The path of Asteroid 216 Kleopatra around opposition on 17 Nov 2013 3h40m 3h50m 3h30m 3h20m o 32 20° Oct 18° 16° **TAURUS** Nov 14° 12° 10° Dec 8° Jan 2014 3h50m 3h30m 3h20m Phase

4h00m

22°

20°

18°

16°

14°

12°

10°

8°

6°

4h00m $\hbox{@ Dominic Ford 2011-2025. Date markers placed at midnight UTC. Downloaded from $https://in-the-sky.org$}$ Date Mag Magnitude scale: ·10.0 • 8.0 • 7.0 3.0 2013 Oct 1 10.4 96% 2013 Oct 20 9.9 98% **Ecliptic Plane** 99% 2013 Nov 1 9.6 2013 Dec 1 9.7 99% Globular cluster 🔷 Planetary nebula Galaxy 10.6 97% Bright nebula Open cluster 2014 Jan 1 2014 Jan 17 10.9 96%