

Sun Sight

DR latitude:

Chosen Latitude:

DR longitude:

Log reading:

Month: <input type="text"/>	Day: <input type="text"/>	Local Time: <input type="text"/>
Zone or longitude to time:		<input type="text"/>
Day & U.T. @ Greenwich	<input type="text"/>	<input type="text"/>

U.T of sight (hour minute and second) ^{HOUR} ^{MINS} ^{SECS}

For the hour of the sight ^{HOUR} find: GHA:

and Declination:

increment ^{MINS} ^{SECS} +

+ - "d" for ^{MINS} :

= G.H.A @ time of sight

= Declination @ time of sight

Chosen longitude (-West + East)

= Local Hour Angle

Enter sight reduction table with Chosen Latitude, Declination and Local Hour Angle:

"Hc"	<input type="text"/>	"Z"	<input type="text"/>	360/180
'd' <input type="text"/> correction for ' of dec.	<input type="text"/>	"ZN"	<input type="text"/>	
Tabulated Altitude	<input type="text"/>			

Sextant altitude

+/- index error

= Observed Altitude

Dip -

= Apparent Altitude

altitude correction

= True Altitude

Tabulated Altitude:

Intercept

Towards / Away
(Tabulated tinier = towards)