

Method of working examples with these
the local hour angle is taken from top
hour angles taken from the bottom of

and 360°, taken from top of Table 1)
ge from the United States to Monte-
n D. R. position, latitude 31° 05' S.,
as follows: Watch 5^h 03^m 27^s p. m.;
Corrected altitude 18° 22'.4. Required

G. C. T. 26 March, $\begin{matrix} h & m & s \\ 19 & 52 & 11 \end{matrix}$
G. H. A. 26 March 18^h, 88° 32'.9 W.
Corr. 1^h 52^m 11^s, $\begin{matrix} 28 & 02.8 & W. \end{matrix}$
G. H. A. 116 35.7 W.

b, takes same name as latitude.
Z' takes same name as b.
Z'' takes same name as d + b.

C 103 Z' 39°5 S.
D 224 Z'' 64.8° S.

C + D 327 S 104.3 W.
(284°)

longitude 49° 36' W.

0° taken from foot of Table 1)

1930), the U. S. S. *Mississippi* making
in D. R. position latitude 40° 43' N.;
as follows: W. 7^h 38^m 12^s p. m.; C-W
de 14° 51'.1. Required the line of

G. C. T. 16 May $\begin{matrix} h & m & s \\ 0 & 36 & 25 \end{matrix}$
G. H. A. 16 May 314° 19'.4 W.
Corr. 0^h 36^m 25^s, $\begin{matrix} 9 & 07.8 & W. \end{matrix}$
G. H. A. 323 27.2 W.

takes the opposite name to the lati-
tude.

takes the same name as b.
takes the same name as d + b.

C 137 Z' 22°2 S.
D 390 Z'' 73.5 N.

C + D 527 N 51.3 E.
(51°)

longitude 68° 27.2' W.

BUBBLE SEXTANT

CORRECTIONS TO OBSERVED ALTITUDE OF SUN, STARS, AND MOON

MOON

Obs. Alt.	Sun or star	Hor. parallax				Obs. Alt.	Hor. parallax				
		54'	56'	58'	60'		54'	56'	58'	60'	
6	-8	5.5	+45	+47	+49	+51	46	+37	+38	+40	+41
7	7	6.0	45	47	49	51	47	36	37	39	40
8	6	6.5	46	48	50	52	48	35	37	38	39
9	6	7.0	46	48	50	52	49	35	36	37	39
10	5	7.5	47	49	51	53	50	34	35	37	38
11	-5	8.0	+47	+49	+51	+53	51	+33	+34	+36	+37
12	5	8.5	47	49	51	53	52	33	34	35	36
13	4	9.0	48	50	52	54	53	32	33	34	35
14	4	9.5	48	50	52	54	54	31	32	34	35
15	3	10	48	50	52	54	55	30	32	33	34
16	-3	11	+48	+50	+52	+54	56	+30	+31	+32	+33
17	3	12	49	50	52	54	57	29	30	31	32
18	3	13	49	51	53	54	58	28	29	30	31
19	3	14	49	51	53	54	59	27	28	29	30
20	3	15	49	51	53	54	60	27	28	29	30
22	2	16	+49	+51	+53	+54	61	+26	+27	+28	+29
24	-2	17	49	51	52	54	62	25	26	27	28
26	2	18	48	50	52	54	63	24	25	26	27
28	2	19	48	50	52	54	64	23	24	25	26
30	2	20	48	50	52	54	65	23	23	24	25
32	2	21	+48	+50	+52	+54	66	+22	+22	+23	+24
34	-2	22	48	50	52	53	67	21	22	22	23
36	1	23	48	49	51	53	68	20	21	22	22
38	1	24	47	49	51	53	69	19	20	21	21
40	1	25	47	49	51	52	70	18	19	20	20
45	1	26	+47	+48	+50	+52	71	+17	+18	+19	+19
50	1	27	46	48	50	52	72	16	17	18	18
55	-1	28	46	48	50	51	73	16	16	17	17
60	1	29	46	47	49	51	74	15	15	16	16
65	1	30	45	47	49	50	75	14	14	15	15
70	-1	31	+45	+46	+48	+50	76	+13	+13	+14	+14
75	0	32	44	46	48	49	77	12	12	13	13
80	0	33	44	46	47	49	78	11	12	12	12
85	0	34	43	45	47	48	79	10	11	11	11
90	0	35	43	44	46	48	80	9	10	10	10
36	+42	+44	+46	+47	81	+8	+9	+9	+9	+9	+9
37	42	44	45	47	82	8	8	8	8	8	8
38	41	43	45	46	83	7	7	7	7	7	7
39	41	42	44	46	84	6	6	6	6	6	6
40	40	42	43	45	85	5	5	5	5	5	5
41	+40	+41	+43	+44	86	+4	+4	+4	+4	+4	+4
42	39	41	42	44	87	3	3	3	3	3	3
43	39	40	42	43	88	2	2	2	2	2	2
44	38	39	41	42	89	1	1	1	1	1	1
45	+37	+39	+40	+42	90	0	0	0	0	0	0

Note.—This table must not be used for altitudes measured on the horizon.

Correc-
tions to
Observed
Altitudes
of Sun
Star or
Planet

Table
III

Table
I

Table
I-A

Table
II

Explana-
tion
of the
Instruc-
tion and
Use of
Tables