

Review Challenges

1. Use star chart: The bright star Canopus has what coordinates? Because of this it would barely be visible from Farragut – why? What day and time would be best to try and see it? Where in sky would you look. Confirm with Stellarium.
2. Use planisphere. Determine right ascension and declination of Sun on November 4. Determine time of sunset. Confirm with Stellarium.
3. A Solar Eclipse visible from Farragut occurred Dec 25, 2000. Simulate with Stellarium. What type was it?
4. A Total Lunar Eclipse occurred a couple of weeks before or after that? Was this one visible from Farragut? Use Stellarium.
5. There were two lunar eclipses during the year 2000 – can you find them? the dates? the type? One of these was visible from Farragut – which one?
6. For the lunar eclipse in 2000 visible from Farragut – in which constellation was the Moon? In which constellation was the Sun?
7. What other dates in the year 2000 might have had eclipses? None of these were visible from Farragut. Why not?
8. Does Solar System Scope simulate eclipses? precession? obliquity? seasons?