	
.330	9.844 347	8	9.989 842	15	0.010 158	9.854 505	7	.670	
331	9.844 354	7	9.989 857	15	0.010 143	9.854 497	8	669	
332	9.844 362	8	9.989 872	15	0.010 128	9.854 490	7	668	
333	9.844 370	8	9.989 888	16	0.010 112	9.854 482	8	667	
334	9.844 378	8	9.989 903	15	0.010 097	9.854 475	7	666	
335	9.844 385	7	9.989 918	15	0.010 082	9.854 468	7	665	
336	9.844 393	8	9.989 933	15	0.010 067	9.854 460	8	664	
337	9.844 401	8	9.989 948	15	0.010 052	9.854 453	7	663	
338	9.844 409	8	9.989 963	15	0.010 037	9.854 445	8	662	
339	9.844 416	7	9.989 979	16	0.010 021	9.854 438	7	661	
.340	9.844 424	8	9.989 994	15	0.010 006	9.854 431	7	.660	
341	9.844 432	8	9.990 009	15	0.009 991	9.854 423	8	659	
342	9.844 440	8	9.990 024	15	0.009 976	9.854 416	7	658	
343	9.844 447	7	9.990 039	15	0.009 961	9.854 408	8	657	
344	9.844 455	8	9.990 054	15	0.009 946	9.854 401	7	656	
345	9.844 463	8	9.990 070	16	0.009 930	9.854 393	8	655	
346	9.844 471	8	9.990 085	15	0.009 915	9.854 386	7	654	
347	9.844 479	8	9.990 100	15	0.009 900	9.854 379	7	653	
348	9.844 486	7	9.990 115	15	0.009 885	9.854 371	8	652	
349	9.844 494	8	9.990 130	15	0.009 870	9.854 364	7	651	
.350	9.844 502	8	9.990 145	15	0.009 855	9.854 356	8	.650	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.700 — 45°.650

44°.350 — 44°.400

44°	sin	d	tang	d	cotg	cos	d		P.P.
.350	9.844 502	8	9.990 145	15	0.009 855	9.854 356	7	.650	
351	9.844 510	7	9.990 160	16	0.009 840	9.854 349	7	649	
352	9.844 517	8	9.990 176	15	0.009 824	9.854 342	7	648	
353	9.844 525	8	9.990 191	15	0.009 809	9.854 334	7	647	
354	9.844 533	8	9.990 206	15	0.009 794	9.854 327	7	646	
355	9.844 541	7	9.990 221	15	0.009 779	9.854 319	7	645	
356	9.844 548	8	9.990 236	15	0.009 764	9.854 312	7	644	
357	9.844 556	8	9.990 251	16	0.009 749	9.854 305	7	643	
358	9.844 564	8	9.990 267	15	0.009 733	9.854 297	7	642	
359	9.844 572	7	9.990 282	15	0.009 718	9.854 290	8	641	
.360	9.844 579	8	9.990 297	15	0.009 703	9.854 282	7	.640	
361	9.844 587	8	9.990 312	15	0.009 688	9.854 275	7	639	
362	9.844 595	8	9.990 327	15	0.009 673	9.854 268	7	638	
363	9.844 603	8	9.990 342	15	0.009 658	9.854 260	7	637	
364	9.844 610	7	9.990 358	16	0.009 642	9.854 253	7	636	
365	9.844 618	8	9.990 373	15	0.009 627	9.854 245	7	635	
366	9.844 626	8	9.990 388	15	0.009 612	9.854 238	7	634	
367	9.844 634	8	9.990 403	15	0.009 597	9.854 230	7	633	
368	9.844 641	7	9.990 418	15	0.009 582	9.854 223	7	632	
369	9.844 649	8	9.990 433	15	0.009 567	9.854 216	7	631	
.370	9.844 657	8	9.990 449	16	0.009 551	9.854 208	8	.630	
371	9.844 665	8	9.990 464	15	0.009 536	9.854 201	7	629	
372	9.844 672	7	9.990 479	15	0.009 521	9.854 193	8	628	
373	9.844 680	8	9.990 494	15	0.009 506	9.854 186	7	627	
374	9.844 688	8	9.990 509	15	0.009 491	9.854 179	7	626	
375	9.844 696	8	9.990 524	15	0.009 476	9.854 171	8	625	
376	9.844 703	7	9.990 540	16	0.009 460	9.854 164	7	624	
377	9.844 711	8	9.990 555	15	0.009 445	9.854 156	8	623	
378	9.844 719	8	9.990 570	15	0.009 430	9.854 149	7	622	
379	9.844 727	8	9.990 585	15	0.009 415	9.854 141	8	621	
.380	9.844 734	7	9.990 600	15	0.009 400	9.854 134	7	.620	
381	9.844 742	8	9.990 615	15	0.009 385	9.854 127	7	619	
382	9.844 750	8	9.990 631	16	0.009 369	9.854 119	8	618	
383	9.844 757	7	9.990 646	15	0.009 354	9.854 112	7	617	
384	9.844 765	8	9.990 661	15	0.009 339	9.854 104	8	616	
385	9.844 773	8	9.990 676	15	0.009 324	9.854 097	7	615	
386	9.844 781	8	9.990 691	15	0.009 309	9.854 090	7	614	
387	9.844 788	7	9.990 706	15	0.009 294	9.854 082	8	613	
388	9.844 796	8	9.990 722	16	0.009 278	9.854 075	7	612	
389	9.844 804	8	9.990 737	15	0.009 263	9.854 067	8	611	
.390	9.844 812	8	9.990 752	15	0.009 248	9.854 060	7	.610	
391	9.844 819	7	9.990 767	15	0.009 233	9.854 052	8	609	
392	9.844 827	8	9.990 782	15	0.009 218	9.854 045	7	608	
393	9.844 835	8	9.990 797	15	0.009 203	9.854 038	7	607	
394	9.844 843	8	9.990 813	16	0.009 187	9.854 030	8	606	
395	9.844 850	7	9.990 828	15	0.009 172	9.854 023	7	605	
396	9.844 858	8	9.990 843	15	0.009 157	9.854 015	8	604	
397	9.844 866	8	9.990 858	15	0.009 142	9.854 008	7	603	
398	9.844 874	8	9.990 873	15	0.009 127	9.854 000	8	602	
399	9.844 881	7	9.990 888	15	0.009 112	9.853 993	7	601	
.400	9.844 889	8	9.990 903	15	0.009 097	9.853 986	7	.600	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.650 — 45°.600

