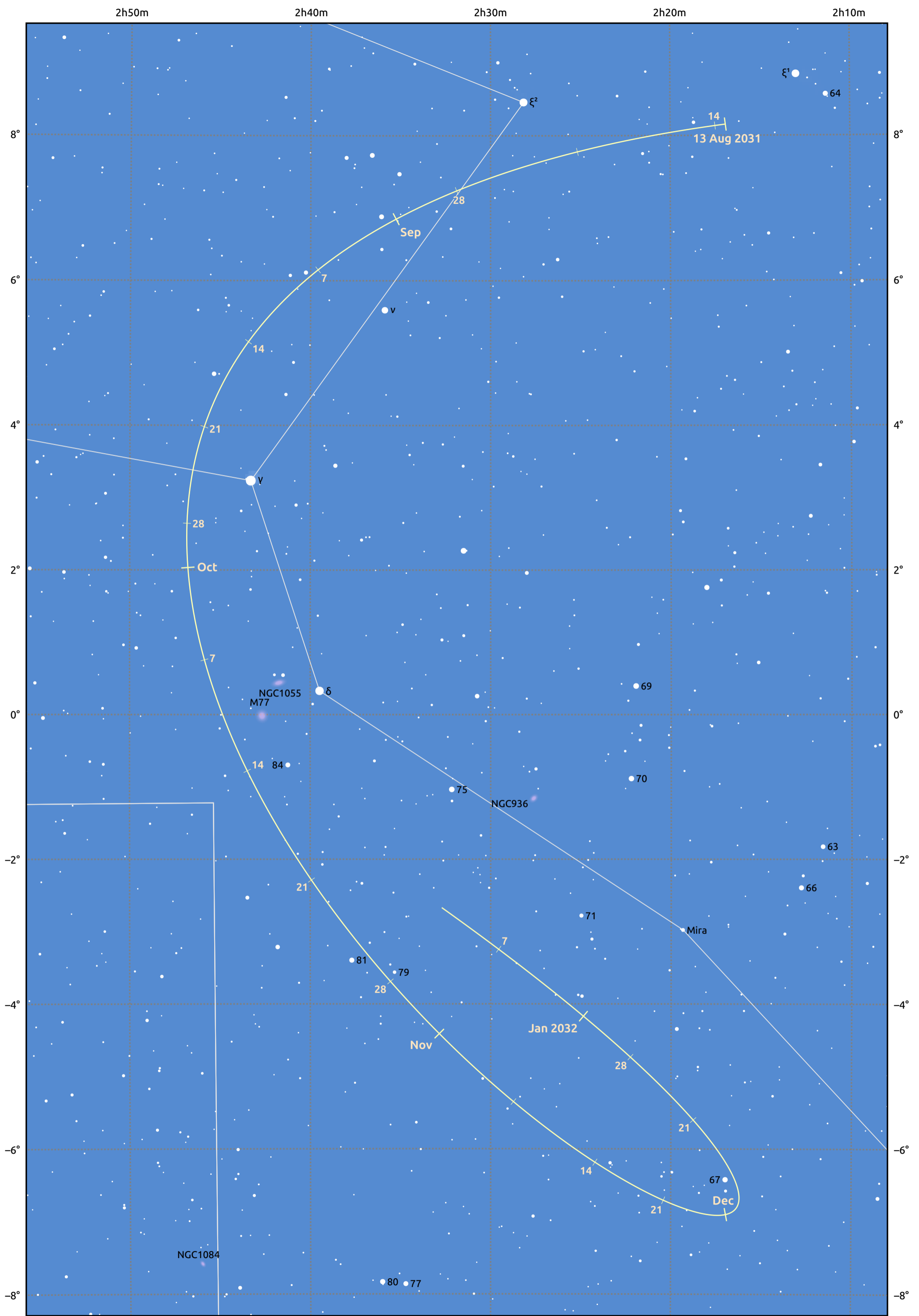


The path of Asteroid 3 Juno around opposition on 27 Oct 2031



© 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%