

PLANET/STAR SIGHT

Date				DR Lat				N	S
Time UTC				DR Long				W	E

Body	Sextant Reading								
	Index Error		off +, on -		+/-				
	Dip for H/eyes			m	ft		-		
PLANET	Altitude Correction				+/-				
STAR	Mars/Venus Parallax				-				Alm Dly
Height Observed		Ho							

Stars only									First Point of Aries GHA at full hour	Alm Dly
	+								Sidereal Hour Angle SHA	
GHA at full hr						Tab Decl	N	S		
Piv						Planet d				
Planet v corr		Sign +/-				Planet d correction		Sign +/-		Incr& Corr
mm:ss GHA corr										
Total GHA						Declination	N	S		
+360 if GHA<DRLong										
choose A Long near DR Long; cancel mins						round DR Lat to nearest degree				
A Long	E+W-					A Lat	N	S		
LHA		W				SAME		CONTRARY		

Hc0				d'	+/-			Zo		SRT
Alt corr for decl'	+/-									7.5
Hc	-									
Ho	+									
Ic	+/-									
+ TOWARDS										
- AWAY										

LHA	>180	<180
DR N	=	360-
DR S	180-	180+

180/360	
+/-	
Z	

round Zo

Know/reckon/measure Look up Calculate Copy previous result Plot

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DR N	=	360-
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180/360	
+/-	
Z	

round Zo

Alm Dly Almanac Daily Pages Arc-to-Time Arc-to-Time Table Alt Corr "Yellow Pages" Alt Cor'ns Incr& Corr Increments & Corrections SRT

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mm:ss GHA corr										
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LHA		W				SAME		CONTRARY		

Hc0				d'	+/-			Zo		SRT
Alt corr for decl'	+/-									7.5
Hc	-									
Ho	+									
Ic	+/-									
+ TOWARDS										
- AWAY										

LHA	>180	<180
DR N	=	360-
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180/360	
+/-	
Z	

round Zo

Sight Reduction Tables 7.5 "Table 5" Published 2023/09 CC-BY-NC-ND by Daniel Ebnetter. Check avventuriera.ch/tools for updates.