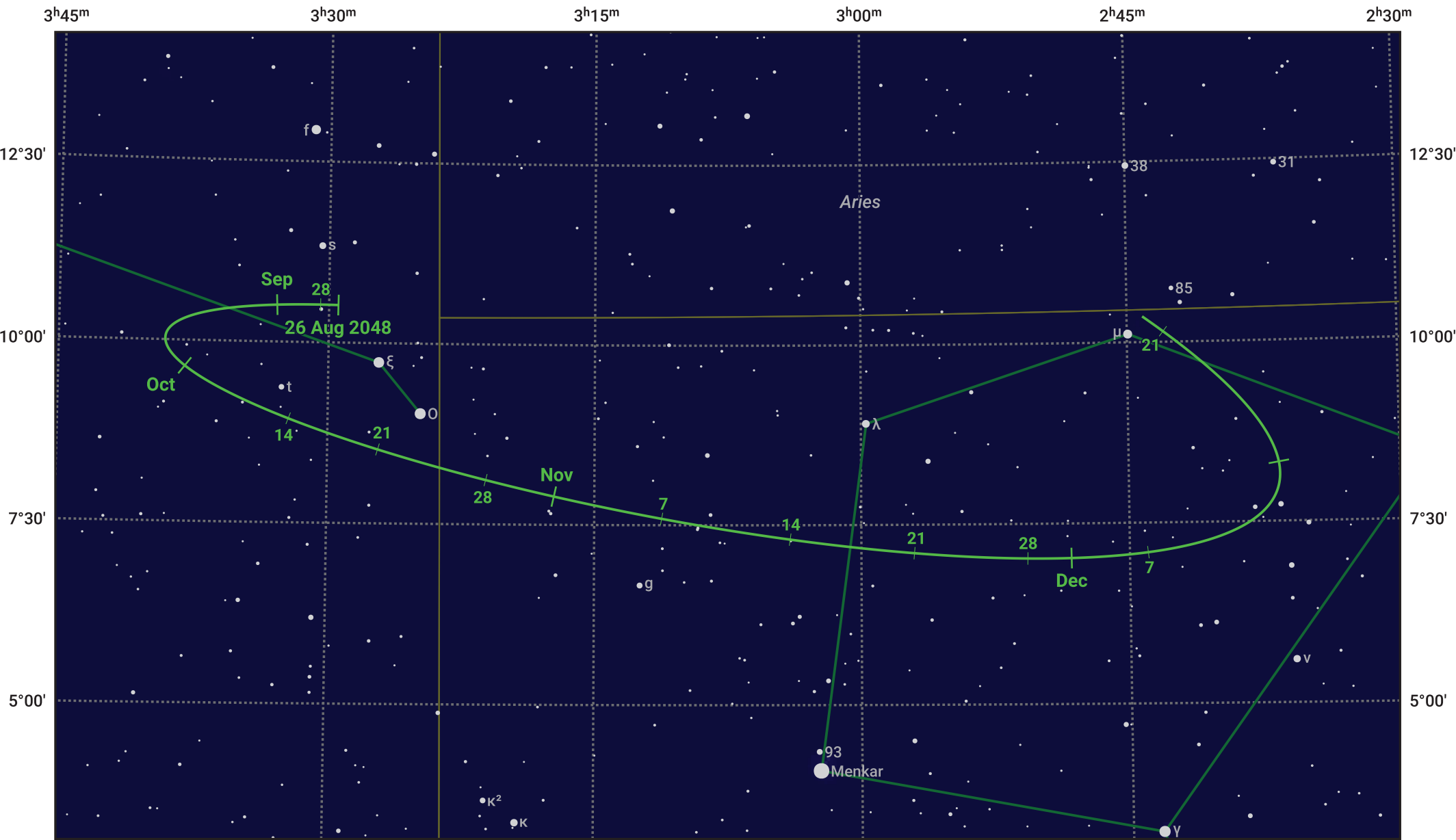


The path of Asteroid 4 Vesta around opposition on 9 Nov 2048



© Dominic Ford 2011–2024. Date markers placed at midnight UTC. Downloaded from <https://in-the-sky.org>

Magnitude scale: • 9.0 • 8.0 • 7.0 • 6.0 • 5.0 • 4.0 • 3.0 • 2.0

— Ecliptic Plane

- Galaxy
- Bright nebula
- Open cluster
- Globular cluster

Date	Mag	Phase
2048 Sep 1	7.9	96%
2048 Oct 1	7.4	98%
2048 Oct 20	7.0	99%
2048 Nov 1	6.7	100%
2048 Dec 1	7.0	99%
2049 Jan 1	7.7	97%
2049 Jan 14	8.0	97%