

# Work Sheet: Local Apparent Noon Lan

Date	
DR Lat	
DR Long	
Your Meridian	
Diff Long Arc	
Arc to Time	
Egn of Time	
Time of LAN	

Your Central Meridian.  
Determine arc difference between meridian and your DR Longitude.

Convert to time, then add or subtract to the equation of time in the almanac.

Begin making observations up to 10 minutes prior to estimated LAN. Record sightings every minute.

Subtract Ho from 90 Deg. (89-60.0)

If Z Dist and Dec are same name, Add  
If Z Dist and Dec are Contrary, Subtract.

Make Observation	
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Tab Dec	
d +/-	
d corr.	
True Dec	

Hs	
Dip (ht of eye)	
Alt. Corr.	
89-60.0	
Ho	
Zenith Distance	
True Dec.	
Lattitude	