44°.400 — 44°.450

44°	sin	d	tang	d	cotg	cos	d		P.P.
.400	9.844 889	8	9.990 903	16	0.009 097	9.853 986	8	.600	
401	9.844 897	8	9.990 919	15	0.009 081	9.853 978	7	599	
402	9.844 905	7	9.990 934	15	0.009 066	9.853 971	8	598	
403	9.844 912	8	9.990 949	15	0.009 051	9.853 963	7	597	
404	9.844 920	8	9.990 964	15	0.009 036	9.853 956	7	596	
405	9.844 928	8	9.990 979	15	0.009 021	9.853 949	8	595	
406	9.844 936	8	9.990 994	15	0.009 006	9.853 941	7	594	
407	9.844 943	7	9.991 010	16	0.008 990	9.853 934	8	593	
408	9.844 951	8	9.991 025	15	0.008 975	9.853 926	7	592	
409	9.844 959	8	9.991 040	15	0.008 960	9.853 919	8	591	
.410	9.844 967	8	9.991 055	15	0.008 945	9.853 911	7	.590	
411	9.844 974	7	9.991 070	15	0.008 930	9.853 904	8	589	
412	9.844 982	8	9.991 085	15	0.008 915	9.853 897	7	588	
413	9.844 990	8	9.991 101	16	0.008 899	9.853 889	8	587	
414	9.844 997	7	9.991 116	15	0.008 884	9.853 882	7	586	
415	9.845 005	8	9.991 131	15	0.008 869	9.853 874	8	585	
416	9.845 013	8	9.991 146	15	0.008 854	9.853 867	7	584	
417	9.845 021	8	9.991 161	15	0.008 839	9.853 859	8	583	
418	9.845 028	7	9.991 176	15	0.008 824	9.853 852	7	582	
419	9.845 036	8	9.991 192	16	0.008 808	9.853 845	8	581	
.420	9.845 044	8	9.991 207	15	0.008 793	9.853 837	7	.580	
421	9.845 052	8	9.991 222	15	0.008 778	9.853 830	8	579	
422	9.845 059	7	9.991 237	15	0.008 763	9.853 822	7	578	
423	9.845 067	8	9.991 252	15	0.008 748	9.853 815	8	577	
424	9.845 075	8	9.991 267	15	0.008 733	9.853 807	7	576	
425	9.845 083	8	9.991 283	16	0.008 717	9.853 800	8	575	
426	9.845 090	7	9.991 298	15	0.008 702	9.853 793	7	574	
427	9.845 098	8	9.991 313	15	0.008 687	9.853 785	8	573	
428	9.845 106	8	9.991 328	15	0.008 672	9.853 778	7	572	
429	9.845 113	7	9.991 343	15	0.008 657	9.853 770	8	571	
.430	9.845 121	8	9.991 358	15	0.008 642	9.853 763	7	.570	
431	9.845 129	8	9.991 374	16	0.008 626	9.853 755	8	569	
432	9.845 137	8	9.991 389	15	0.008 611	9.853 748	7	568	
433	9.845 144	7	9.991 404	15	0.008 596	9.853 741	8	567	
434	9.845 152	8	9.991 419	15	0.008 581	9.853 733	7	566	
435	9.845 160	8	9.991 434	15	0.008 566	9.853 726	8	565	
436	9.845 168	8	9.991 449	15	0.008 551	9.853 718	7	564	
437	9.845 175	7	9.991 465	16	0.008 535	9.853 711	8	563	
438	9.845 183	8	9.991 480	15	0.008 520	9.853 703	7	562	
439	9.845 191	8	9.991 495	15	0.008 505	9.853 696	8	561	
.440	9.845 199	8	9.991 510	15	0.008 490	9.853 689	7	.560	
441	9.845 206	7	9.991 525	15	0.008 475	9.853 681	8	559	
442	9.845 214	8	9.991 540	15	0.008 460	9.853 674	7	558	
443	9.845 222	8	9.991 555	15	0.008 445	9.853 666	8	557	
444	9.845 229	7	9.991 571	16	0.008 429	9.853 659	7	556	
445	9.845 237	8	9.991 586	15	0.008 414	9.853 651	8	555	
446	9.845 245	8	9.991 601	15	0.008 399	9.853 644	7	554	
447	9.845 253	8	9.991 616	15	0.008 384	9.853 636	8	553	
448	9.845 260	7	9.991 631	15	0.008 369	9.853 629	7	552	
449	9.845 268	8	9.991 646	15	0.008 354	9.853 622	8	551	
.450	9.845 276	8	9.991 662	16	0.008 338	9.853 614	7	.550	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.600 — 45°.550

44°.450 — 44°.500

44°	sin	d	tang	d	cotg	cos	d		P.P.
.450	9.845 276	8	9.991 662	15	0.008 338	9.853 614	7	.550	
451	9.845 284	7	9.991 677	15	0.008 323	9.853 607	8	549	
452	9.845 291	8	9.991 692	15	0.008 308	9.853 599	7	548	
453	9.845 299	8	9.991 707	15	0.008 293	9.853 592	8	547	
454	9.845 307	7	9.991 722	15	0.008 278	9.853 584	7	546	
455	9.845 314	8	9.991 737	16	0.008 263	9.853 577	7	545	
456	9.845 322	8	9.991 753	15	0.008 247	9.853 570	8	544	
457	9.845 330	8	9.991 768	15	0.008 232	9.853 562	7	543	
458	9.845 338	7	9.991 783	15	0.008 217	9.853 555	8	542	
459	9.845 345	8	9.991 798	15	0.008 202	9.853 547	7	541	
.460	9.845 353	8	9.991 813	15	0.008 187	9.853 540	8	.540	
461	9.845 361	7	9.991 828	16	0.008 172	9.853 532	7	539	
462	9.845 368	8	9.991 844	15	0.008 156	9.853 525	8	538	
463	9.845 376	8	9.991 859	15	0.008 141	9.853 517	7	537	
464	9.845 384	8	9.991 874	15	0.008 126	9.853 510	7	536	
465	9.845 392	8	9.991 889	15	0.008 111	9.853 503	7	535	
466	9.845 399	7	9.991 904	15	0.008 096	9.853 495	8	534	
467	9.845 407	8	9.991 919	15	0.008 081	9.853 488	7	533	
468	9.845 415	8	9.991 935	16	0.008 065	9.853 480	8	532	
469	9.845 423	8	9.991 950	15	0.008 050	9.853 473	7	531	
.470	9.845 430	7	9.991 965	15	0.008 035	9.853 465	8	.530	
471	9.845 438	8	9.991 980	15	0.008 020	9.853 458	7	529	
472	9.845 446	8	9.991 995	15	0.008 005	9.853 451	7	528	
473	9.845 453	7	9.992 010	15	0.007 990	9.853 443	8	527	
474	9.845 461	8	9.992 026	16	0.007 974	9.853 436	7	526	
475	9.845 469	8	9.992 041	15	0.007 959	9.853 428	8	525	
476	9.845 477	8	9.992 056	15	0.007 944	9.853 421	7	524	
477	9.845 484	7	9.992 071	15	0.007 929	9.853 413	8	523	
478	9.845 492	8	9.992 086	15	0.007 914	9.853 406	7	522	
479	9.845 500	8	9.992 101	15	0.007 899	9.853 398	8	521	
.480	9.845 507	7	9.992 117	16	0.007 883	9.853 391	7	.520	
481	9.845 515	8	9.992 132	15	0.007 868	9.853 384	7	519	
482	9.845 523	8	9.992 147	15	0.007 853	9.853 376	8	518	
483	9.845 531	8	9.992 162	15	0.007 838	9.853 369	7	517	
484	9.845 538	7	9.992 177	15	0.007 823	9.853 361	8	516	
485	9.845 546	8	9.992 192	15	0.007 808	9.853 354	7	515	
486	9.845 554	8	9.992 207	15	0.007 793	9.853 346	8	514	
487	9.845 562	8	9.992 223	16	0.007 777	9.853 339	7	513	
488	9.845 569	7	9.992 238	15	0.007 762	9.853 331	8	512	
489	9.845 577	8	9.992 253	15	0.007 747	9.853 324	7	511	
.490	9.845 585	8	9.992 268	15	0.007 732	9.853 317	7	.510	
491	9.845 592	7	9.992 283	15	0.007 717	9.853 309	8	509	
492	9.845 600	8	9.992 298	15	0.007 702	9.853 302	7	508	
493	9.845 608	8	9.992 314	16	0.007 686	9.853 294	8	507	
494	9.845 616	8	9.992 329	15	0.007 671	9.853 287	7	506	
495	9.845 623	7	9.992 344	15	0.007 656	9.853 279	8	505	
496	9.845 631	8	9.992 359	15	0.007 641	9.853 272	7	504	
497	9.845 639	8	9.992 374	15	0.007 626	9.853 264	8	503	
498	9.845 646	7	9.992 389	15	0.007 611	9.853 257	7	502	
499	9.845 654	8	9.992 405	16	0.007 595	9.853 250	7	501	
.500	9.845 662	8	9.992 420	15	0.007 580	9.853 242	8	.500	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.550 — 45°.500

