

Latitude by Polaris Worksheet

Date	
DR Lat	
DR Long	

The position of the star and the north celestial pole are nearly coincident.

$$Ho = \text{Latitude}$$

Make Observation	
Tab GHA Aries	
Incr'mts Aries	
GHA of Aries	
DR Long	
Exact LHA of Aries	

$$\text{LHA Aries} = \text{GHA} - \text{W long}$$

$$\text{GHA} + \text{E Long}$$

Polaris tables found on page 274 of the Nautical Almanac

$$Ho = \text{Latitude}$$

Hs	
Dip (ht of eye)	
Alt Corr.	
Temp/Baro (Ha < 10)	
a0 +	
a1 +	
a2 +	
Total Corr.	
Ha	
Subtract 60.0'	
Latitude	