

EXAMPLE 1.

Corrected Altitude.....	°	'	"	or	°	'	
	41	48	20		41	48.33	
Latitude of place	46	27	10	"	46	27.17	
Dec'n corrected for Lon.....	19	23	38	"	19	23.63	
Tabular Hour Angle, Dec. 19°.....					h.	m.	sec.
					3	17	9
18.33 × 6 = ^{sec.} 109.97				=	—	1	50
27.17 × 1.83 = 49.72				=	—	49.7	
							h. m. sec.
							3 14 29.3 = A
Tabular Hour Angle, Dec. 20.....					3	21	22
18.33 × 6 = ^{sec.} 109.97				=	—	1	50
27.17 × 1.62 = 44.01				=	—	44	
							3 18 48 = B
					B-A =	4	18.7
B-A = 4.31 which multiplied by 23.63 gives ^{sec.} 101.9. ..				=		1	41.9
Adding to A gives Hour Angle						3	16 11.2

EXAMPLE 2.

Corrected Altitude	°	'	"	or	°	'	
	39	14	50		39	14.83	
Latitude of place... ..	57	12	40	"	57	12.67	
Dec'n corrected for Lon	22	9	20	"	22	9.33	
Tabular Hour Angle, Dec. 22					h.	m.	sec.
					3	25	32
14.83 × 7.9 = ^{sec.} 117.2				=	—	1	57.2
12.67 × 3 = 38				=	—	38.0	
							h. m. sec.
							3 22 56.8 = A
Tabular Hour Angle, Dec. 23					3	32	3
14.83 × 7.8 = ^{sec.} 115.7				=	—	1	55.7
12.67 × 2.65 = 33.6				=	—	33.6	
							3 29 33.7 = B
							6 36.9 = B-A
6.62 × 9.33 = ^{sec.} 61.8				=	—	1	1.8
Adding to A gives Hour Angle				=		3	23 58.6