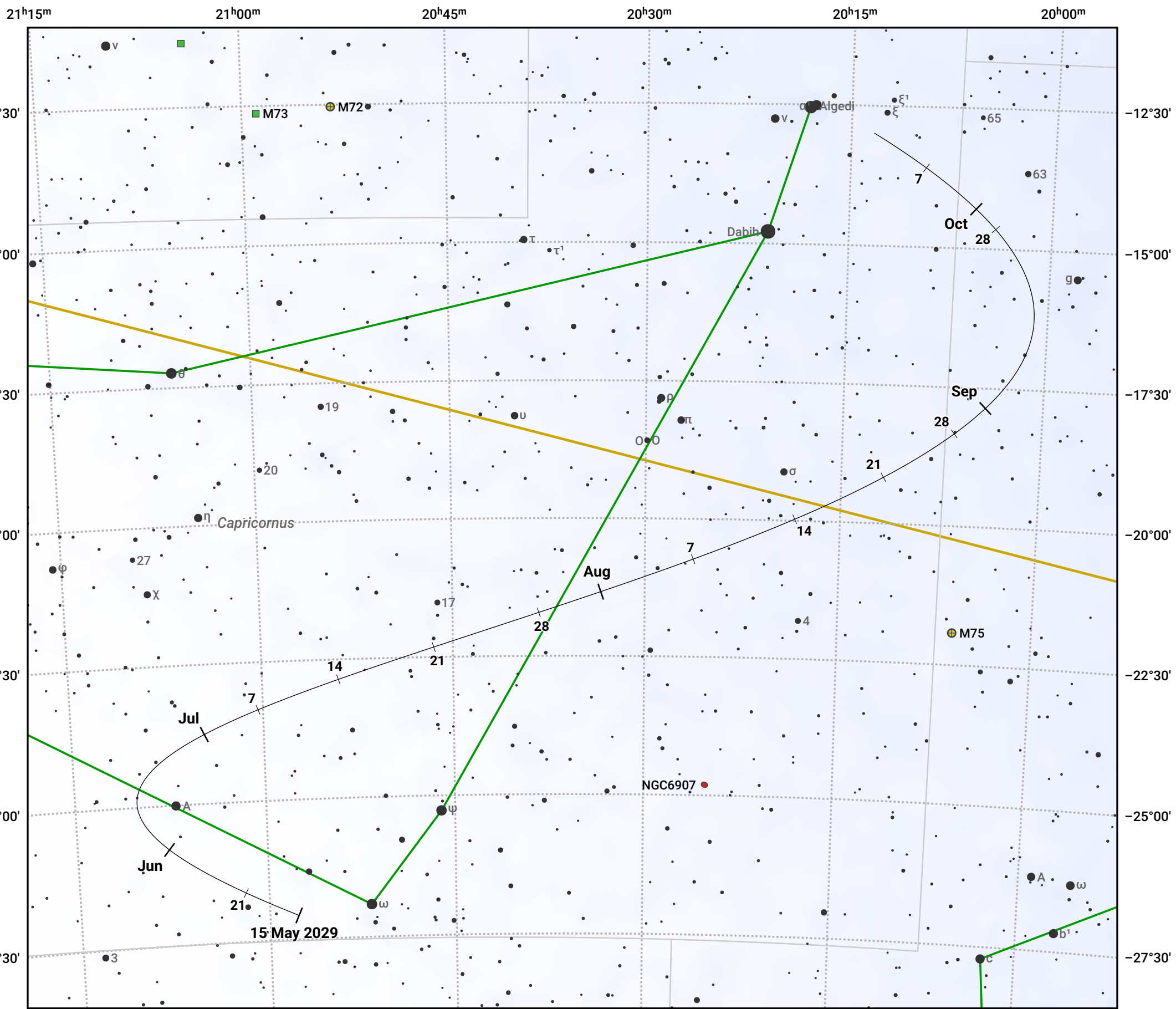


The path of Asteroid 89 Julia around opposition on 29 Jul 2029



© 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

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

Date	Mag	Phase
2029 Jun 1	10.4	96%
2029 Jun 27	9.7	98%
2029 Jul 1	9.6	98%
2029 Jul 29	8.7	100%
2029 Aug 1	8.7	100%
2029 Sep 1	9.5	98%
2029 Sep 9	9.7	97%
2029 Oct 1	10.1	95%