

FOR DETERMINING THE LATITUDE FROM A SEXTANT ALTITUDE

LHA Aries	Q	LHA Aries	Q	LHA Aries	Q	LHA Aries	Q	LHA Aries	Q	LHA Aries	Q	LHA Aries	Q	LHA Aries	Q
359 32	-27	86 54	-28	123 44	-7	155 47	+14	199 49	+35	283 11	+20	316 27	-1	349 54	-22
1 39	-28	89 06	-27	125 15	-6	157 24	+15	203 36	+36	284 57	+19	317 57	-2	351 44	-23
3 51	-29	91 13	-26	126 46	-5	159 02	+16	208 08	+37	286 41	+18	319 27	-3	353 36	-24
6 08	-30	93 15	-25	128 17	-4	160 41	+17	214 20	+38	288 23	+17	320 57	-4	355 31	-25
8 33	-31	95 14	-24	129 48	-3	162 22	+18	236 25	+39	290 04	+16	322 28	-5	357 30	-26
11 07	-32	97 09	-23	131 18	-2	164 04	+19	242 37	+40	291 43	+15	323 59	-6	359 32	-27
13 51	-33	99 01	-22	132 48	-1	165 48	+20	247 09	+41	293 21	+14	325 30	-7	1 39	-28
16 49	-34	100 51	-21	134 18	0	167 34	+21	250 56	+42	294 58	+13	327 01	-8	3 51	-29
20 06	-35	102 39	-20	135 49	0	169 22	+22	254 15	+43	296 34	+12	328 33	-9	6 08	-30
23 50	-36	104 24	-19	137 19	+1	171 13	+23	257 14	+44	298 09	+11	330 05	-10	8 33	-31
28 19	-37	106 07	-18	138 49	+2	173 06	+24	260 00	+45	299 43	+10	331 39	-11	11 07	-32
34 27	-38	107 49	-17	140 19	+3	175 02	+25	262 35	+46	301 17	+9	333 12	-12	13 51	-33
56 18	-37	109 29	-16	141 50	+4	177 01	+26	265 01	+47	302 49	+8	334 47	-13	16 49	-34
62 26	-36	111 08	-15	143 21	+5	179 05	+27	267 20	+48	304 21	+7	336 23	-14	20 06	-35
66 55	-35	112 46	-14	144 52	+6	181 12	+28	269 33	+49	305 53	+6	337 59	-15	23 50	-36
70 39	-34	114 22	-13	146 24	+7	183 25	+29	271 40	+50	307 24	+5	339 37	-16	28 19	-37
73 56	-33	115 58	-12	147 56	+8	185 44	+30	273 44	+51	308 55	+4	341 16	-17	34 27	-38
76 54	-32	117 33	-11	149 28	+9	188 10	+31	275 43	+52	310 26	+3	342 56	-18	36 51	-39
79 38	-31	119 06	-10	151 02	+10	190 45	+32	277 39	+53	311 56	+2	344 38	-19	62 26	-40
82 12	-30	120 40	-9	152 36	+11	193 31	+33	279 32	+54	313 26	+1	346 21	-20	66 55	-41
84 37	-29	122 12	-8	154 11	+12	196 30	+34	281 23	+55	314 56	0	348 06	-21	70 39	-42
86 54		123 44		155 47	+13	199 49	+34	283 11	+21	316 27		349 54		73 56	-43

In critical cases, ascend

Q, which does not include refraction, is to be applied to the corrected sextant altitude of *Polaris*.

*Polaris*: Mag. 2.0, SHA 314° 37', Dec N89° 21'8

AZIMUTH OF POLARIS, 2023

LHA Aries	Latitude						LHA Aries	Latitude							
	0°	30°	50°	55°	60°	65°		70°	0°	30°	50°	55°	60°	65°	70°
0	0.5	0.5	0.7	0.8	0.9	1.1	1.4	180	359.5	359.5	359.3	359.2	359.1	358.9	358.7
10	0.4	0.4	0.6	0.7	0.7	0.9	1.1	190	359.6	359.6	359.4	359.4	359.3	359.1	358.9
20	0.3	0.3	0.4	0.5	0.6	0.7	0.8	200	359.7	359.7	359.6	359.5	359.5	359.4	359.2
30	0.2	0.2	0.3	0.3	0.3	0.4	0.5	210	359.8	359.8	359.7	359.7	359.7	359.6	359.5
40	0.1	0.1	0.1	0.1	0.1	0.1	0.2	220	359.9	359.9	359.9	359.9	359.9	359.9	359.8
50	359.9	359.9	359.9	359.9	359.9	359.9	359.8	230	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60	359.8	359.8	359.7	359.7	359.7	359.6	359.5	240	0.2	0.2	0.2	0.3	0.3	0.4	0.5
70	359.7	359.7	359.6	359.5	359.5	359.4	359.2	250	0.3	0.3	0.4	0.5	0.5	0.6	0.8
80	359.6	359.6	359.4	359.4	359.3	359.1	358.9	260	0.4	0.4	0.6	0.6	0.7	0.8	1.0
90	359.6	359.5	359.3	359.2	359.1	358.9	358.7	270	0.4	0.5	0.7	0.8	0.9	1.0	1.3
100	359.5	359.4	359.2	359.1	359.0	358.8	358.5	280	0.5	0.6	0.8	0.9	1.0	1.2	1.5
110	359.4	359.3	359.1	359.0	358.8	358.6	358.3	290	0.6	0.7	0.9	1.0	1.1	1.3	1.7
120	359.4	359.3	359.0	358.9	358.8	358.5	358.2	300	0.6	0.7	1.0	1.1	1.2	1.4	1.8
130	359.4	359.3	359.0	358.9	358.7	358.5	358.1	310	0.6	0.7	1.0	1.1	1.3	1.5	1.8
140	359.4	359.3	359.0	358.9	358.7	358.5	358.1	320	0.6	0.7	1.0	1.1	1.3	1.5	1.9
150	359.4	359.3	359.0	358.9	358.8	358.6	358.2	330	0.6	0.7	1.0	1.1	1.2	1.5	1.8
160	359.4	359.3	359.1	359.0	358.9	358.6	358.3	340	0.6	0.7	0.9	1.0	1.2	1.4	1.7
170	359.5	359.4	359.2	359.1	359.0	358.8	358.5	350	0.5	0.6	0.8	0.9	1.1	1.3	1.6
180	359.5	359.5	359.3	359.2	359.1	358.9	358.7	360	0.5	0.5	0.7	0.8	0.9	1.1	1.4

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