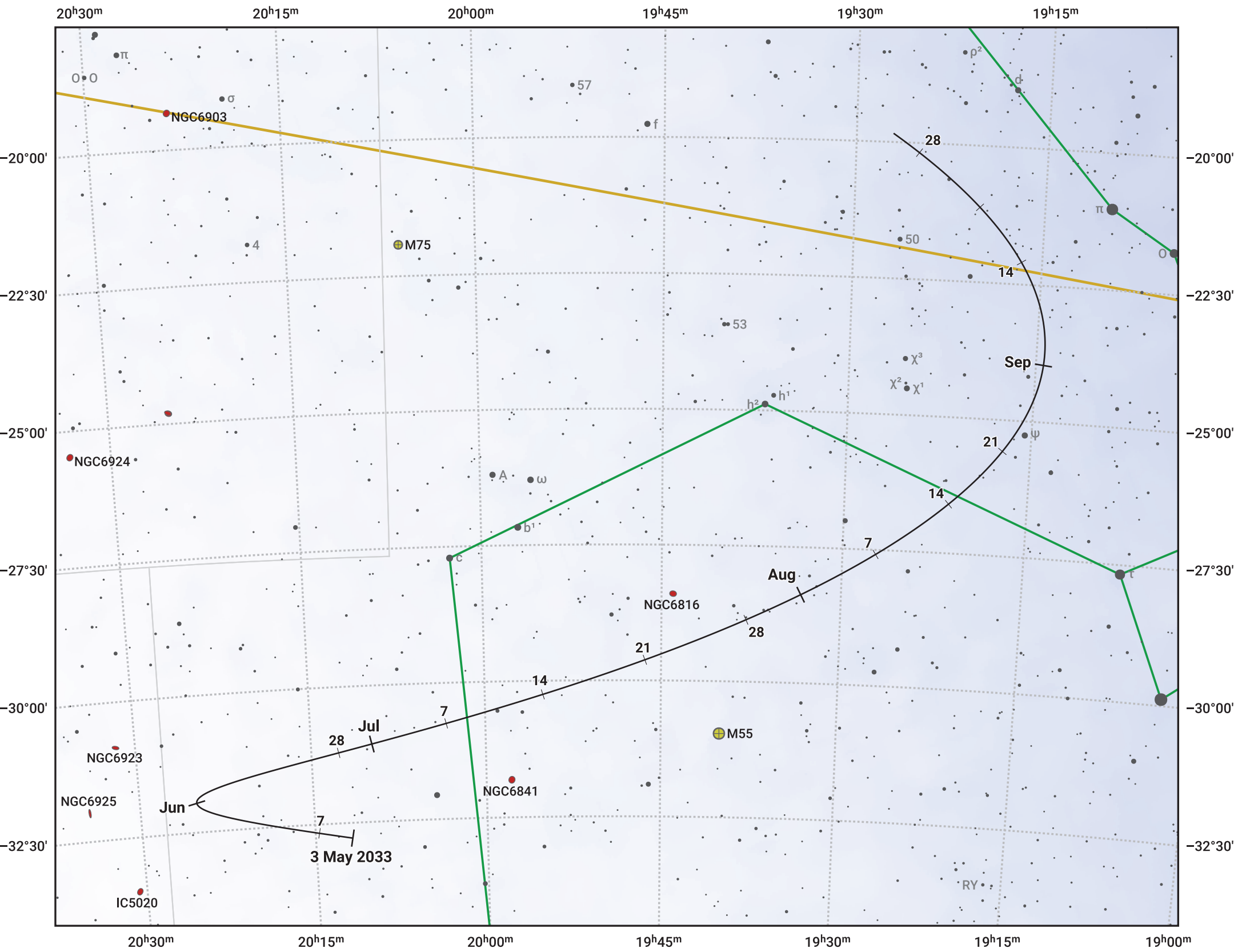


# The path of Asteroid 89 Julia around opposition on 17 Jul 2033



© 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

— Ecliptic Plane

Galaxy    Bright nebula    Open cluster    Globular cluster

Date	Mag	Phase
2033 Jun 1	10.2	97%
2033 Jun 16	9.8	98%
2033 Jul 1	9.4	99%
2033 Aug 1	9.2	99%
2033 Sep 1	9.9	97%