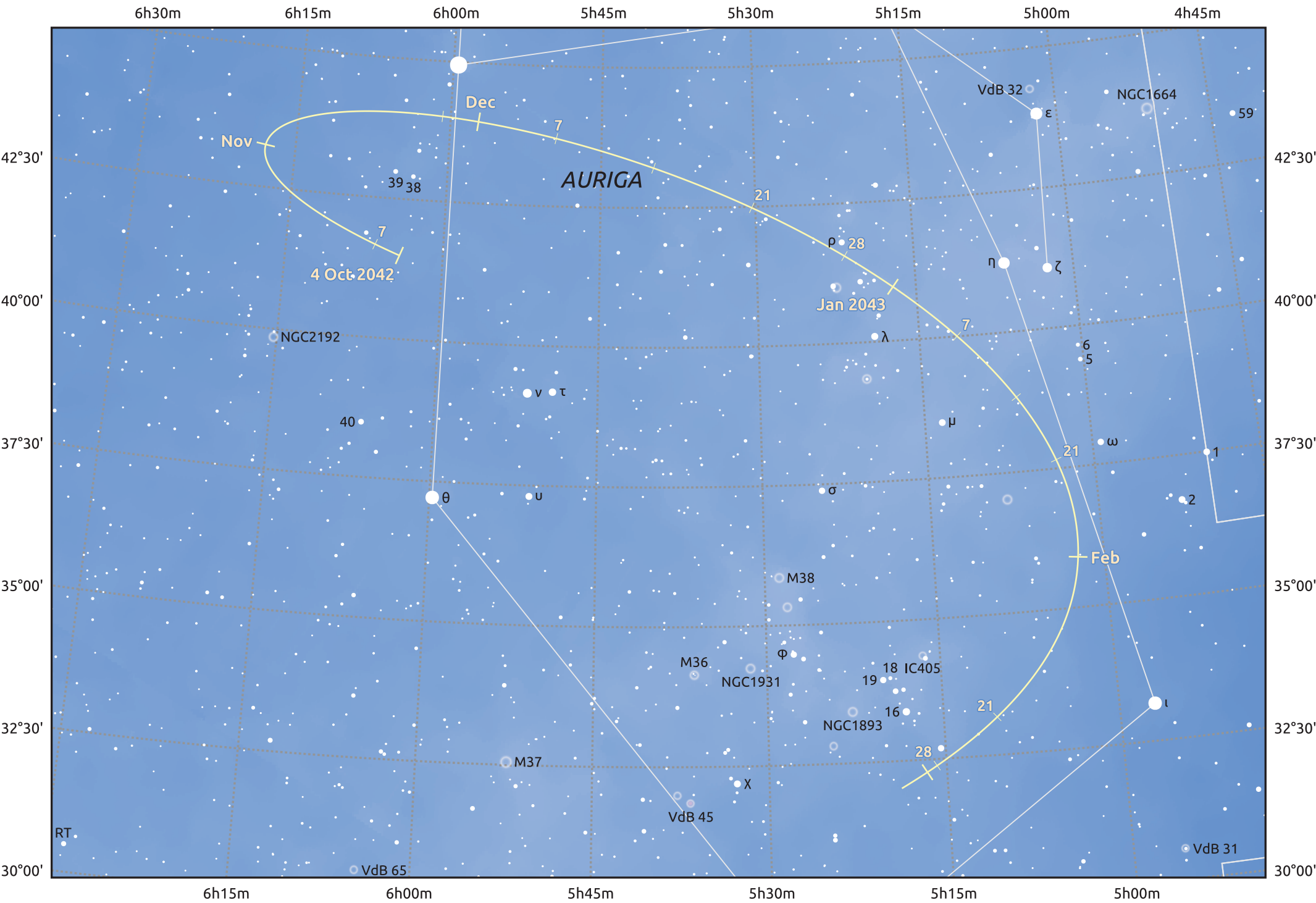


# The path of Asteroid 89 Julia around opposition on 18 Dec 2042



© Dominic Ford 2011–2025. 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    Planetary nebula

Date	Mag	Phase
2042 Nov 1	10.4	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	10.8	97%
2043 Mar 1	11.2	96%