

## Observing Targets 8-7-16

Naked Eye	Locate and recognise constellations:- Hercules Bootes Corona Borealis
Binoculars	Find two globular clusters M13 and M92 in Hercules  Find and note colour of red giant star Arcturus and compare with colour of Antares-red star in Scorpius Find variable star in Corona Borealis RA (2000) 15h 48m 34.4s DE +28 deg 9 min 24.1 sec Currently below visibility in small binoculars but worth locating the site as could re-appear at any time.  Moon locate :- Mare Frigoris and Mare Imbrium Craters Copernicus and Tycho
Telescope	As for binoculars plus:- Note change in shape of Mars (It becomes gibbous) See if shadow of Saturn's globe on its rings can be seen  Double Stars :- Double double in Lyra Double with contrasting colours in Hercules i.e. Alpha Hercules RA 17h 14m 38.9s DE +14 deg 23min 25.9sec