

All Sights with Pub. 249 or Pub. 229

1	WT	h	m	s	date	body	Hs	o	,
	WE +S -F				DR Lat	log	index corr. + off - on		
	ZD +W -E				DR Lon	HE ft	DIP -		
	UTC	h	m	s	UTC date / LOP label		Ha	o	,
2	GHA hr.	o			v moon planets	Dec hr	o	d +	,
3	GHA + m.s.	o				d corr.	+	-	
	SHA + or v corr.	o			stars or moon, planets	Dec	o	Dec min	,
	GHA	o				tens		d upper	
	a-Lon -W+E	o				units		d lower	
	LHA	o			00° W / 60° E	dsd	+	dsd	
						d. corr.	Pub. 229		
4	LHA	o							
	Dec deg	o	N	S					
	a-Lat	o	N	S					
5	tab Hc	o				d +		Z	
	d. corr.	Pub. 249					Dec min		
	Hc	o							
6									

additional altitude corr.
moon, mars, venus

altitude corr.
all sights

upper limb
moon subtract 30'

Ho T Hc A a = TA

Zn =

a - Lat =

a - Lon =

North Latitudes

LHA greater than 180° Zn = Z
 LHA less than 180° Zn = 360° - Z

South Latitudes

LHA greater than 180° Zn = 180° - Z
 LHA less than 180° Zn = 180° + Z

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