

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 00	-28	85 24	-29	124 00	- 6	158 06	+17	219 41	+40	287 50	+17	322 06	- 6	0 02	-29
0 02	-29	87 31	-28	125 27	- 5	159 43	+18	227 52	+39	289 27	+16	323 33	- 7	2 09	-30
2 09	-30	89 33	-27	126 55	- 4	161 20	+19	237 23	+38	291 02	+15	325 01	- 8	4 22	-31
4 22	-31	91 31	-26	128 22	- 3	163 00	+20	242 37	+37	292 36	+14	326 30	- 9	6 41	-32
6 41	-32	93 26	-25	129 49	- 2	164 41	+21	246 43	+36	294 09	+13	327 59	-10	9 08	-33
9 08	-33	95 17	-24	131 16	- 1	166 23	+22	250 13	+35	295 41	+12	329 29	-11	11 44	-34
11 44	-34	97 06	-23	132 43	0	168 08	+23	253 20	+34	297 12	+11	330 59	-12	14 33	-35
14 33	-35	98 52	-22	134 11	0	169 55	+24	256 10	+33	298 43	+10	332 30	-13	17 38	-36
17 38	-36	100 36	-21	135 37	+ 1	171 45	+25	258 48	+32	300 12	+ 9	334 01	-14	21 05	-37
21 05	-37	102 19	-20	137 04	+ 2	173 37	+26	261 16	+31	301 42	+ 8	335 34	-15	25 09	-38
25 09	-38	103 59	-19	138 32	+ 3	175 32	+27	263 36	+30	303 10	+ 7	337 08	-16	30 19	-39
30 19	-39	105 38	-18	139 59	+ 4	177 32	+28	265 50	+29	304 39	+ 6	338 42	-17	39 44	-40
39 44	-40	107 15	-17	141 26	+ 5	179 35	+29	267 58	+28	306 07	+ 5	340 18	-18	47 49	-40
47 49	-40	108 51	-16	142 54	+ 6	181 43	+29	270 01	+28	307 34	+ 4	341 55	-18	57 14	-39
57 14	-39	110 25	-16	144 23	+ 7	183 57	+30	272 01	+27	309 01	+ 4	343 34	-19	62 24	-38
62 24	-38	111 59	-15	145 51	+ 8	186 17	+31	273 56	+26	310 29	+ 3	345 14	-20	66 28	-37
66 28	-37	113 32	-14	147 21	+ 9	188 45	+32	275 48	+25	311 56	+ 2	346 57	-21	69 55	-36
69 55	-36	115 03	-13	148 50	+10	191 23	+33	277 38	+24	313 22	+ 1	348 41	-22	73 00	-35
73 00	-35	116 34	-12	150 21	+11	194 13	+34	279 25	+23	314 50	0	350 27	-23	75 49	-34
75 49	-34	118 04	-11	151 52	+12	197 20	+35	281 10	+22	316 17	- 1	352 16	-24	78 25	-33
78 25	-33	119 34	-10	153 24	+13	200 50	+36	282 52	+21	317 44	- 2	354 07	-25	80 52	-32
80 52	-32	121 03	- 9	154 57	+14	204 56	+37	284 33	+20	319 11	- 3	356 02	-26	83 11	-31
83 11	-31	122 32	- 8	156 31	+15	210 10	+38	286 13	+19	320 38	- 4	358 00	-27	85 24	-30
85 24	-30	124 00	- 7	158 06	+16	219 41	+39	287 50	+18	322 06	- 5	0 02	-28	87 31	-29

In critical cases, ascend

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

Polaris: Mag. 2.1, SHA 316° 13', Dec N89° 20.4

AZIMUTH OF POLARIS, 2018

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	0.6	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	0.5	0.6	0.8	200	359.7	359.7	359.6	359.5	359.5	359.4	359.2
30	0.2	0.2	0.2	0.3	0.3	0.4	0.5	210	359.8	359.8	359.8	359.7	359.7	359.6	359.6
40	0.0	0.1	0.1	0.1	0.1	0.1	0.1	220	0.0	0.0	359.9	359.9	359.9	359.9	359.9
50	359.9	359.9	359.9	359.9	359.9	359.8	359.8	230	0.1	0.1	0.1	0.1	0.1	0.2	0.2
60	359.8	359.8	359.7	359.7	359.6	359.6	359.4	240	0.2	0.2	0.3	0.3	0.4	0.4	0.5
70	359.7	359.7	359.5	359.5	359.4	359.3	359.1	250	0.3	0.3	0.4	0.5	0.6	0.7	0.8
80	359.6	359.5	359.4	359.3	359.2	359.1	358.8	260	0.4	0.4	0.6	0.7	0.8	0.9	1.1
90	359.5	359.4	359.3	359.2	359.0	358.9	358.6	270	0.5	0.5	0.7	0.8	0.9	1.1	1.4
100	359.5	359.4	359.1	359.0	358.9	358.7	358.4	280	0.5	0.6	0.8	0.9	1.1	1.3	1.6
110	359.4	359.3	359.1	358.9	358.8	358.6	358.2	290	0.6	0.7	0.9	1.0	1.2	1.4	1.7
120	359.4	359.3	359.0	358.9	358.7	358.5	358.1	300	0.6	0.7	1.0	1.1	1.3	1.5	1.9
130	359.3	359.2	359.0	358.9	358.7	358.4	358.1	310	0.7	0.8	1.0	1.1	1.3	1.6	1.9
140	359.3	359.2	359.0	358.9	358.7	358.5	358.1	320	0.7	0.8	1.0	1.1	1.3	1.6	1.9
150	359.4	359.3	359.0	358.9	358.7	358.5	358.2	330	0.6	0.7	1.0	1.1	1.3	1.5	1.9
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	1.8
170	359.5	359.4	359.2	359.1	358.9	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).