44°.500 — 44°.550

44°	sin	d	tang	d	cotg	cos	d		P.P.
.500	9.845 662	8	9.992 420	15	0.007 580	9.853 242	7	.500	
501	9.845 670	7	9.992 435	15	0.007 565	9.853 235	8	499	
502	9.845 677	8	9.992 450	15	0.007 550	9.853 227	7	498	
503	9.845 685	8	9.992 465	15	0.007 535	9.853 220	8	497	
504	9.845 693	7	9.992 480	16	0.007 520	9.853 212	7	496	
505	9.845 700	8	9.992 496	15	0.007 504	9.853 205	8	495	
506	9.845 708	8	9.992 511	15	0.007 489	9.853 197	7	494	
507	9.845 716	7	9.992 526	15	0.007 474	9.853 190	8	493	
508	9.845 723	8	9.992 541	15	0.007 459	9.853 182	7	492	
509	9.845 731	8	9.992 556	15	0.007 444	9.853 175	7	491	
.510	9.845 739	8	9.992 571	16	0.007 429	9.853 168	8	.490	
511	9.845 747	7	9.992 587	15	0.007 413	9.853 160	7	489	
512	9.845 754	8	9.992 602	15	0.007 398	9.853 153	8	488	
513	9.845 762	8	9.992 617	15	0.007 383	9.853 145	7	487	
514	9.845 770	7	9.992 632	15	0.007 368	9.853 138	8	486	
515	9.845 777	8	9.992 647	15	0.007 353	9.853 130	7	485	
516	9.845 785	8	9.992 662	15	0.007 338	9.853 123	8	484	
517	9.845 793	8	9.992 677	16	0.007 323	9.853 115	7	483	
518	9.845 801	7	9.992 693	15	0.007 307	9.853 108	8	482	
519	9.845 808	8	9.992 708	15	0.007 292	9.853 100	7	481	
.520	9.845 816	8	9.992 723	16	0.007 277	9.853 093	8	.480	
521	9.845 824	7	9.992 738	15	0.007 262	9.853 086	7	479	
522	9.845 831	8	9.992 753	15	0.007 247	9.853 078	8	478	
523	9.845 839	8	9.992 768	16	0.007 232	9.853 071	7	477	
524	9.845 847	8	9.992 784	15	0.007 216	9.853 063	8	476	
525	9.845 855	7	9.992 799	15	0.007 201	9.853 056	7	475	
526	9.845 862	8	9.992 814	15	0.007 186	9.853 048	8	474	
527	9.845 870	8	9.992 829	15	0.007 171	9.853 041	7	473	
528	9.845 878	8	9.992 844	15	0.007 156	9.853 033	8	472	
529	9.845 885	7	9.992 859	16	0.007 141	9.853 026	7	471	
.530	9.845 893	8	9.992 875	15	0.007 125	9.853 018	8	.470	
531	9.845 901	7	9.992 890	15	0.007 110	9.853 011	7	469	
532	9.845 908	8	9.992 905	15	0.007 095	9.853 004	8	468	
533	9.845 916	8	9.992 920	15	0.007 080	9.852 996	7	467	
534	9.845 924	8	9.992 935	15	0.007 065	9.852 989	8	466	
535	9.845 932	7	9.992 950	16	0.007 050	9.852 981	7	465	
536	9.845 939	8	9.992 966	15	0.007 034	9.852 974	8	464	
537	9.845 947	8	9.992 981	15	0.007 019	9.852 966	7	463	
538	9.845 955	7	9.992 996	15	0.007 004	9.852 959	8	462	
539	9.845 962	8	9.993 011	15	0.006 989	9.852 951	7	461	
.540	9.845 970	8	9.993 026	16	0.006 974	9.852 944	8	.460	
541	9.845 978	8	9.993 041	15	0.006 959	9.852 936	7	459	
542	9.845 986	7	9.993 057	16	0.006 943	9.852 929	8	458	
543	9.845 993	8	9.993 072	15	0.006 928	9.852 922	7	457	
544	9.846 001	8	9.993 087	15	0.006 913	9.852 914	8	456	
545	9.846 009	8	9.993 102	15	0.006 898	9.852 907	7	455	
546	9.846 016	7	9.993 117	16	0.006 883	9.852 899	8	454	
547	9.846 024	8	9.993 132	15	0.006 868	9.852 892	7	453	
548	9.846 032	8	9.993 148	16	0.006 852	9.852 884	8	452	
549	9.846 039	7	9.993 163	15	0.006 837	9.852 877	7	451	
.550	9.846 047	8	9.993 178	15	0.006 822	9.852 869	8	.450	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
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3	4.8	4.5
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.500 — 45°.450

44°.550 — 44°.600

44°	sin	d	tang	d	cotg	cos	d		P.P.
.550	9.846 047	8	9.993 178	15	0.006 822	9.852 869	7	.450	
551	9.846 055	8	9.993 193	15	0.006 807	9.852 862	7	449	
552	9.846 063	8	9.993 208	15	0.006 792	9.852 854	8	448	
553	9.846 070	7	9.993 223	15	0.006 777	9.852 847	7	447	
		8		15			8		
554	9.846 078	8	9.993 238	15	0.006 762	9.852 839	8	446	
555	9.846 086	8	9.993 254	16	0.006 746	9.852 832	7	445	
556	9.846 093	7	9.993 269	15	0.006 731	9.852 825	7	444	
		8		15			8		
557	9.846 101	8	9.993 284	15	0.006 716	9.852 817	7	443	
558	9.846 109	8	9.993 299	15	0.006 701	9.852 810	7	442	
559	9.846 116	7	9.993 314	15	0.006 686	9.852 802	8	441	
		8		15			7		
.560	9.846 124	8	9.993 329	16	0.006 671	9.852 795	8	.440	
		8		16			8		
561	9.846 132	8	9.993 345	15	0.006 655	9.852 787	7	439	
562	9.846 140	8	9.993 360	15	0.006 640	9.852 780	7	438	
563	9.846 147	7	9.993 375	15	0.006 625	9.852 772	8	437	
		8		15			7		
564	9.846 155	8	9.993 390	15	0.006 610	9.852 765	8	436	
565	9.846 163	8	9.993 405	15	0.006 595	9.852 757	8	435	
566	9.846 170	7	9.993 420	15	0.006 580	9.852 750	7	434	
		8		16			8		
567	9.846 178	8	9.993 436	15	0.006 564	9.852 742	7	433	
568	9.846 186	8	9.993 451	15	0.006 549	9.852 735	7	432	
569	9.846 193	7	9.993 466	15	0.006 534	9.852 727	8	431	
		8		15			7		
.570	9.846 201	8	9.993 481	15	0.006 519	9.852 720	7	.430	
		8		15			7		
571	9.846 209	7	9.993 496	15	0.006 504	9.852 713	8	429	
572	9.846 216	8	9.993 511	16	0.006 489	9.852 705	7	428	
573	9.846 224	8	9.993 527	15	0.006 473	9.852 698	7	427	
		8		15			8		
574	9.846 232	8	9.993 542	15	0.006 458	9.852 690	7	426	
575	9.846 240	8	9.993 557	15	0.006 443	9.852 683	8	425	
576	9.846 247	7	9.993 572	15	0.006 428	9.852 675	8	424	
		8		15			7		
577	9.846 255	8	9.993 587	15	0.006 413	9.852 668	8	423	
578	9.846 263	8	9.993 602	15	0.006 398	9.852 660	7	422	
579	9.846 270	7	9.993 618	16	0.006 382	9.852 653	7	421	
		8		15			8		
.580	9.846 278	8	9.993 633	15	0.006 367	9.852 645	7	.420	
		8		15			7		
581	9.846 286	7	9.993 648	15	0.006 352	9.852 638	8	419	
582	9.846 293	8	9.993 663	15	0.006 337	9.852 630	7	418	
583	9.846 301	8	9.993 678	15	0.006 322	9.852 623	7	417	
		8		15			8		
584	9.846 309	7	9.993 693	15	0.006 307	9.852 615	7	416	
585	9.846 316	8	9.993 708	16	0.006 292	9.852 608	7	415	
586	9.846 324	8	9.993 724	15	0.006 276	9.852 601	8	414	
		8		15			7		
587	9.846 332	8	9.993 739	15	0.006 261	9.852 593	7	413	
588	9.846 340	8	9.993 754	15	0.006 246	9.852 586	7	412	
589	9.846 347	7	9.993 769	15	0.006 231	9.852 578	8	411	
		8		15			7		
.590	9.846 355	8	9.993 784	15	0.006 216	9.852 571	8	.410	
		8		15			8		
591	9.846 363	7	9.993 799	16	0.006 201	9.852 563	7	409	
592	9.846 370	8	9.993 815	15	0.006 185	9.852 556	8	408	
593	9.846 378	8	9.993 830	15	0.006 170	9.852 548	7	407	
		8		15			7		
594	9.846 386	7	9.993 845	15	0.006 155	9.852 541	8	406	
595	9.846 393	8	9.993 860	15	0.006 140	9.852 533	7	405	
596	9.846 401	8	9.993 875	15	0.006 125	9.852 526	7	404	
		8		15			8		
597	9.846 409	7	9.993 890	16	0.006 110	9.852 518	7	403	
598	9.846 416	8	9.993 906	15	0.006 094	9.852 511	8	402	
599	9.846 424	8	9.993 921	15	0.006 079	9.852 503	7	401	
		8		15			7		
.600	9.846 432	8	9.993 936	15	0.006 064	9.852 496	7	.400	
		8		15			7		
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.450 — 45°.400

