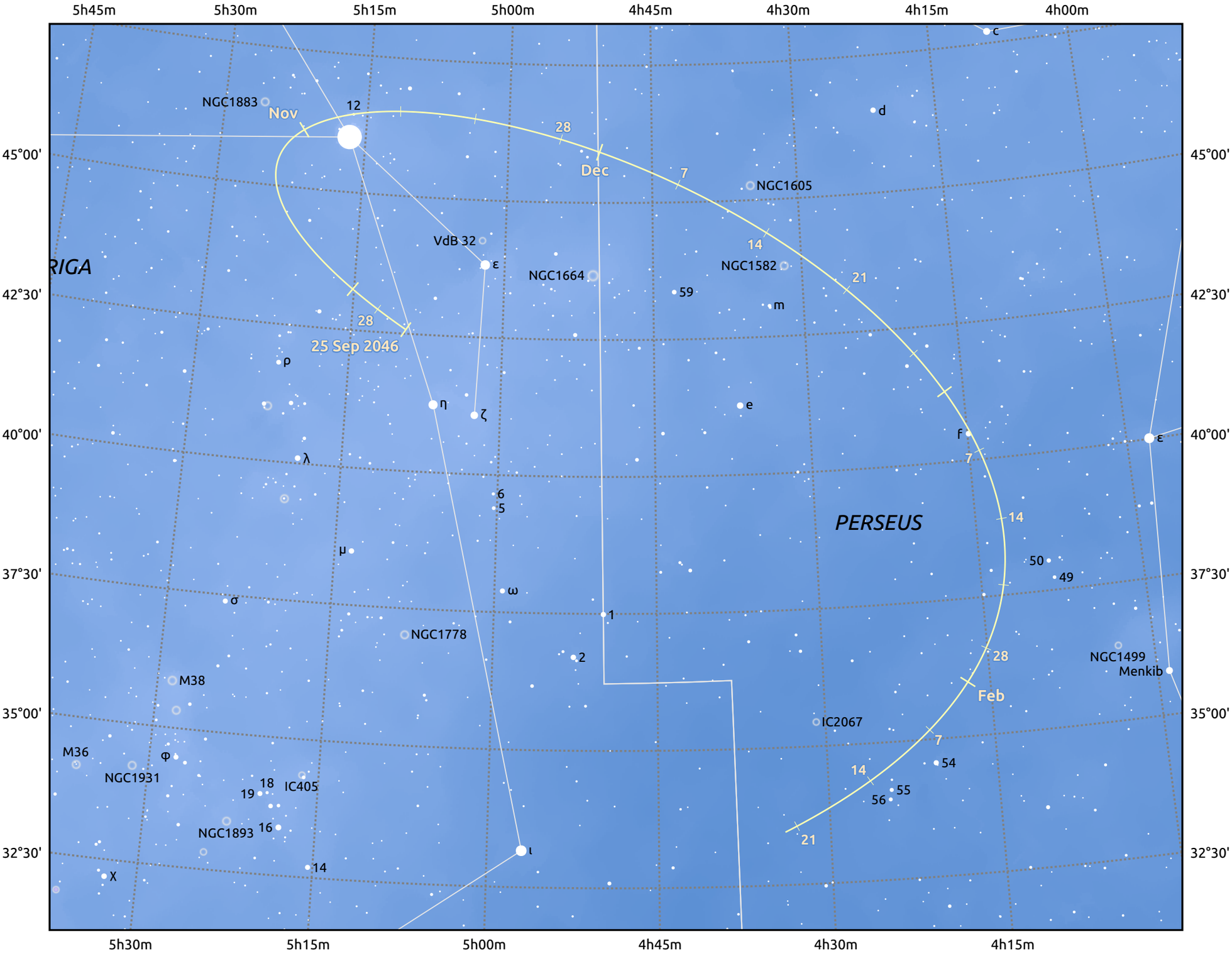
The path of Asteroid 89 Julia around opposition on 9 Dec 2046



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Magnitude scale: 9.0 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2046 Oct 1	10.5	95%
2046 Nov 1	10.1	97%
2046 Dec 1	9.6	99%
2047 Jan 1	10.0	99%
2047 Feb 1	10.7	97%