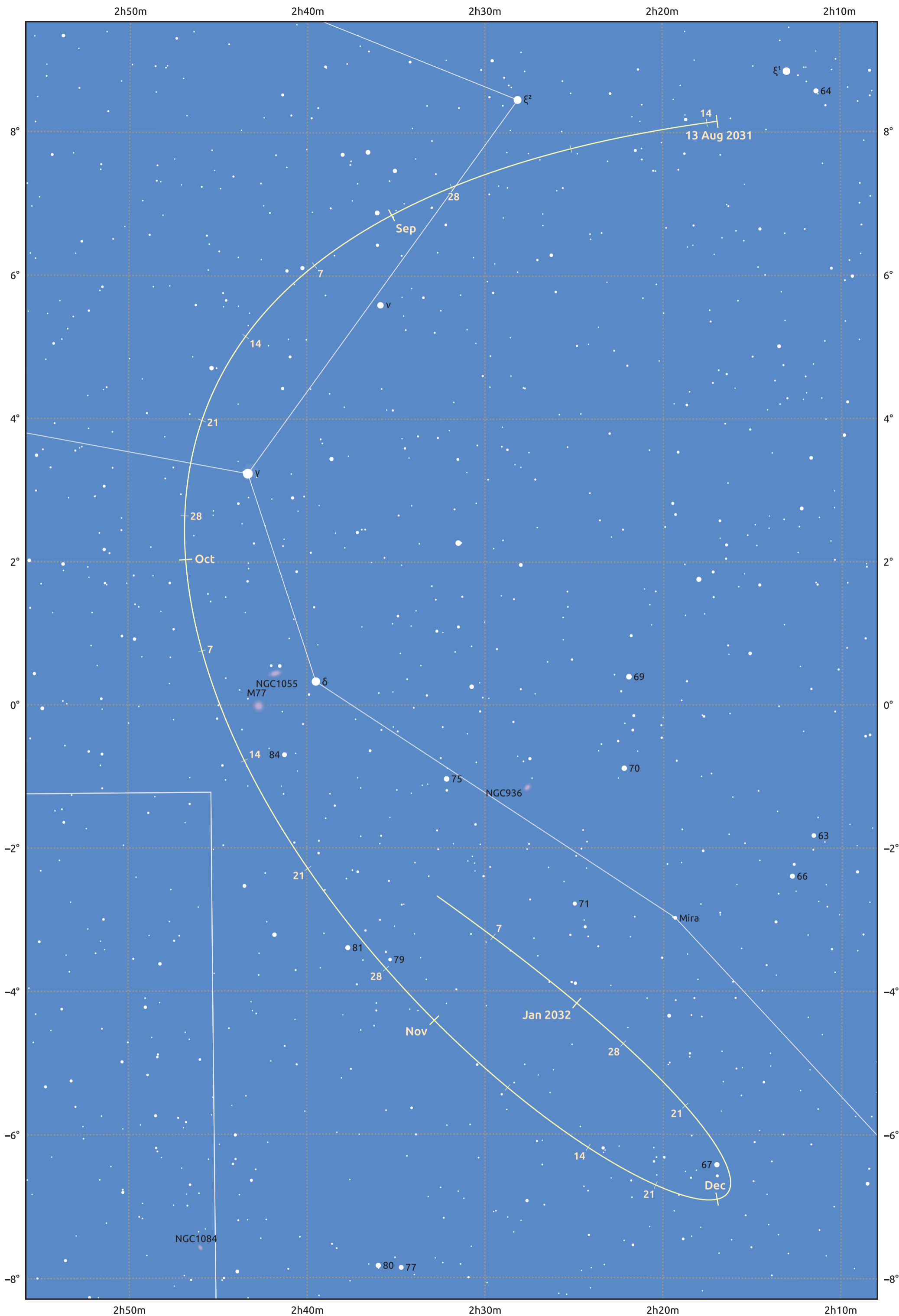


The path of Asteroid 3 Juno around opposition on 27 Oct 2031



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

Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

Ecliptic Plane

- Galaxy
- Bright nebula
- Open cluster
- Globular cluster
- ◆ Planetary nebula

Date	Mag	Phase
2031 Sep 1	8.7	95%
2031 Sep 24	8.1	97%
2031 Oct 1	7.9	98%
2031 Nov 1	7.4	99%
2031 Dec 1	8.0	97%
2032 Jan 1	8.6	94%