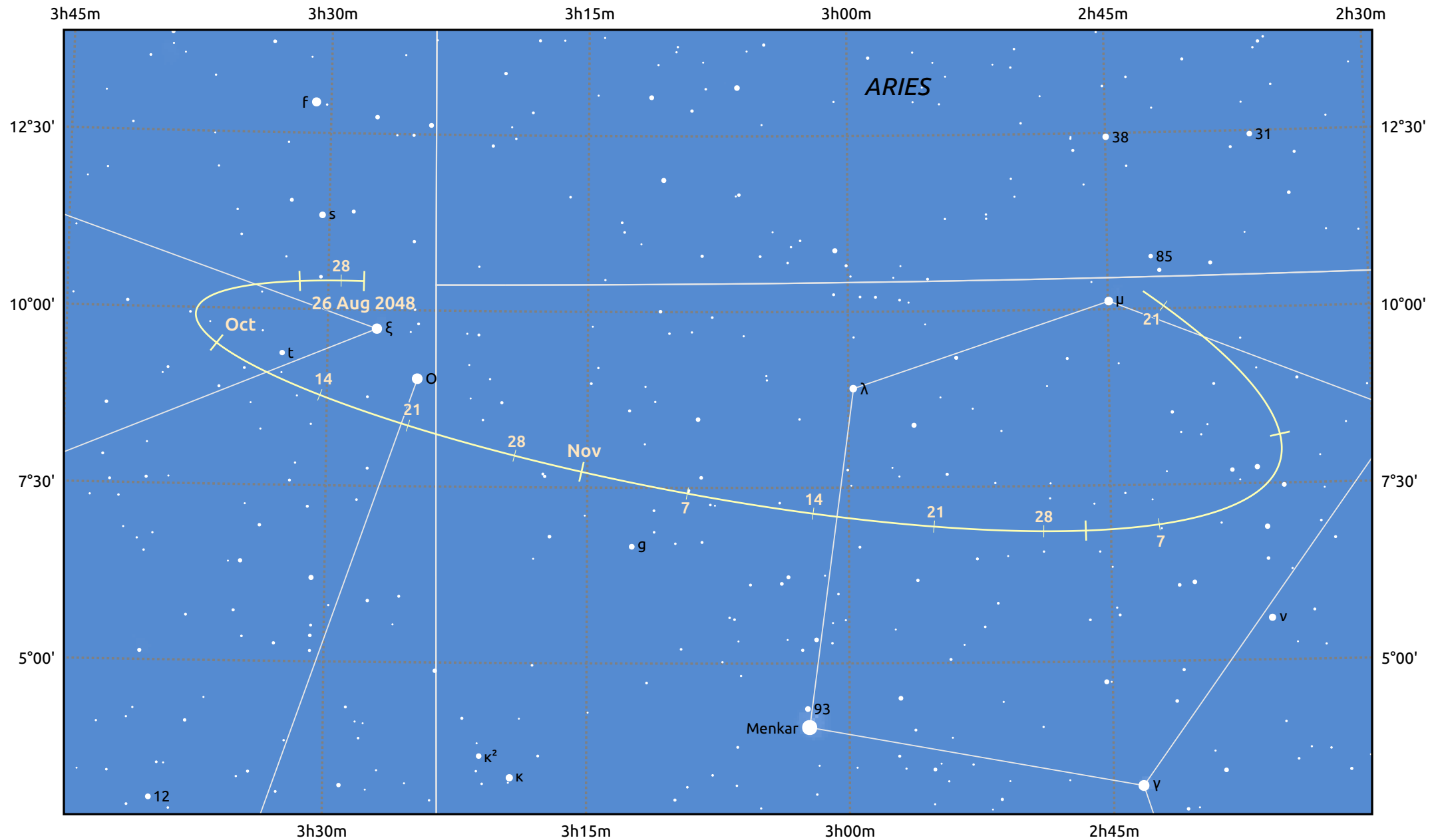


# The path of Asteroid 4 Vesta around opposition on 9 Nov 2048



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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 Planetary nebula

Date	Mag	Phase
2048 Sep 1	7.9	96%
2048 Oct 1	7.3	98%
2048 Oct 20	6.9	99%
2048 Nov 1	6.7	100%
2048 Dec 1	7.0	99%
2049 Jan 1	7.7	97%
2049 Jan 13	7.9	97%