

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
358 45	-27	87 02	-28	123 27	-7	155 15	+14	198 31	+35	283 06	+20	316 05	-1	349 14	-22
0 49	-28	89 12	-27	124 58	-6	156 51	+15	202 07	+36	284 51	+19	317 34	-2	351 02	-23
2 59	-29	91 16	-26	126 28	-5	158 28	+16	206 22	+37	286 34	+18	319 04	-3	352 53	-24
5 14	-30	93 17	-25	127 58	-4	160 06	+17	211 51	+38	288 15	+17	320 33	-4	354 47	-25
7 36	-31	95 14	-24	129 28	-3	161 46	+18	238 10	+39	289 55	+16	322 03	-5	356 44	-26
10 06	-32	97 08	-23	130 57	-2	163 27	+19	243 39	+40	291 33	+15	323 33	-6	358 45	-27
12 46	-33	98 59	-22	132 27	-1	165 10	+20	247 54	+41	293 10	+14	325 03	-7	0 49	-28
15 39	-34	100 47	-21	133 56	0	166 55	+21	251 30	+42	294 46	+13	326 34	-8	2 59	-29
18 49	-35	102 33	-20	135 26	+1	168 42	+22	254 41	+43	296 22	+12	328 05	-9	5 14	-30
22 22	-36	104 18	-19	136 56	+2	170 31	+23	257 35	+44	297 56	+11	329 37	-10	7 36	-31
26 34	-37	106 00	-18	138 25	+3	172 23	+24	260 17	+45	299 29	+10	331 09	-11	10 06	-32
32 00	-38	107 41	-17	139 55	+4	174 17	+25	262 48	+46	301 02	+9	332 42	-12	12 46	-33
58 01	-37	109 20	-16	141 25	+5	176 15	+26	265 11	+47	302 34	+8	334 16	-13	15 39	-34
63 27	-36	110 58	-15	142 55	+6	178 17	+27	267 28	+48	304 05	+7	335 51	-14	18 49	-35
67 39	-35	112 35	-14	144 25	+7	180 23	+28	269 38	+49	305 36	+6	337 26	-15	22 22	-36
71 12	-34	114 10	-13	145 56	+8	182 33	+29	271 44	+50	307 06	+5	339 03	-16	26 34	-37
74 22	-33	115 45	-12	147 27	+9	184 50	+30	273 46	+51	308 36	+4	340 41	-17	32 00	-38
77 15	-32	117 19	-11	148 59	+10	187 13	+31	275 44	+52	310 06	+3	342 20	-18	58 01	-39
79 55	-31	118 52	-10	150 32	+11	189 44	+32	277 38	+53	311 36	+2	344 01	-19	63 27	-40
82 25	-30	120 24	-9	152 05	+12	192 26	+33	279 30	+54	313 05	+1	345 43	-20	67 39	-41
84 47	-29	121 56	-8	153 39	+13	195 20	+34	281 19	+55	314 35	0	347 28	-21	71 12	-42
87 02	-28	123 27	-7	155 15	+14	198 31	+35	283 06	+56	316 05	0	349 14	-22	74 22	-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° 59', Dec N89° 21'5

AZIMUTH OF POLARIS, 2022

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	359.0
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	0.2
60	359.8	359.8	359.7	359.7	359.7	359.6	359.5	240	0.2	0.2	0.3	0.3	0.3	0.4	0.5
70	359.7	359.7	359.6	359.5	359.4	359.3	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	0.9	1.0
90	359.5	359.5	359.3	359.2	359.1	358.9	358.6	270	0.5	0.5	0.7	0.8	0.9	1.1	1.3
100	359.5	359.4	359.2	359.1	358.9	358.7	358.4	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	1.2	1.4	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	1.5	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	1.9
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	358.5	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	358.8	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).