44°.600 — 44°.650

44°	sin	d	tang	d	cotg	cos	d		P.P.
.600	9.846 432		9.993 936		0.006 064	9.852 496		.400	
601	9.846 439	7	9.993 951	15	0.006 049	9.852 488	8	399	
602	9.846 447	8	9.993 966	15	0.006 034	9.852 481	7	398	
603	9.846 455	8	9.993 981	15	0.006 019	9.852 473	8	397	
604	9.846 463	8	9.993 997	16	0.006 003	9.852 466	7	396	
605	9.846 470	7	9.994 012	15	0.005 988	9.852 459	7	395	
606	9.846 478	8	9.994 027	15	0.005 973	9.852 451	8	394	
607	9.846 486	7	9.994 042	15	0.005 958	9.852 444	7	393	
608	9.846 493	8	9.994 057	15	0.005 943	9.852 436	8	392	
609	9.846 501	8	9.994 072	15	0.005 928	9.852 429	7	391	
.610	9.846 509	8	9.994 088	16	0.005 912	9.852 421	8	.390	
611	9.846 516	7	9.994 103	15	0.005 897	9.852 414	7	389	
612	9.846 524	8	9.994 118	15	0.005 882	9.852 406	8	388	
613	9.846 532	8	9.994 133	15	0.005 867	9.852 399	7	387	
614	9.846 539	7	9.994 148	15	0.005 852	9.852 391	8	386	
615	9.846 547	8	9.994 163	15	0.005 837	9.852 384	7	385	
616	9.846 555	8	9.994 178	15	0.005 822	9.852 376	8	384	
617	9.846 562	7	9.994 194	16	0.005 806	9.852 369	7	383	
618	9.846 570	8	9.994 209	15	0.005 791	9.852 361	8	382	
619	9.846 578	8	9.994 224	15	0.005 776	9.852 354	7	381	
.620	9.846 585	7	9.994 239	15	0.005 761	9.852 346	8	.380	
621	9.846 593	8	9.994 254	15	0.005 746	9.852 339	7	379	
622	9.846 601	8	9.994 269	15	0.005 731	9.852 331	8	378	
623	9.846 609	8	9.994 285	16	0.005 715	9.852 324	7	377	
624	9.846 616	7	9.994 300	15	0.005 700	9.852 316	8	376	
625	9.846 624	8	9.994 315	15	0.005 685	9.852 309	7	375	
626	9.846 632	8	9.994 330	15	0.005 670	9.852 301	8	374	
627	9.846 639	7	9.994 345	15	0.005 655	9.852 294	7	373	
628	9.846 647	8	9.994 360	15	0.005 640	9.852 286	8	372	
629	9.846 655	8	9.994 376	16	0.005 624	9.852 279	7	371	
.630	9.846 662	7	9.994 391	15	0.005 609	9.852 272	7	.370	
631	9.846 670	8	9.994 406	15	0.005 594	9.852 264	8	369	
632	9.846 678	8	9.994 421	15	0.005 579	9.852 257	7	368	
633	9.846 685	7	9.994 436	15	0.005 564	9.852 249	8	367	
634	9.846 693	8	9.994 451	15	0.005 549	9.852 242	7	366	
635	9.846 701	8	9.994 467	16	0.005 533	9.852 234	8	365	
636	9.846 708	7	9.994 482	15	0.005 518	9.852 227	7	364	
637	9.846 716	8	9.994 497	15	0.005 503	9.852 219	8	363	
638	9.846 724	8	9.994 512	15	0.005 488	9.852 212	7	362	
639	9.846 731	7	9.994 527	15	0.005 473	9.852 204	8	361	
.640	9.846 739	8	9.994 542	15	0.005 458	9.852 197	7	.360	
641	9.846 747	8	9.994 558	16	0.005 442	9.852 189	8	359	
642	9.846 754	7	9.994 573	15	0.005 427	9.852 182	7	358	
643	9.846 762	8	9.994 588	15	0.005 412	9.852 174	8	357	
644	9.846 770	8	9.994 603	15	0.005 397	9.852 167	7	356	
645	9.846 777	7	9.994 618	15	0.005 382	9.852 159	8	355	
646	9.846 785	8	9.994 633	15	0.005 367	9.852 152	7	354	
647	9.846 793	8	9.994 648	15	0.005 352	9.852 144	8	353	
648	9.846 800	7	9.994 664	16	0.005 336	9.852 137	7	352	
649	9.846 808	8	9.994 679	15	0.005 321	9.852 129	8	351	
.650	9.846 816	8	9.994 694	15	0.005 306	9.852 122	7	.350	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.400 — 45°.350

