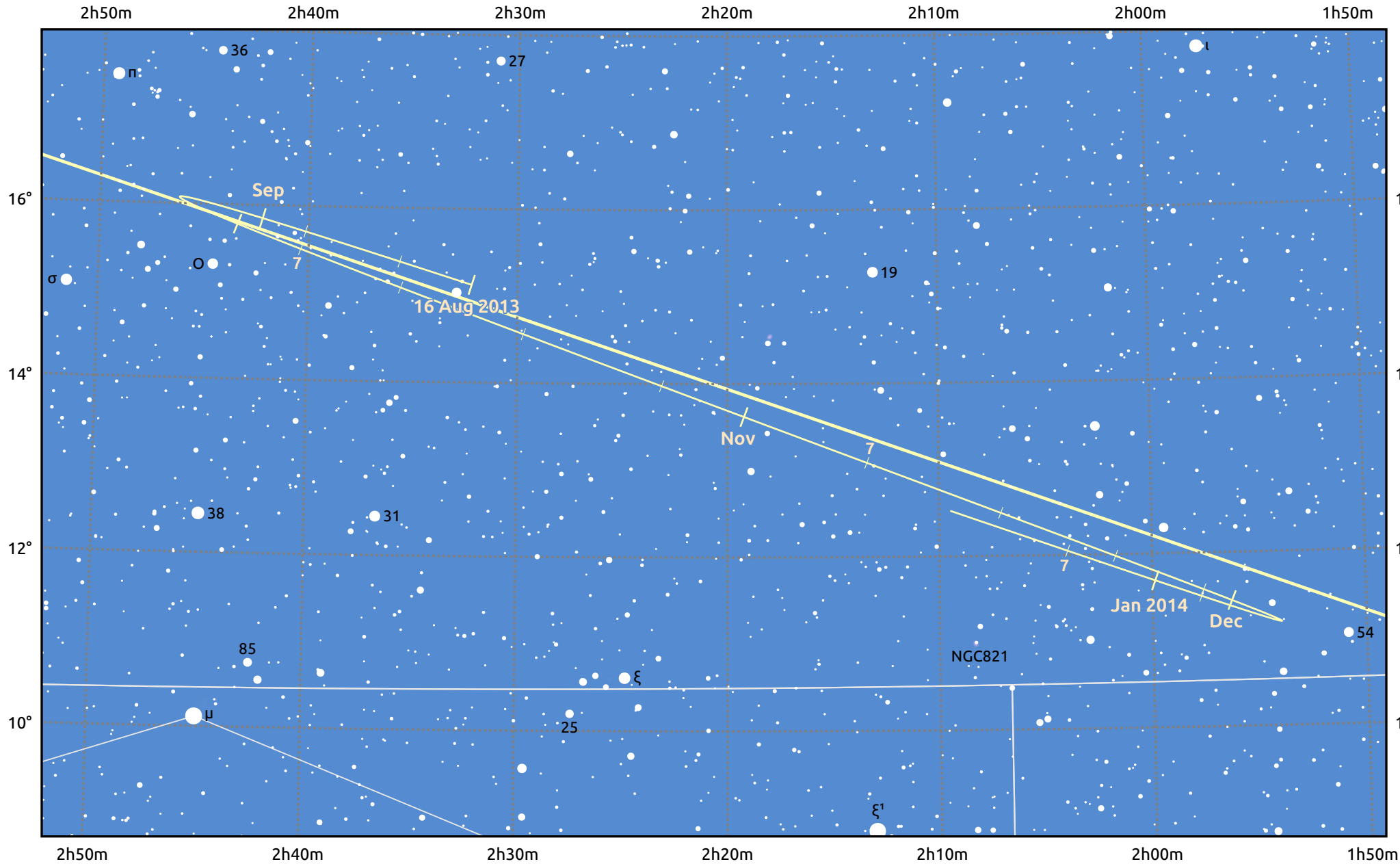


The path of Asteroid 20 Massalia around opposition on 30 Oct 2013



© Dominic Ford 2011–2025. Date markers placed at midnight UTC. Downloaded from <https://in-the-sky.org>

Magnitude scale: · 11.0 · 10.0 · 9.0 · 8.0 · 7.0 · 6.0 ● 5.0 ● 4.0

— Ecliptic Plane

Galaxy

Bright nebula

Open cluster

Globular cluster

Planetary nebula

Date	Mag	Phase
2013 Sep 1	10.6	96%
2013 Sep 29	9.9	98%
2013 Oct 1	9.8	98%
2013 Oct 29	8.9	100%
2013 Nov 1	8.9	100%
2013 Dec 1	9.7	98%
2013 Dec 9	9.9	97%
2014 Jan 1	10.4	95%