

POLARIS (POLE STAR) TABLE, 1982

FOR DETERMINING THE LATITUDE FROM A SEXTANT ALTITUDE

L.H.A. Υ	L.H.A. Υ	L.H.A. Υ	L.H.A. Υ	L.H.A. Υ	L.H.A. Υ	L.H.A. Υ	L.H.A. Υ
359 38	83 03	116 36	147 54	195 20	272 23	304 29	333 38
1 46	84 34	117 47	149 12	199 39	273 45	305 39	338 02
4 02	86 02	118 57	150 31	206 06	275 06	306 49	339 28
6 29	87 29	120 08	151 51	220 51	276 26	308 00	340 55
9 10	88 55	121 18	153 12	227 17	277 45	309 10	342 23
12 08	90 19	122 28	154 34	231 37	279 03	310 21	343 54
15 35	91 41	123 40	155 57	235 07	280 20	311 32	345 26
19 50	93 03	124 50	157 22	238 08	281 37	312 42	347 01
26 12	94 23	126 00	158 48	240 50	282 53	313 54	348 38
40 45	95 43	127 11	160 16	243 19	284 08	315 05	350 19
47 07	97 01	128 21	161 45	245 37	285 22	316 17	352 02
51 22	98 19	129 32	163 16	247 47	286 36	317 29	353 49
54 49	99 36	130 43	164 50	249 50	287 50	318 41	355 40
57 47	100 52	131 54	166 26	251 47	289 03	319 54	357 36
60 28	102 07	133 05	168 04	253 39	290 16	321 07	359 38
62 55	103 22	134 17	169 45	255 28	291 28	322 21	1 46
65 11	104 36	135 29	171 29	257 12	292 40	323 35	4 02
67 19	105 50	136 41	173 18	258 53	293 52	324 50	6 29
69 21	107 03	137 54	175 10	260 31	295 03	326 05	9 10
71 17	108 16	139 07	177 07	262 07	296 14	327 21	12 08
73 08	109 28	140 21	179 10	263 41	297 25	328 38	15 35
74 55	110 40	141 35	181 20	265 12	298 36	329 56	19 50
76 38	111 52	142 49	183 38	266 41	299 46	331 14	26 12
78 19	113 03	144 04	185 07	268 09	300 57	332 34	40 45
79 56	114 15	145 20	186 07	269 35	302 07	333 54	47 07
81 31	115 25	146 37	188 49	271 00	303 17	335 16	51 22
83 03	116 36	147 54	191 50	272 23	304 29	336 38	54 49

Q , which does not include refraction, is to be applied to the corrected sextant altitude of *Polaris*.
Polaris: Mag. 2.1, S.H.A. 326°31', Dec. N. 89°11'.1

AZIMUTH OF POLARIS

L.H.A. Υ	Latitude					L.H.A. Υ	Latitude								
	0°	30°	50°	55°	60°		65°	70°	0°	30°	50°	55°	60°	65°	70°
0	0.4	0.5	0.7	0.8	0.9	1.1	1.4	180	359.6	359.5	359.3	359.2	359.1	359.0	358.7
10	0.3	0.4	0.5	0.6	0.7	0.8	1.0	190	359.7	359.6	359.5	359.4	359.4	359.3	359.1
20	0.2	0.2	0.3	0.3	0.4	0.5	0.6	200	359.8	359.8	359.7	359.7	359.6	359.6	359.5
30	0.0	0.1	0.1	0.1	0.1	0.1	0.2	210	0.0	359.9	359.9	359.9	359.9	359.9	359.9
40	359.9	359.9	359.9	359.8	359.8	359.8	359.7	220	0.1	0.1	0.1	0.2	0.2	0.2	0.3
50	359.8	359.7	359.6	359.6	359.5	359.4	359.3	230	0.2	0.3	0.4	0.4	0.5	0.5	0.7
60	359.6	359.6	359.4	359.4	359.3	359.1	358.9	240	0.4	0.4	0.6	0.6	0.7	0.8	1.0
70	359.5	359.4	359.2	359.1	359.0	358.8	358.5	250	0.5	0.6	0.7	0.8	1.0	1.1	1.4
80	359.4	359.3	359.1	359.0	358.8	358.6	358.2	260	0.6	0.7	0.9	1.0	1.2	1.4	1.7
90	359.3	359.2	358.9	358.8	358.6	358.4	358.0	270	0.7	0.8	1.0	1.2	1.3	1.6	1.9
100	359.3	359.1	358.8	358.7	358.5	358.2	357.8	280	0.7	0.9	1.2	1.3	1.5	1.7	2.2
110	359.2	359.1	358.8	358.6	358.4	358.1	357.7	290	0.8	0.9	1.2	1.4	1.6	1.9	2.3
120	359.2	359.1	358.7	358.6	358.4	358.1	357.6	300	0.8	0.9	1.3	1.4	1.6	1.9	2.4
130	359.2	359.1	358.7	358.6	358.4	358.1	357.6	310	0.8	0.9	1.3	1.4	1.6	1.9	2.3
140	359.2	359.1	358.8	358.6	358.4	358.2	357.7	320	0.8	0.9	1.2	1.4	1.6	1.9	2.3
150	359.3	359.2	358.9	358.7	358.6	358.3	357.9	330	0.7	0.8	1.1	1.3	1.5	1.7	2.2
160	359.3	359.2	359.0	358.9	358.7	358.5	358.1	340	0.7	0.8	1.0	1.2	1.3	1.6	2.0
170	359.4	359.4	359.1	359.0	358.9	358.7	358.4	350	0.6	0.7	0.9	1.0	1.1	1.4	1.7
180	359.6	359.5	359.3	359.2	359.1	359.0	358.7	360	0.4	0.5	0.7	0.8	0.9	1.1	1.4

When Cassiopeia is left (right), *Polaris* is west (east).

use in this Almanac is
 G.M.T., or vice versa,