44°.650 — 44°.700

44°	sin	d	tang	d	cotg	cos	d		P.P.
.650	9.846 816		9.994 694		0.005 306	9.852 122		.350	
651	9.846 823	7	9.994 709	15	0.005 291	9.852 114	8	349	
652	9.846 831	8	9.994 724	15	0.005 276	9.852 107	7	348	
653	9.846 839	8	9.994 739	15	0.005 261	9.852 099	8	347	
654	9.846 846	7	9.994 755	16	0.005 245	9.852 092	7	346	
655	9.846 854	8	9.994 770	15	0.005 230	9.852 084	8	345	
656	9.846 862	8	9.994 785	15	0.005 215	9.852 077	7	344	
657	9.846 869	7	9.994 800	15	0.005 200	9.852 069	8	343	
658	9.846 877	8	9.994 815	15	0.005 185	9.852 062	7	342	
659	9.846 885	8	9.994 830	15	0.005 170	9.852 054	8	341	
.660	9.846 892	7	9.994 846	16	0.005 154	9.852 047	7	.340	
661	9.846 900	8	9.994 861	15	0.005 139	9.852 039	8	339	
662	9.846 908	8	9.994 876	15	0.005 124	9.852 032	7	338	
663	9.846 916	8	9.994 891	15	0.005 109	9.852 024	8	337	
664	9.846 923	7	9.994 906	15	0.005 094	9.852 017	7	336	
665	9.846 931	8	9.994 921	15	0.005 079	9.852 009	8	335	
666	9.846 939	8	9.994 937	16	0.005 063	9.852 002	7	334	
667	9.846 946	7	9.994 952	15	0.005 048	9.851 994	8	333	
668	9.846 954	8	9.994 967	15	0.005 033	9.851 987	7	332	
669	9.846 962	8	9.994 982	15	0.005 018	9.851 979	8	331	
.670	9.846 969	7	9.994 997	15	0.005 003	9.851 972	7	.330	
671	9.846 977	8	9.995 012	15	0.004 988	9.851 965	7	329	
672	9.846 985	8	9.995 027	15	0.004 973	9.851 957	8	328	
673	9.846 992	7	9.995 043	16	0.004 957	9.851 950	7	327	
674	9.847 000	8	9.995 058	15	0.004 942	9.851 942	8	326	
675	9.847 008	8	9.995 073	15	0.004 927	9.851 935	7	325	
676	9.847 015	7	9.995 088	15	0.004 912	9.851 927	8	324	
677	9.847 023	8	9.995 103	15	0.004 897	9.851 920	7	323	
678	9.847 031	8	9.995 118	15	0.004 882	9.851 912	8	322	
679	9.847 038	7	9.995 134	16	0.004 866	9.851 905	7	321	
.680	9.847 046	8	9.995 149	15	0.004 851	9.851 897	8	.320	
681	9.847 054	8	9.995 164	15	0.004 836	9.851 890	7	319	
682	9.847 061	7	9.995 179	15	0.004 821	9.851 882	8	318	
683	9.847 069	8	9.995 194	15	0.004 806	9.851 875	7	317	
684	9.847 077	8	9.995 209	15	0.004 791	9.851 867	8	316	
685	9.847 084	7	9.995 225	16	0.004 775	9.851 860	7	315	
686	9.847 092	8	9.995 240	15	0.004 760	9.851 852	8	314	
687	9.847 099	7	9.995 255	15	0.004 745	9.851 845	7	313	
688	9.847 107	8	9.995 270	15	0.004 730	9.851 837	8	312	
689	9.847 115	8	9.995 285	15	0.004 715	9.851 830	7	311	
.690	9.847 122	7	9.995 300	15	0.004 700	9.851 822	8	.310	
691	9.847 130	8	9.995 316	16	0.004 684	9.851 815	7	309	
692	9.847 138	8	9.995 331	15	0.004 669	9.851 807	8	308	
693	9.847 145	7	9.995 346	15	0.004 654	9.851 800	7	307	
694	9.847 153	8	9.995 361	15	0.004 639	9.851 792	8	306	
695	9.847 161	8	9.995 376	15	0.004 624	9.851 785	7	305	
696	9.847 168	7	9.995 391	15	0.004 609	9.851 777	8	304	
697	9.847 176	8	9.995 407	16	0.004 593	9.851 770	7	303	
698	9.847 184	8	9.995 422	15	0.004 578	9.851 762	8	302	
699	9.847 191	7	9.995 437	15	0.004 563	9.851 755	7	301	
.700	9.847 199	8	9.995 452	15	0.004 548	9.851 747	8	.300	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
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6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.350 — 45°.300

44°.700 — 44°.750

44°	sin	d	tang	d	cotg	cos	d		P.P.
.700	9.847 199	8	9.995 452	15	0.004 548	9.851 747	7	.300	
701	9.847 207	8	9.995 467	15	0.004 533	9.851 740	7	299	
702	9.847 214	8	9.995 482	15	0.004 518	9.851 732	8	298	
703	9.847 222	8	9.995 497	15	0.004 503	9.851 725	7	297	
704	9.847 230	8	9.995 513	16	0.004 487	9.851 717	8	296	
705	9.847 237	7	9.995 528	15	0.004 472	9.851 710	7	295	
706	9.847 245	8	9.995 543	15	0.004 457	9.851 702	8	294	
707	9.847 253	8	9.995 558	15	0.004 442	9.851 695	7	293	
708	9.847 260	7	9.995 573	15	0.004 427	9.851 687	8	292	
709	9.847 268	8	9.995 588	15	0.004 412	9.851 680	7	291	
.710	9.847 276	8	9.995 604	16	0.004 396	9.851 672	8	.290	
711	9.847 283	7	9.995 619	15	0.004 381	9.851 665	7	289	
712	9.847 291	8	9.995 634	15	0.004 366	9.851 657	8	288	
713	9.847 299	8	9.995 649	15	0.004 351	9.851 650	7	287	
714	9.847 306	7	9.995 664	15	0.004 336	9.851 642	8	286	
715	9.847 314	8	9.995 679	15	0.004 321	9.851 635	7	285	
716	9.847 322	8	9.995 695	16	0.004 305	9.851 627	8	284	
717	9.847 329	7	9.995 710	15	0.004 290	9.851 620	7	283	
718	9.847 337	8	9.995 725	15	0.004 275	9.851 612	8	282	
719	9.847 345	8	9.995 740	15	0.004 260	9.851 605	7	281	
.720	9.847 352	7	9.995 755	15	0.004 245	9.851 597	8	.280	
721	9.847 360	8	9.995 770	15	0.004 230	9.851 590	7	279	
722	9.847 368	8	9.995 786	16	0.004 214	9.851 582	8	278	
723	9.847 375	7	9.995 801	15	0.004 199	9.851 575	7	277	
724	9.847 383	8	9.995 816	15	0.004 184	9.851 567	8	276	
725	9.847 391	8	9.995 831	15	0.004 169	9.851 559	8	275	
726	9.847 398	7	9.995 846	15	0.004 154	9.851 552	7	274	
727	9.847 406	8	9.995 861	15	0.004 139	9.851 544	8	273	
728	9.847 413	7	9.995 876	15	0.004 124	9.851 537	7	272	
729	9.847 421	8	9.995 892	16	0.004 108	9.851 529	8	271	
.730	9.847 429	8	9.995 907	15	0.004 093	9.851 522	7	.270	
731	9.847 436	7	9.995 922	15	0.004 078	9.851 514	8	269	
732	9.847 444	8	9.995 937	15	0.004 063	9.851 507	7	268	
733	9.847 452	8	9.995 952	15	0.004 048	9.851 499	8	267	
734	9.847 459	7	9.995 967	15	0.004 033	9.851 492	7	266	
735	9.847 467	8	9.995 983	16	0.004 017	9.851 484	8	265	
736	9.847 475	8	9.995 998	15	0.004 002	9.851 477	7	264	
737	9.847 482	7	9.996 013	15	0.003 987	9.851 469	8	263	
738	9.847 490	8	9.996 028	15	0.003 972	9.851 462	7	262	
739	9.847 498	8	9.996 043	15	0.003 957	9.851 454	8	261	
.740	9.847 505	7	9.996 058	15	0.003 942	9.851 447	7	.260	
741	9.847 513	8	9.996 074	16	0.003 926	9.851 439	8	259	
742	9.847 521	8	9.996 089	15	0.003 911	9.851 432	7	258	
743	9.847 528	7	9.996 104	15	0.003 896	9.851 424	8	257	
744	9.847 536	8	9.996 119	15	0.003 881	9.851 417	7	256	
745	9.847 544	8	9.996 134	15	0.003 866	9.851 409	8	255	
746	9.847 551	7	9.996 149	15	0.003 851	9.851 402	7	254	
747	9.847 559	8	9.996 165	16	0.003 835	9.851 394	8	253	
748	9.847 566	8	9.996 180	15	0.003 820	9.851 387	7	252	
749	9.847 574	7	9.996 195	15	0.003 805	9.851 379	8	251	
.750	9.847 582	8	9.996 210	15	0.003 790	9.851 372	7	.250	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.300 — 45°.250

