Meridian Passage

Preparation

Date (local)	d	m	y	**EP Lat**	N / S	°	′
TZ	h	- East + West		**EP Lon**	E / W	°	′
Mer. Pass.	h	m	s	**Log**			Nm
Arc. Time + / -	h	m	s	- East + West			
UT Mer. P.	h	m	s				
Local Mer. P.	h	m	s				

Sight

Time (local)	h	m	s	H_s		°	′
Time (UT)	h	m	s	E_i	+ / - off / on		′
Date (UT)	d	m	y	H_e (____)	-		′
				H_a	=	°	′
				Alt. Corr.	+ / - LL / UL		′
				H_o	=	°	′

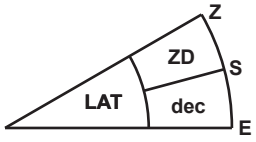
Almanac

Dec (hh)	N / S	°	′	
d (____)	+ rising - setting	°	′	
Dec	N / S	°	′	

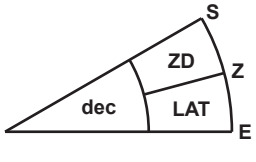
Zenith Distance (ZD)

90 Degrees		°	′
H_o	-	°	′
ZD	=	°	′

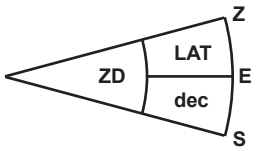
ZD / Dec		°	′
Dec / ZD	+ / -	°	′
Latitude	=	°	′



Dec Same (Summer)
Lat = ZD + Dec



Tropics in Summer if Lat < Dec
Lat = Dec - ZD



Dec Contrary (Winter)
Lat = ZD - Dec