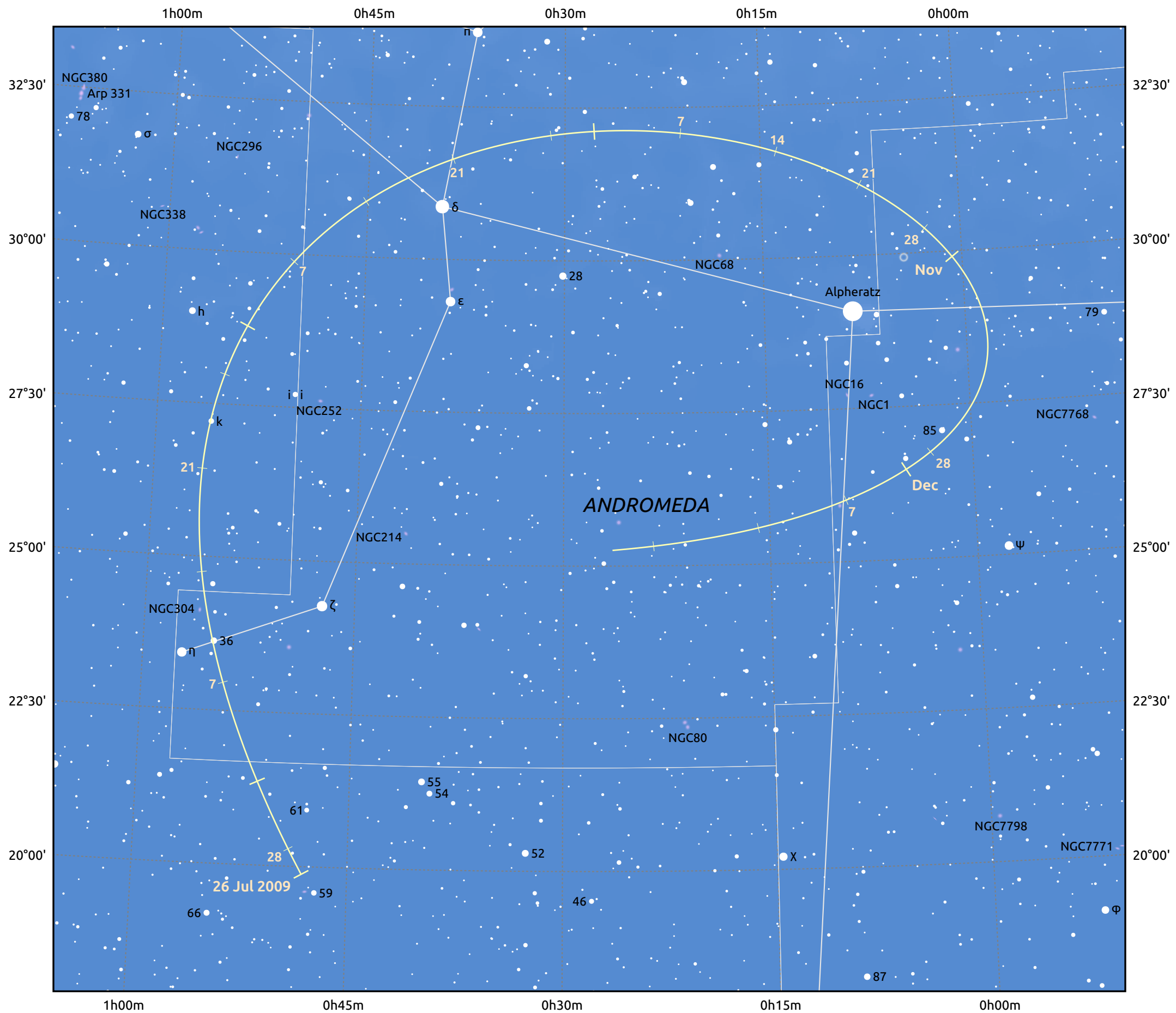


The path of Asteroid 89 Julia around opposition on 9 Oct 2009



© Dominic Ford 2011–2026. 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 2.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2009 Aug 1	10.4	94%
2009 Sep 1	9.8	97%
2009 Sep 22	9.4	98%
2009 Oct 1	9.3	99%
2009 Nov 1	9.6	98%
2009 Dec 1	10.2	96%
2009 Dec 10	10.4	95%