44°.750 — 44°.800

44°	sin	d	tang	d	cotg	cos	d		P.P.
.750	9.847 582		9.996 210		0.003 790	9.851 372		.250	
751	9.847 589	7	9.996 225	15	0.003 775	9.851 364	8	249	
752	9.847 597	8	9.996 240	15	0.003 760	9.851 357	7	248	
753	9.847 605	8	9.996 255	15	0.003 745	9.851 349	8	247	
754	9.847 612	7	9.996 271	16	0.003 729	9.851 342	7	246	
755	9.847 620	8	9.996 286	15	0.003 714	9.851 334	8	245	
756	9.847 628	8	9.996 301	15	0.003 699	9.851 327	7	244	
757	9.847 635	7	9.996 316	15	0.003 684	9.851 319	8	243	
758	9.847 643	8	9.996 331	15	0.003 669	9.851 312	7	242	
759	9.847 651	8	9.996 346	15	0.003 654	9.851 304	8	241	
.760	9.847 658	7	9.996 362	16	0.003 638	9.851 297	7	.240	
761	9.847 666	8	9.996 377	15	0.003 623	9.851 289	8	239	
762	9.847 673	7	9.996 392	15	0.003 608	9.851 282	7	238	
763	9.847 681	8	9.996 407	15	0.003 593	9.851 274	8	237	
764	9.847 689	8	9.996 422	15	0.003 578	9.851 267	7	236	
765	9.847 696	7	9.996 437	15	0.003 563	9.851 259	8	235	
766	9.847 704	8	9.996 453	16	0.003 547	9.851 251	8	234	
767	9.847 712	8	9.996 468	15	0.003 532	9.851 244	7	233	
768	9.847 719	7	9.996 483	15	0.003 517	9.851 236	8	232	
769	9.847 727	8	9.996 498	15	0.003 502	9.851 229	7	231	
.770	9.847 735	8	9.996 513	15	0.003 487	9.851 221	8	.230	
771	9.847 742	7	9.996 528	15	0.003 472	9.851 214	7	229	
772	9.847 750	8	9.996 544	16	0.003 456	9.851 206	8	228	
773	9.847 758	8	9.996 559	15	0.003 441	9.851 199	7	227	
774	9.847 765	7	9.996 574	15	0.003 426	9.851 191	8	226	
775	9.847 773	8	9.996 589	15	0.003 411	9.851 184	7	225	
776	9.847 780	7	9.996 604	15	0.003 396	9.851 176	8	224	
777	9.847 788	8	9.996 619	15	0.003 381	9.851 169	7	223	
778	9.847 796	8	9.996 635	16	0.003 365	9.851 161	8	222	
779	9.847 803	7	9.996 650	15	0.003 350	9.851 154	7	221	
.780	9.847 811	8	9.996 665	15	0.003 335	9.851 146	8	.220	
781	9.847 819	8	9.996 680	15	0.003 320	9.851 139	7	219	
782	9.847 826	7	9.996 695	15	0.003 305	9.851 131	8	218	
783	9.847 834	8	9.996 710	15	0.003 290	9.851 124	7	217	
784	9.847 842	8	9.996 725	15	0.003 275	9.851 116	8	216	
785	9.847 849	7	9.996 741	16	0.003 259	9.851 109	7	215	
786	9.847 857	8	9.996 756	15	0.003 244	9.851 101	8	214	
787	9.847 864	7	9.996 771	15	0.003 229	9.851 094	7	213	
788	9.847 872	8	9.996 786	15	0.003 214	9.851 086	8	212	
789	9.847 880	8	9.996 801	15	0.003 199	9.851 078	7	211	
.790	9.847 887	7	9.996 816	15	0.003 184	9.851 071	8	.210	
791	9.847 895	8	9.996 832	16	0.003 168	9.851 063	7	209	
792	9.847 903	8	9.996 847	15	0.003 153	9.851 056	8	208	
793	9.847 910	7	9.996 862	15	0.003 138	9.851 048	7	207	
794	9.847 918	8	9.996 877	15	0.003 123	9.851 041	8	206	
795	9.847 926	8	9.996 892	15	0.003 108	9.851 033	7	205	
796	9.847 933	7	9.996 907	15	0.003 093	9.851 026	8	204	
797	9.847 941	8	9.996 923	16	0.003 077	9.851 018	7	203	
798	9.847 948	8	9.996 938	15	0.003 062	9.851 011	8	202	
799	9.847 956	7	9.996 953	15	0.003 047	9.851 003	7	201	
.800	9.847 964	8	9.996 968	15	0.003 032	9.850 996	8	.200	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.250 — 45°.200

44°.800 — 44°.850

44°	sin	d	tang	d	cotg	cos	d		P.P.
.800	9.847 964		9.996 968		0.003 032	9.850 996		.200	
801	9.847 971	7	9.996 983	15	0.003 017	9.850 988	8	199	
802	9.847 979	8	9.996 998	15	0.003 002	9.850 981	7	198	
803	9.847 987	8	9.997 014	16	0.002 986	9.850 973	8	197	
804	9.847 994	7	9.997 029	15	0.002 971	9.850 966	7	196	
805	9.848 002	8	9.997 044	15	0.002 956	9.850 958	8	195	
806	9.848 010	8	9.997 059	15	0.002 941	9.850 951	7	194	
807	9.848 017	7	9.997 074	15	0.002 926	9.850 943	8	193	
808	9.848 025	8	9.997 089	15	0.002 911	9.850 935	7	192	
809	9.848 032	7	9.997 104	15	0.002 896	9.850 928	8	191	
.810	9.848 040	8	9.997 120	16	0.002 880	9.850 920		.190	
811	9.848 048	8	9.997 135	15	0.002 865	9.850 913	7	189	
812	9.848 055	7	9.997 150	15	0.002 850	9.850 905	8	188	
813	9.848 063	8	9.997 165	15	0.002 835	9.850 898	7	187	
814	9.848 071	8	9.997 180	15	0.002 820	9.850 890	8	186	
815	9.848 078	7	9.997 195	15	0.002 805	9.850 883	7	185	
816	9.848 086	8	9.997 211	16	0.002 789	9.850 875	8	184	
817	9.848 093	7	9.997 226	15	0.002 774	9.850 868	7	183	
818	9.848 101	8	9.997 241	15	0.002 759	9.850 860	8	182	
819	9.848 109	8	9.997 256	15	0.002 744	9.850 853	7	181	
.820	9.848 116	7	9.997 271	15	0.002 729	9.850 845	8	.180	
821	9.848 124	8	9.997 286	15	0.002 714	9.850 838	7	179	
822	9.848 132	8	9.997 302	16	0.002 698	9.850 830	8	178	
823	9.848 139	7	9.997 317	15	0.002 683	9.850 823	7	177	
824	9.848 147	8	9.997 332	15	0.002 668	9.850 815	8	176	
825	9.848 154	7	9.997 347	15	0.002 653	9.850 807	7	175	
826	9.848 162	8	9.997 362	15	0.002 638	9.850 800	8	174	
827	9.848 170	8	9.997 377	15	0.002 623	9.850 792	7	173	
828	9.848 177	7	9.997 393	16	0.002 607	9.850 785	8	172	
829	9.848 185	8	9.997 408	15	0.002 592	9.850 777	7	171	
.830	9.848 193	8	9.997 423	15	0.002 577	9.850 770		.170	
831	9.848 200	7	9.997 438	15	0.002 562	9.850 762	8	169	
832	9.848 208	8	9.997 453	15	0.002 547	9.850 755	7	168	
833	9.848 215	7	9.997 468	15	0.002 532	9.850 747	8	167	
834	9.848 223	8	9.997 483	15	0.002 517	9.850 740	7	166	
835	9.848 231	8	9.997 499	16	0.002 501	9.850 732	8	165	
836	9.848 238	7	9.997 514	15	0.002 486	9.850 725	7	164	
837	9.848 246	8	9.997 529	15	0.002 471	9.850 717	8	163	
838	9.848 254	8	9.997 544	15	0.002 456	9.850 709	7	162	
839	9.848 261	7	9.997 559	15	0.002 441	9.850 702	8	161	
.840	9.848 269	8	9.997 574	15	0.002 426	9.850 694		.160	
841	9.848 276	7	9.997 590	16	0.002 410	9.850 687	7	159	
842	9.848 284	8	9.997 605	15	0.002 395	9.850 679	8	158	
843	9.848 292	8	9.997 620	15	0.002 380	9.850 672	7	157	
844	9.848 299	7	9.997 635	15	0.002 365	9.850 664	8	156	
845	9.848 307	8	9.997 650	15	0.002 350	9.850 657	7	155	
846	9.848 315	8	9.997 665	15	0.002 335	9.850 649	8	154	
847	9.848 322	7	9.997 681	16	0.002 319	9.850 642	7	153	
848	9.848 330	8	9.997 696	15	0.002 304	9.850 634	8	152	
849	9.848 337	7	9.997 711	15	0.002 289	9.850 627	7	151	
.850	9.848 345	8	9.997 726	15	0.002 274	9.850 619	8	.150	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

