

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 35		89 34		125 52		159 29		240 46		290 24		323 36		1 41	
1 41	-30	91 28	-27	127 17	-4	161 05	+19	244 54	+38	291 55	+15	325 03	-8	3 52	-31
3 52	-31	93 18	-26	128 42	-3	162 43	+20	248 25	+37	293 26	+14	326 30	-9	6 10	-32
6 10	-32	95 05	-25	130 07	-2	164 23	+21	251 31	+36	294 56	+13	327 57	-10	8 36	-33
8 36	-33	96 51	-24	131 32	-1	166 04	+22	254 21	+35	296 25	+12	329 25	-11	11 11	-34
11 11	-34	98 33	-23	132 58	0	167 47	+23	256 58	+34	297 53	+11	330 54	-12	13 59	-35
13 59	-35	100 14	-22	134 23	+1	169 33	+24	259 25	+33	299 21	+10	332 23	-13	17 04	-36
17 04	-36	101 53	-21	135 48	+2	171 22	+25	261 44	+32	300 48	+9	333 54	-14	20 32	-37
20 32	-37	103 30	-20	137 13	+3	173 13	+26	263 57	+31	302 15	+8	335 25	-15	24 37	-38
24 37	-38	105 06	-19	138 39	+4	175 07	+27	266 04	+30	303 41	+7	336 57	-16	29 55	-39
29 55	-39	106 41	-18	140 04	+5	177 05	+28	268 06	+29	305 07	+6	338 30	-17	55 16	-40
55 16	-40	108 14	-17	141 30	+6	179 07	+29	270 04	+28	306 32	+5	340 05	-18	60 34	-39
60 34	-39	109 46	-16	142 56	+7	181 14	+30	271 58	+27	307 58	+4	341 41	-19	64 39	-38
64 39	-38	111 17	-15	144 23	+8	183 27	+31	273 49	+26	309 23	+3	343 18	-20	68 07	-37
68 07	-37	112 48	-14	145 50	+9	185 46	+32	275 38	+25	310 48	+2	344 57	-21	71 12	-36
71 12	-36	114 17	-13	147 18	+10	188 13	+33	277 24	+24	312 13	+1	346 38	-22	74 00	-35
74 00	-35	115 46	-12	148 46	+11	190 50	+34	279 07	+23	313 39	0	348 20	-23	76 35	-34
76 35	-34	117 14	-11	149 46	+12	193 40	+35	280 48	+22	315 04	-1	350 06	-24	79 01	-33
79 01	-33	118 41	-10	150 15	+13	196 46	+36	282 28	+21	316 29	-2	351 53	-25	81 19	-32
81 19	-32	120 08	-9	151 45	+14	200 17	+37	284 06	+20	317 54	-3	353 43	-26	83 30	-31
83 30	-31	121 35	-8	153 16	+15	204 25	+38	285 42	+19	319 19	-4	355 37	-27	85 36	-30
85 36	-30	123 01	-7	154 47	+16	209 46	+39	287 17	+18	320 44	-5	357 34	-28	87 37	-29
87 37	-29	124 27	-6	156 20	+17	235 25	+40	288 51	+17	322 10	-6	359 35	-29	89 34	-28
89 34	-28	125 52	-5	157 54	+18	240 46	+39	290 24	+16	323 36	-7	1 41	-30	91 28	-27

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 317° 24', Dec N89° 19'5

AZIMUTH OF POLARIS, 2014

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	359.2	359.0
20	0.3	0.3	0.4	0.5	0.5	0.6	0.8	200	359.7	359.7	359.6	359.6	359.5	359.4	359.3
30	0.1	0.2	0.2	0.3	0.3	0.4	0.4	210	359.9	359.8	359.8	359.7	359.7	359.7	359.6
40	0.0	0.0	0.0	0.1	0.1	0.1	0.1	220	0.0	0.0	0.0	359.9	359.9	359.9	359.9
50	359.9	359.9	359.9	359.8	359.8	359.8	359.7	230	0.1	0.1	0.1	0.1	0.2	0.2	0.2
60	359.8	359.8	359.7	359.6	359.6	359.5	359.4	240	0.2	0.2	0.3	0.3	0.4	0.5	0.6
70	359.7	359.6	359.5	359.5	359.4	359.2	359.1	250	0.3	0.4	0.5	0.5	0.6	0.7	0.9
80	359.6	359.5	359.4	359.3	359.2	359.0	358.8	260	0.4	0.5	0.6	0.7	0.8	1.0	1.2
90	359.5	359.4	359.2	359.1	359.0	358.8	358.5	270	0.5	0.6	0.8	0.9	1.0	1.2	1.4
100	359.4	359.3	359.1	359.0	358.9	358.6	358.3	280	0.6	0.7	0.9	1.0	1.1	1.3	1.6
110	359.4	359.3	359.0	358.9	358.7	358.5	358.2	290	0.6	0.7	1.0	1.1	1.2	1.5	1.8
120	359.3	359.2	359.0	358.8	358.7	358.4	358.1	300	0.7	0.8	1.0	1.1	1.3	1.6	1.9
130	359.3	359.2	359.0	358.8	358.7	358.4	358.0	310	0.7	0.8	1.0	1.2	1.3	1.6	2.0
140	359.3	359.2	359.0	358.8	358.7	358.4	358.1	320	0.7	0.8	1.0	1.2	1.3	1.6	2.0
150	359.4	359.3	359.0	358.9	358.7	358.5	358.1	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	1.1	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).