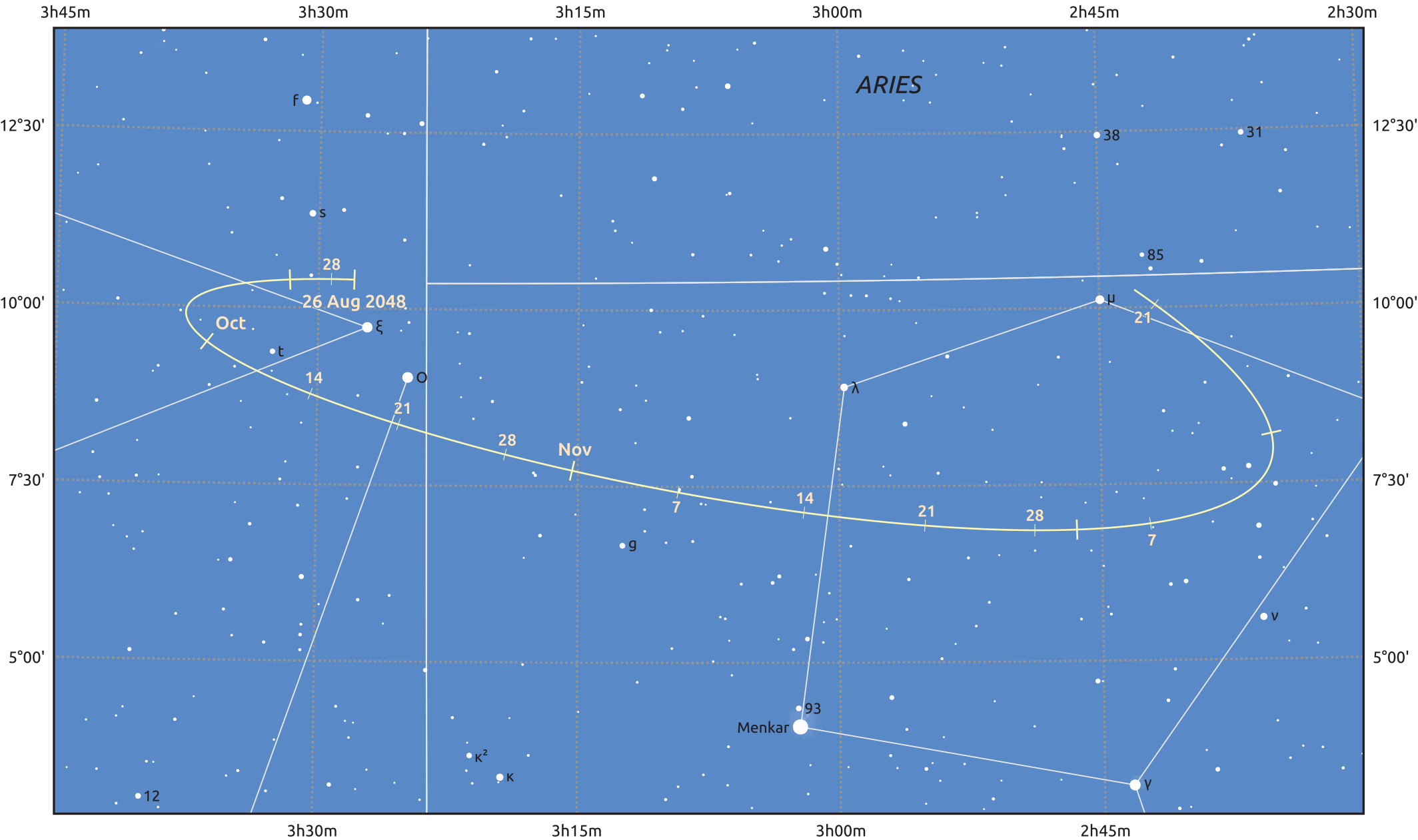
# The path of Asteroid 4 Vesta around opposition on 9 Nov 2048

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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% |