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1	1.6	1.5
2	3.2	3.0
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

44°.850 — 44°.900

44°	sin	d	tang	d	cotg	cos	d		P.P.
.850	9.848 345	8	9.997 726	15	0.002 274	9.850 619	8	.150	
851	9.848 353	7	9.997 741	15	0.002 259	9.850 611	7	149	
852	9.848 360	8	9.997 756	16	0.002 244	9.850 604	8	148	
853	9.848 368	8	9.997 772	15	0.002 228	9.850 596	7	147	
854	9.848 376	7	9.997 787	15	0.002 213	9.850 589	8	146	
855	9.848 383	8	9.997 802	15	0.002 198	9.850 581	7	145	
856	9.848 391	7	9.997 817	15	0.002 183	9.850 574	8	144	
857	9.848 398	8	9.997 832	15	0.002 168	9.850 566	7	143	
858	9.848 406	8	9.997 847	15	0.002 153	9.850 559	8	142	
859	9.848 414	7	9.997 862	16	0.002 138	9.850 551	7	141	
.860	9.848 421	8	9.997 878	15	0.002 122	9.850 544	8	.140	
861	9.848 429	7	9.997 893	15	0.002 107	9.850 536	7	139	
862	9.848 436	8	9.997 908	15	0.002 092	9.850 529	8	138	
863	9.848 444	8	9.997 923	15	0.002 077	9.850 521	8	137	
864	9.848 452	7	9.997 938	15	0.002 062	9.850 513	7	136	
865	9.848 459	8	9.997 953	16	0.002 047	9.850 506	8	135	
866	9.848 467	8	9.997 969	15	0.002 031	9.850 498	7	134	
867	9.848 475	7	9.997 984	15	0.002 016	9.850 491	8	133	
868	9.848 482	8	9.997 999	15	0.002 001	9.850 483	7	132	
869	9.848 490	7	9.998 014	15	0.001 986	9.850 476	8	131	
.870	9.848 497	8	9.998 029	15	0.001 971	9.850 468	7	.130	
871	9.848 505	8	9.998 044	16	0.001 956	9.850 461	8	129	
872	9.848 513	7	9.998 060	15	0.001 940	9.850 453	7	128	
873	9.848 520	8	9.998 075	15	0.001 925	9.850 446	8	127	
874	9.848 528	7	9.998 090	15	0.001 910	9.850 438	8	126	
875	9.848 535	8	9.998 105	15	0.001 895	9.850 430	7	125	
876	9.848 543	8	9.998 120	15	0.001 880	9.850 423	8	124	
877	9.848 551	7	9.998 135	16	0.001 865	9.850 415	7	123	
878	9.848 558	8	9.998 151	15	0.001 849	9.850 408	8	122	
879	9.848 566	8	9.998 166	15	0.001 834	9.850 400	7	121	
.880	9.848 574	7	9.998 181	15	0.001 819	9.850 393	8	.120	
881	9.848 581	8	9.998 196	15	0.001 804	9.850 385	7	119	
882	9.848 589	7	9.998 211	15	0.001 789	9.850 378	8	118	
883	9.848 596	8	9.998 226	15	0.001 774	9.850 370	8	117	
884	9.848 604	8	9.998 241	16	0.001 759	9.850 362	7	116	
885	9.848 612	7	9.998 257	15	0.001 743	9.850 355	8	115	
886	9.848 619	8	9.998 272	15	0.001 728	9.850 347	7	114	
887	9.848 627	7	9.998 287	15	0.001 713	9.850 340	8	113	
888	9.848 634	8	9.998 302	15	0.001 698	9.850 332	7	112	
889	9.848 642	8	9.998 317	15	0.001 683	9.850 325	8	111	
.890	9.848 650	7	9.998 332	16	0.001 668	9.850 317	7	.110	
891	9.848 657	8	9.998 348	15	0.001 652	9.850 310	8	109	
892	9.848 665	7	9.998 363	15	0.001 637	9.850 302	7	108	
893	9.848 672	8	9.998 378	15	0.001 622	9.850 295	8	107	
894	9.848 680	8	9.998 393	15	0.001 607	9.850 287	7	106	
895	9.848 688	7	9.998 408	15	0.001 592	9.850 279	8	105	
896	9.848 695	8	9.998 423	16	0.001 577	9.850 272	7	104	
897	9.848 703	7	9.998 439	15	0.001 561	9.850 264	8	103	
898	9.848 710	8	9.998 454	15	0.001 546	9.850 257	7	102	
899	9.848 718	8	9.998 469	15	0.001 531	9.850 249	8	101	
.900	9.848 726	7	9.998 484	15	0.001 516	9.850 242	7	.100	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
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5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.150 — 45°.100

