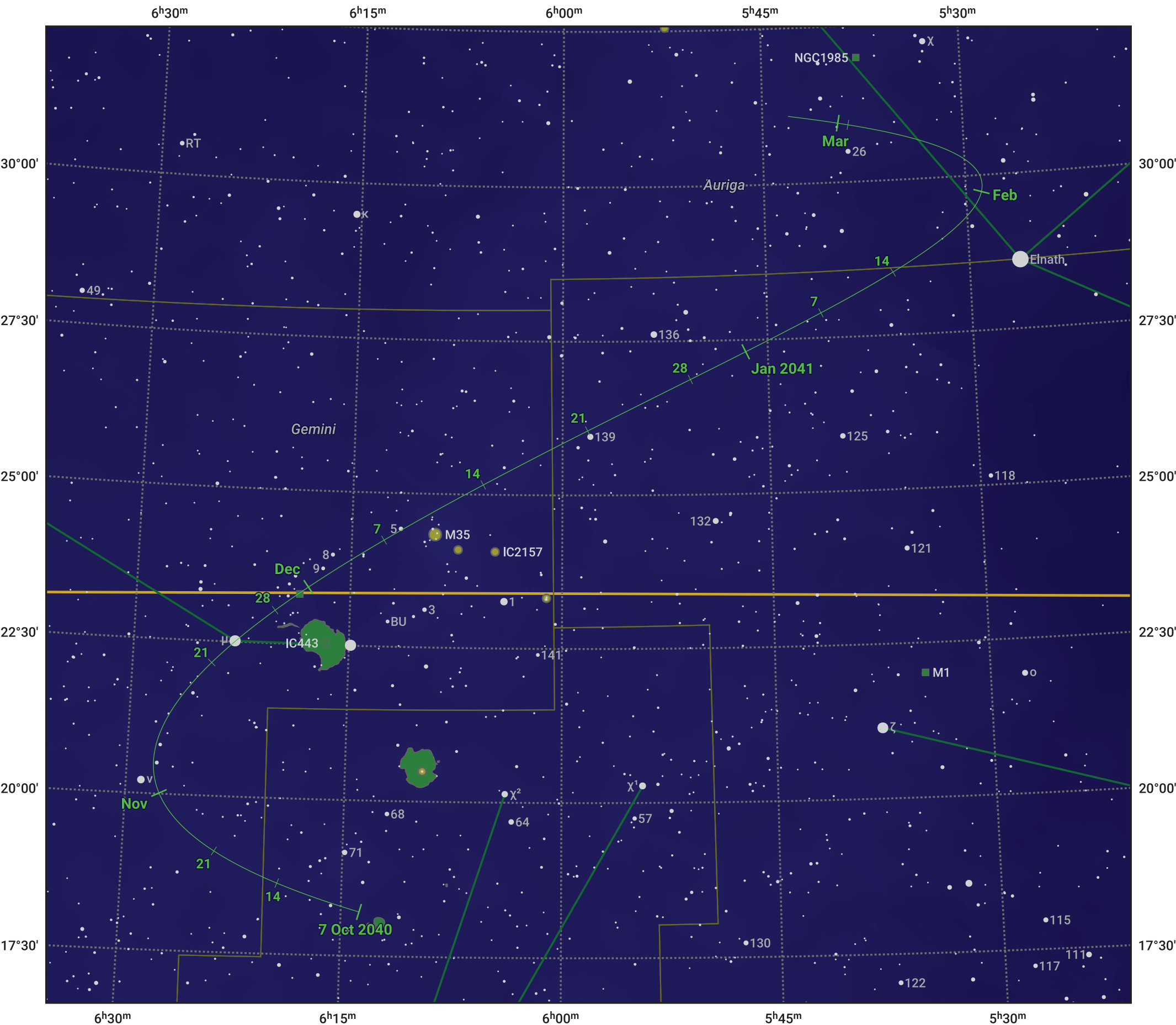


The path of Asteroid 471 Papagena around opposition on 21 Dec 2040



© 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 1.0

— Ecliptic Plane

- Galaxy
- Bright nebula
- Open cluster
- Globular cluster

Date	Mag	Phase
2040 Nov 1	10.2	97%
2040 Nov 30	9.6	99%
2040 Dec 1	9.6	99%
2041 Jan 1	9.5	100%
2041 Feb 1	10.4	98%
2041 Feb 12	10.7	97%
2041 Mar 1	11.0	96%