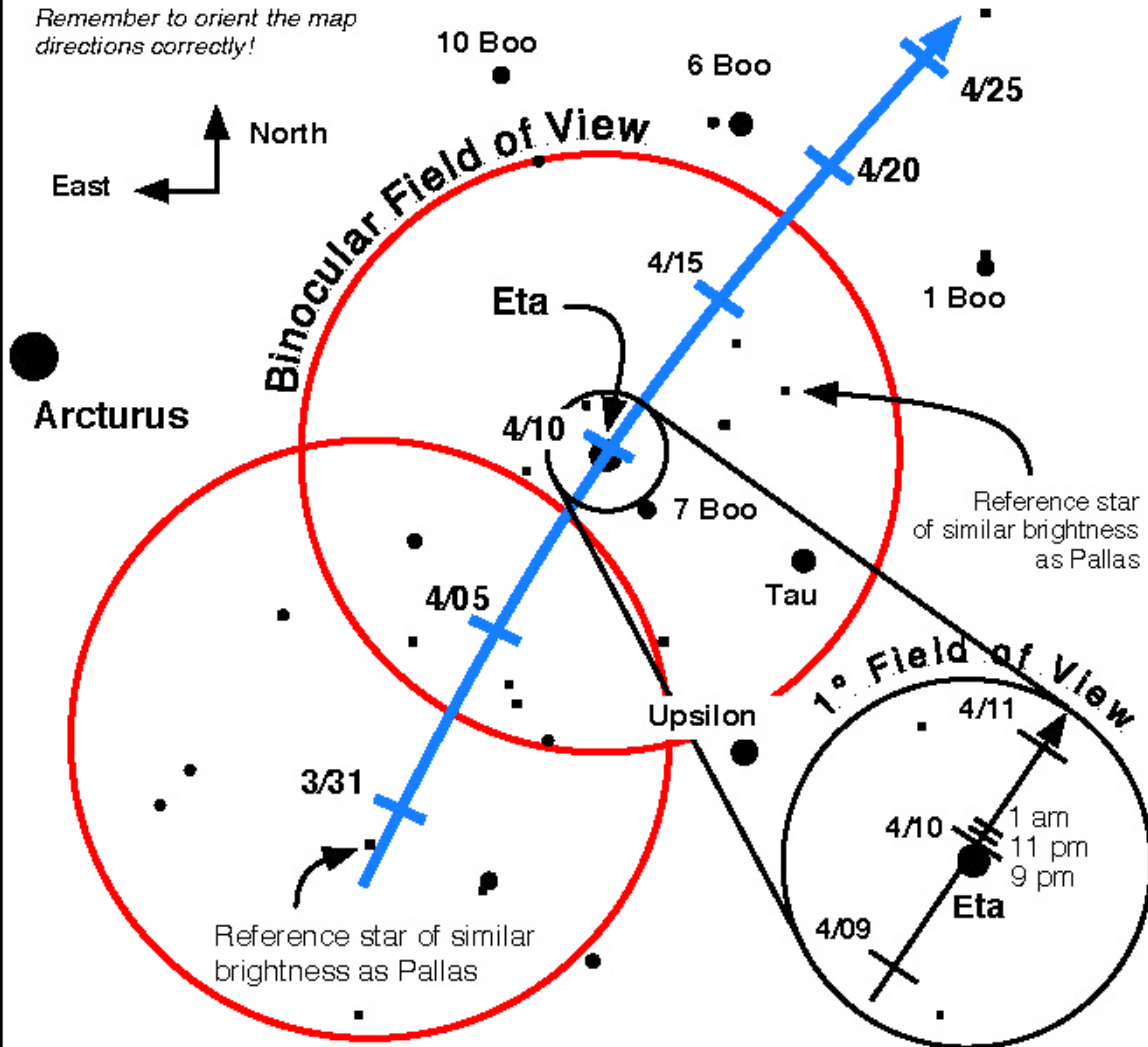


Remember to orient the map directions correctly!



Date are 9 pm EDT.

Pallas will be about as dim as the dimmest stars plotted.

2 Pallas passes Eta Bootis

How to find Eta Bootis:

- After 9 pm face east. Low above the horizon shines Arcturus, easily the brightest object in this area of the sky.
- Just to its upper right, about "1/2 a fist's width" lies Eta Bootis. It is a moderately bright star.

2 Pallas

Discovered: March 28, 1802

Period: 4.6 years

Distance from Sun: 280 million miles

Current distance from Earth: 150 million miles

Current magnitude: 7.1 – 7.4

Diameter: 320 miles

Mass: 3rd most massive asteroid (following Ceres and Vesta); and 0.3% of moon's mass.