44°.900 — 44°.950

44°	sin	d	tang	d	cotg	cos	d		P.P.
.900	9.848 726		9.998 484		0.001 516	9.850 242		.100	
901	9.848 733	7	9.998 499	15	0.001 501	9.850 234	8	099	
902	9.848 741	8	9.998 514	15	0.001 486	9.850 227	7	098	
903	9.848 749	8	9.998 530	16	0.001 470	9.850 219	8	097	
904	9.848 756	7	9.998 545	15	0.001 455	9.850 211	8	096	
905	9.848 764	8	9.998 560	15	0.001 440	9.850 204	7	095	
906	9.848 771	7	9.998 575	15	0.001 425	9.850 196	8	094	
907	9.848 779	8	9.998 590	15	0.001 410	9.850 189	7	093	
908	9.848 787	8	9.998 605	15	0.001 395	9.850 181	8	092	
909	9.848 794	7	9.998 620	15	0.001 380	9.850 174	7	091	
		8		16			8		
.910	9.848 802		9.998 636		0.001 364	9.850 166		.090	
		7		15			7	089	
911	9.848 809	8	9.998 651	15	0.001 349	9.850 159	8	088	
912	9.848 817	8	9.998 666	15	0.001 334	9.850 151	8	087	
913	9.848 825	8	9.998 681	15	0.001 319	9.850 143	8		
914	9.848 832	7	9.998 696	15	0.001 304	9.850 136	7	086	
915	9.848 840	8	9.998 711	15	0.001 289	9.850 128	8	085	
916	9.848 847	7	9.998 727	16	0.001 273	9.850 121	7	084	
		8		15			8		
917	9.848 855	8	9.998 742	15	0.001 258	9.850 113	7	083	
918	9.848 863	8	9.998 757	15	0.001 243	9.850 106	7	082	
919	9.848 870	7	9.998 772	15	0.001 228	9.850 098	8	081	
		8		15			7		
.920	9.848 878		9.998 787		0.001 213	9.850 091		.080	
		7		15			8		
921	9.848 885	8	9.998 802	16	0.001 198	9.850 083	8	079	
922	9.848 893	8	9.998 818	16	0.001 182	9.850 075	8	078	
923	9.848 901	8	9.998 833	15	0.001 167	9.850 068	7	077	
		7		15			8		
924	9.848 908	8	9.998 848	15	0.001 152	9.850 060	7	076	
925	9.848 916	8	9.998 863	15	0.001 137	9.850 053	7	075	
926	9.848 923	7	9.998 878	15	0.001 122	9.850 045	8	074	
		8		15			7		
927	9.848 931	8	9.998 893	15	0.001 107	9.850 038	8	073	
928	9.848 939	8	9.998 908	15	0.001 092	9.850 030	8	072	
929	9.848 946	7	9.998 924	16	0.001 076	9.850 023	7	071	
		8		15			8		
.930	9.848 954		9.998 939		0.001 061	9.850 015		.070	
		7		15			8		
931	9.848 961	8	9.998 954	15	0.001 046	9.850 007	7	069	
932	9.848 969	8	9.998 969	15	0.001 031	9.850 000	8	068	
933	9.848 977	8	9.998 984	15	0.001 016	9.849 992	8	067	
934	9.848 984	7	9.998 999	15			7		
935	9.848 992	8	9.999 015	16	0.001 001	9.849 985	8	066	
936	9.848 999	7	9.999 030	15	0.000 985	9.849 977	7	065	
		8		15	0.000 970	9.849 970	8	064	
937	9.849 007	8	9.999 045	15	0.000 955	9.849 962	7	063	
938	9.849 015	8	9.999 060	15	0.000 940	9.849 954	8	062	
939	9.849 022	7	9.999 075	15	0.000 925	9.849 947	7	061	
		8		15			8		
.940	9.849 030		9.999 090		0.000 910	9.849 939		.060	
		7		16			7		
941	9.849 037	8	9.999 106	16	0.000 894	9.849 932	8	059	
942	9.849 045	8	9.999 121	15	0.000 879	9.849 924	8	058	
943	9.849 053	8	9.999 136	15	0.000 864	9.849 917	7	057	
		7		15			8		
944	9.849 060	8	9.999 151	15	0.000 849	9.849 909	8	056	
945	9.849 068	8	9.999 166	15	0.000 834	9.849 901	8	055	
946	9.849 075	7	9.999 181	15	0.000 819	9.849 894	7	054	
		8		16			8		
947	9.849 083	8	9.999 197	16	0.000 803	9.849 886	8	053	
948	9.849 090	7	9.999 212	15	0.000 788	9.849 879	7	052	
949	9.849 098	8	9.999 227	15	0.000 773	9.849 871	8	051	
		8		15			7		
.950	9.849 106		9.999 242		0.000 758	9.849 864		.050	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
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7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3

45°.100 — 45°.050

44°.950 — 45°.000

44°	sin	d	tang	d	cotg	cos	d		P.P.
.950	9.849 106		9.999 242		0.000 758	9.849 864		.050	
951	9.849 113	7	9.999 257	15	0.000 743	9.849 856	8	049	
952	9.849 121	8	9.999 272	15	0.000 728	9.849 849	7	048	
953	9.849 128	7	9.999 287	15	0.000 713	9.849 841	8	047	
		8		16			8		
954	9.849 136	8	9.999 303	15	0.000 697	9.849 833	7	046	
955	9.849 144	7	9.999 318	15	0.000 682	9.849 826	8	045	
956	9.849 151	8	9.999 333	15	0.000 667	9.849 818	7	044	
		8		15			8		
957	9.849 159	7	9.999 348	15	0.000 652	9.849 811	7	043	
958	9.849 166	8	9.999 363	15	0.000 637	9.849 803	8	042	
959	9.849 174	8	9.999 378	15	0.000 622	9.849 796	7	041	
		8		16			8		
.960	9.849 182		9.999 394		0.000 606	9.849 788		.040	
		7		15			8		
961	9.849 189	8	9.999 409	15	0.000 591	9.849 780	7	039	
962	9.849 197	8	9.999 424	15	0.000 576	9.849 773	8	038	
963	9.849 204	7	9.999 439	15	0.000 561	9.849 765	7	037	
		8		15			8		
964	9.849 212	8	9.999 454	15	0.000 546	9.849 758	7	036	
965	9.849 220	8	9.999 469	15	0.000 531	9.849 750	8	035	
966	9.849 227	7	9.999 485	16	0.000 515	9.849 743	7	034	
		8		15			8		
967	9.849 235	7	9.999 500	15	0.000 500	9.849 735	8	033	
968	9.849 242	8	9.999 515	15	0.000 485	9.849 727	7	032	
969	9.849 250	8	9.999 530	15	0.000 470	9.849 720	8	031	
		7		15			8		
.970	9.849 257		9.999 545		0.000 455	9.849 712		.030	
		8		15			7		
971	9.849 265	8	9.999 560	16	0.000 440	9.849 705	8	029	
972	9.849 273	7	9.999 576	15	0.000 424	9.849 697	7	028	
973	9.849 280	8	9.999 591	15	0.000 409	9.849 690	8	027	
		8		15			8		
974	9.849 288	7	9.999 606	15	0.000 394	9.849 682	7	026	
975	9.849 295	8	9.999 621	15	0.000 379	9.849 674	8	025	
976	9.849 303	8	9.999 636	15	0.000 364	9.849 667	7	024	
		8		15			8		
977	9.849 311	7	9.999 651	15	0.000 349	9.849 659	7	023	
978	9.849 318	8	9.999 666	15	0.000 334	9.849 652	8	022	
979	9.849 326	8	9.999 682	16	0.000 318	9.849 644	7	021	
		7		15			8		
.980	9.849 333		9.999 697		0.000 303	9.849 637		.020	
		8		15			8		
981	9.849 341	8	9.999 712	15	0.000 288	9.849 629	7	019	
982	9.849 349	7	9.999 727	15	0.000 273	9.849 621	8	018	
983	9.849 356	8	9.999 742	15	0.000 258	9.849 614	7	017	
		8		15			8		
984	9.849 364	7	9.999 757	16	0.000 243	9.849 606	7	016	
985	9.849 371	8	9.999 773	15	0.000 227	9.849 599	8	015	
986	9.849 379	7	9.999 788	15	0.000 212	9.849 591	7	014	
		8		15			8		
987	9.849 386	8	9.999 803	15	0.000 197	9.849 584	7	013	
988	9.849 394	8	9.999 818	15	0.000 182	9.849 576	8	012	
989	9.849 402	8	9.999 833	15	0.000 167	9.849 568	7	011	
		7		15			8		
.990	9.849 409		9.999 848		0.000 152	9.849 561		.010	
		8		16			8		
991	9.849 417	7	9.999 864	15	0.000 136	9.849 553	7	009	
992	9.849 424	8	9.999 879	15	0.000 121	9.849 546	8	008	
993	9.849 432	8	9.999 894	15	0.000 106	9.849 538	7	007	
		8		15			8		
994	9.849 440	7	9.999 909	15	0.000 091	9.849 530	7	006	
995	9.849 447	8	9.999 924	15	0.000 076	9.849 523	8	005	
996	9.849 455	8	9.999 939	15	0.000 061	9.849 515	7	004	
		7		16			8		
997	9.849 462	8	9.999 955	15	0.000 045	9.849 508	7	003	
998	9.849 470	7	9.999 970	15	0.000 030	9.849 500	8	002	
999	9.849 477	8	9.999 985	15	0.000 015	9.849 493	7	001	
		8		15			8		
*.000	9.849 485		0.000 000		0.000 000	9.849 485		.000	
	cos	d	cotg	d	tang	sin	d	45°	P.P.

	16	15
1	1.6	1.5
2	3.2	3.0
3	4.8	4.5
4	6.4	6.0
5	8.0	7.5
6	9.6	9.0
7	11.2	10.5
8	12.8	12.0
9	14.4	13.5

	8	7
1	0.8	0.7
2	1.6	1.4
3	2.4	2.1
4	3.2	2.8
5	4.0	3.5
6	4.8	4.2
7	5.6	4.9
8	6.4	5.6
9	7.2	6.3