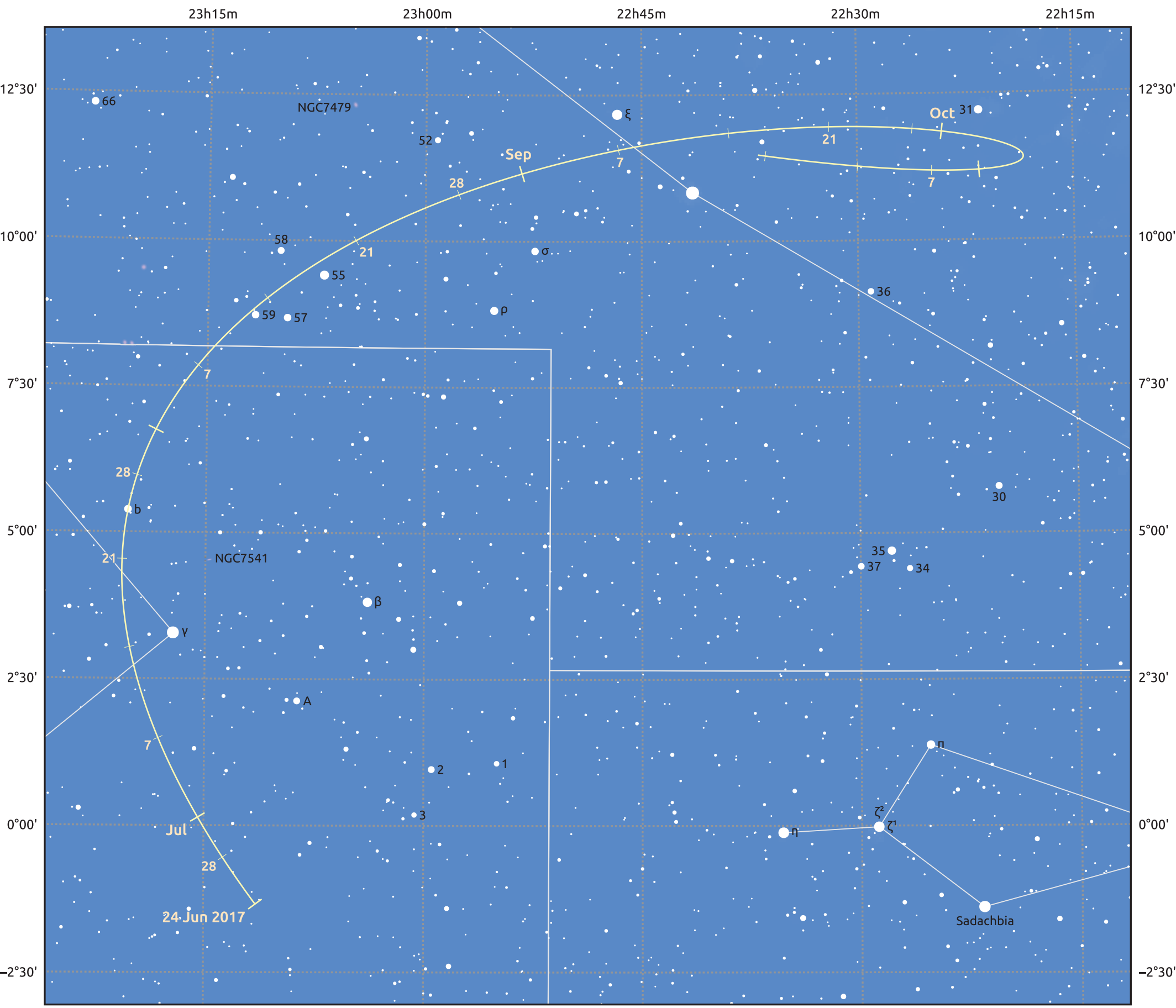
The path of Asteroid 89 Julia around opposition on 7 Sep 2017



© Dominic Ford 2011–2025. Date markers placed at midnight UTC. Downloaded from https://in-the-sky.org

Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2017 Jul 1	10.2	95%
2017 Aug 1	9.5	97%
2017 Aug 8	9.3	98%
2017 Sep 1	8.8	99%
2017 Oct 1	9.1	98%
2017 Nov 1	9.8	96%