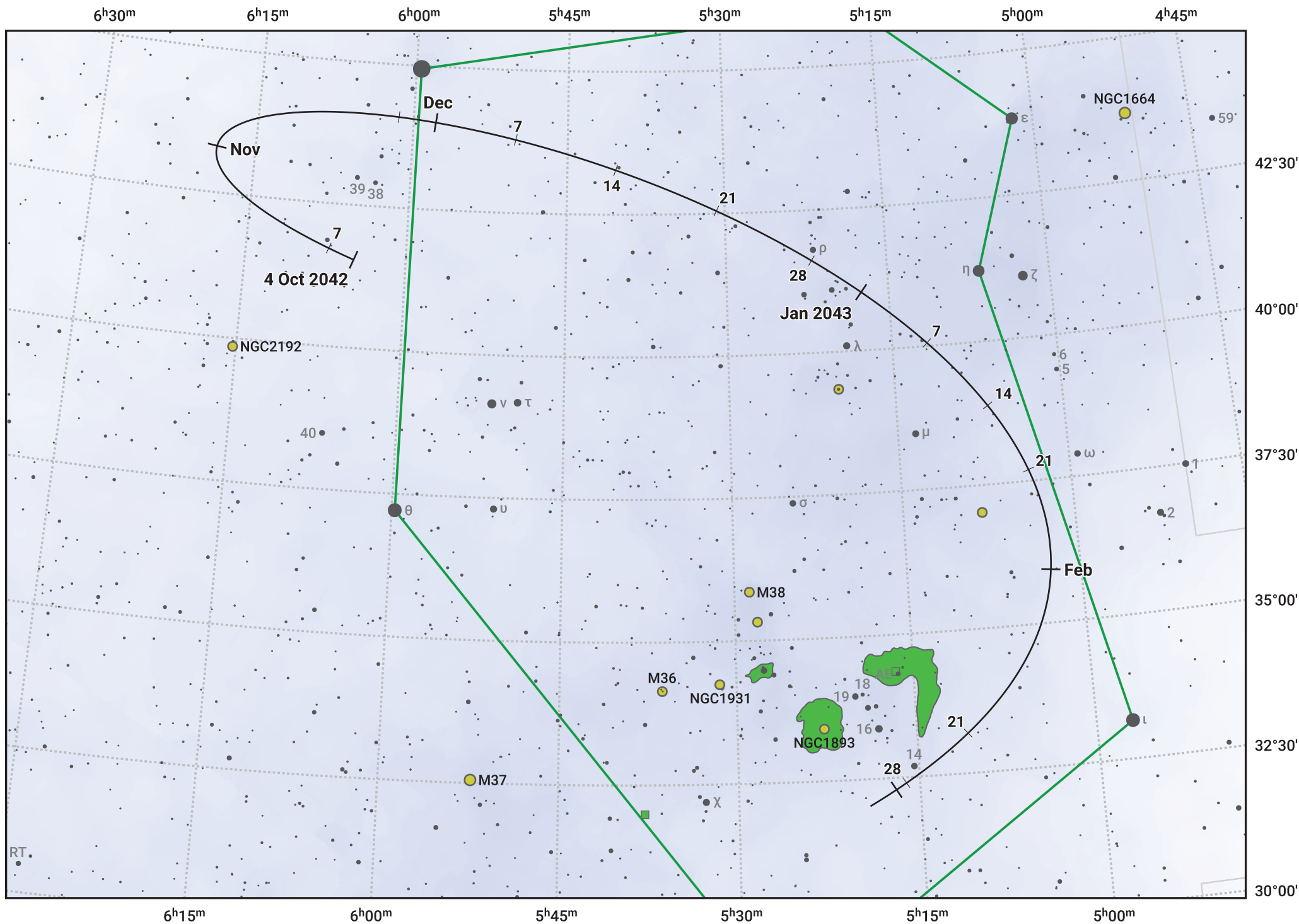


The path of Asteroid 89 Julia around opposition on 18 Dec 2042



© 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 1.0

— Ecliptic Plane

- Galaxy
- Bright nebula
- Open cluster
- ⊕ Globular cluster

Date	Mag	Phase
2042 Nov 1	10.3	97%
2042 Dec 1	9.9	99%
2042 Dec 12	9.7	99%
2043 Jan 1	9.9	99%
2043 Feb 1	10.7	97%
2043 Feb 5	10.7	97%
2043 Mar 1	11.2	96%