

# SEXTANT TILT CORRECTION

To be subtracted from altitude reading

Sextant altitude reading	SEXTANT TILT									
	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.9	1.1
10	0.0	0.1	0.2	0.4	0.6	0.8	1.1	1.5	1.9	2.3
15	0.0	0.1	0.3	0.6	0.9	1.3	1.7	2.2	2.8	3.5
20	0.0	0.2	0.4	0.8	1.2	1.7	2.3	3.0	3.9	4.8
25	0.1	0.2	0.5	1.0	1.5	2.2	3.0	3.9	4.9	6.1
30	0.1	0.3	0.7	1.2	1.9	2.7	3.7	4.8	6.1	7.5
35	0.1	0.4	0.8	1.5	2.3	3.3	4.5	5.9	7.4	9.2
40	0.1	0.4	1.0	1.8	2.7	4.0	5.4	7.0	8.9	11.0
45	0.1	0.5	1.2	2.1	3.3	4.7	6.4	8.4	10.6	13.1
46	0.1	0.5	1.2	2.2	3.4	4.9	6.6	8.7	11.0	13.5
47	0.1	0.6	1.3	2.2	3.5	5.0	6.9	9.0	11.3	14.0
48	0.1	0.6	1.3	2.3	3.6	5.2	7.1	9.3	11.7	14.5
49	0.2	0.6	1.4	2.4	3.8	5.4	7.4	9.6	12.2	15.0
50	0.2	0.6	1.4	2.5	3.9	5.6	7.6	10.0	12.6	15.5
51	0.2	0.6	1.5	2.6	4.0	5.8	7.9	10.3	13.1	16.1
52	0.2	0.7	1.5	2.7	4.2	6.0	8.2	10.7	13.5	16.7
53	0.2	0.7	1.6	2.8	4.3	6.2	8.5	11.1	14.0	17.3
54	0.2	0.7	1.6	2.9	4.5	6.5	8.8	11.5	14.5	17.9
55	0.2	0.7	1.7	3.0	4.7	6.7	9.1	11.9	15.1	18.6
56	0.2	0.8	1.7	3.1	4.8	7.0	9.5	12.4	15.7	19.3
57	0.2	0.8	1.8	3.2	5.0	7.2	9.9	12.9	16.3	20.1
58	0.2	0.8	1.9	3.3	5.2	7.5	10.2	13.4	16.9	20.8
59	0.2	0.9	2.0	3.5	5.4	7.8	10.6	13.9	17.6	21.7
60	0.2	0.9	2.0	3.6	5.7	8.1	11.1	14.5	18.3	22.5
61	0.2	0.9	2.1	3.8	5.9	8.5	11.5	15.0	19.0	23.5
62	0.2	1.0	2.2	3.9	6.1	8.8	12.0	15.7	19.8	24.4
63	0.3	1.0	2.3	4.1	6.4	9.2	12.5	16.4	20.7	25.5
64	0.3	1.1	2.4	4.3	6.7	9.6	13.1	17.1	21.6	26.6
65	0.3	1.1	2.5	4.5	7.0	10.1	13.7	17.9	22.6	27.8
66	0.3	1.2	2.6	4.7	7.3	10.5	14.3	18.7	23.6	29.1
67	0.3	1.2	2.8	4.9	7.7	11.1	15.0	19.6	24.8	30.5
68	0.3	1.3	2.9	5.2	8.1	11.6	15.8	20.6	26.0	32.0
69	0.3	1.4	3.1	5.4	8.5	12.2	16.6	21.6	27.3	33.7
70	0.4	1.4	3.2	5.7	9.0	12.9	17.5	22.8	28.8	35.4
71	0.4	1.5	3.4	6.1	9.5	13.6	18.5	24.1	30.4	37.4
72	0.4	1.6	3.6	6.4	10.0	14.4	19.6	25.5	32.2	39.6
73	0.4	1.7	3.8	6.8	10.6	15.3	20.8	27.0	34.1	42.0
74	0.5	1.8	4.1	7.3	11.3	16.3	22.1	28.8	36.3	44.6
75	0.5	2.0	4.4	7.8	12.1	17.4	23.6	30.7	38.7	47.6
76	0.5	2.1	4.7	8.4	13.0	18.7	25.3	33.0	41.5	51.0
77	0.6	2.2	5.1	9.0	14.0	20.2	27.3	35.5	44.6	54.8
78	0.6	2.5	5.5	9.8	15.2	21.8	29.6	38.4	48.3	59.2
79	0.7	2.7	6.0	10.7	16.6	23.8	32.2	41.8	52.5	
80	0.7	3.0	6.6	11.8	18.3	26.2	35.3	45.8	57.4	
81	0.8	3.3	7.4	13.1	20.3	29.0	39.1	50.5		
82	0.9	3.7	8.3	14.7	22.7	32.4	43.7	56.3		
83	1.1	4.2	9.5	16.7	25.9	36.8	49.3			
84	1.2	5.0	11.0	19.4	29.9	42.4	56.6			
85	1.5	5.9	13.0	23.0	35.3	49.7				
86	1.9	7.4	16.3	28.3	43.0	59.9				
87	2.5	9.7	21.2	36.3	54.3					
88	3.7	14.2	30.0	49.7						
89	7.1	24.9	48.2							

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30.0