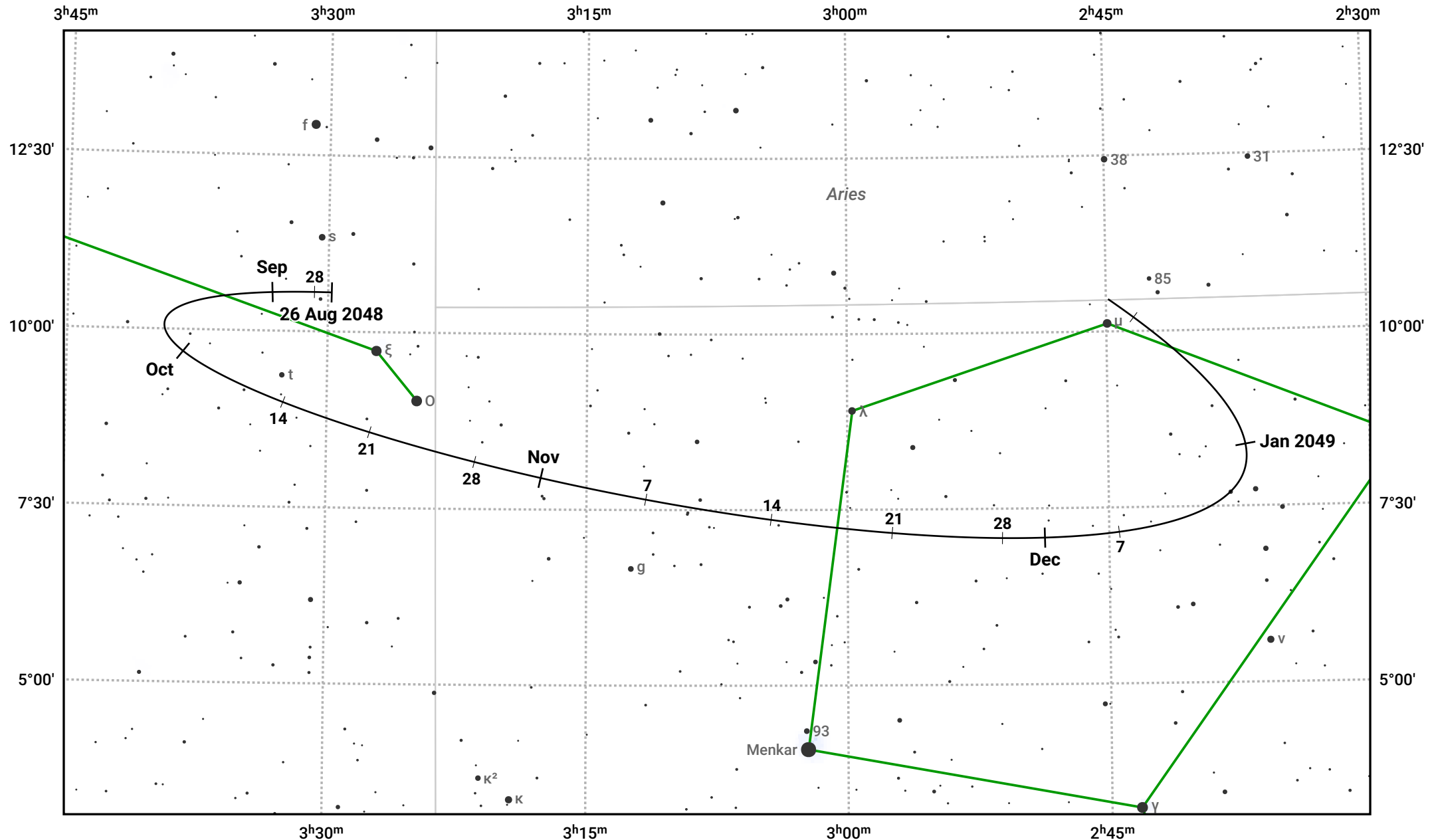


# The path of Asteroid 4 Vesta around opposition on 9 Nov 2048



© 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%