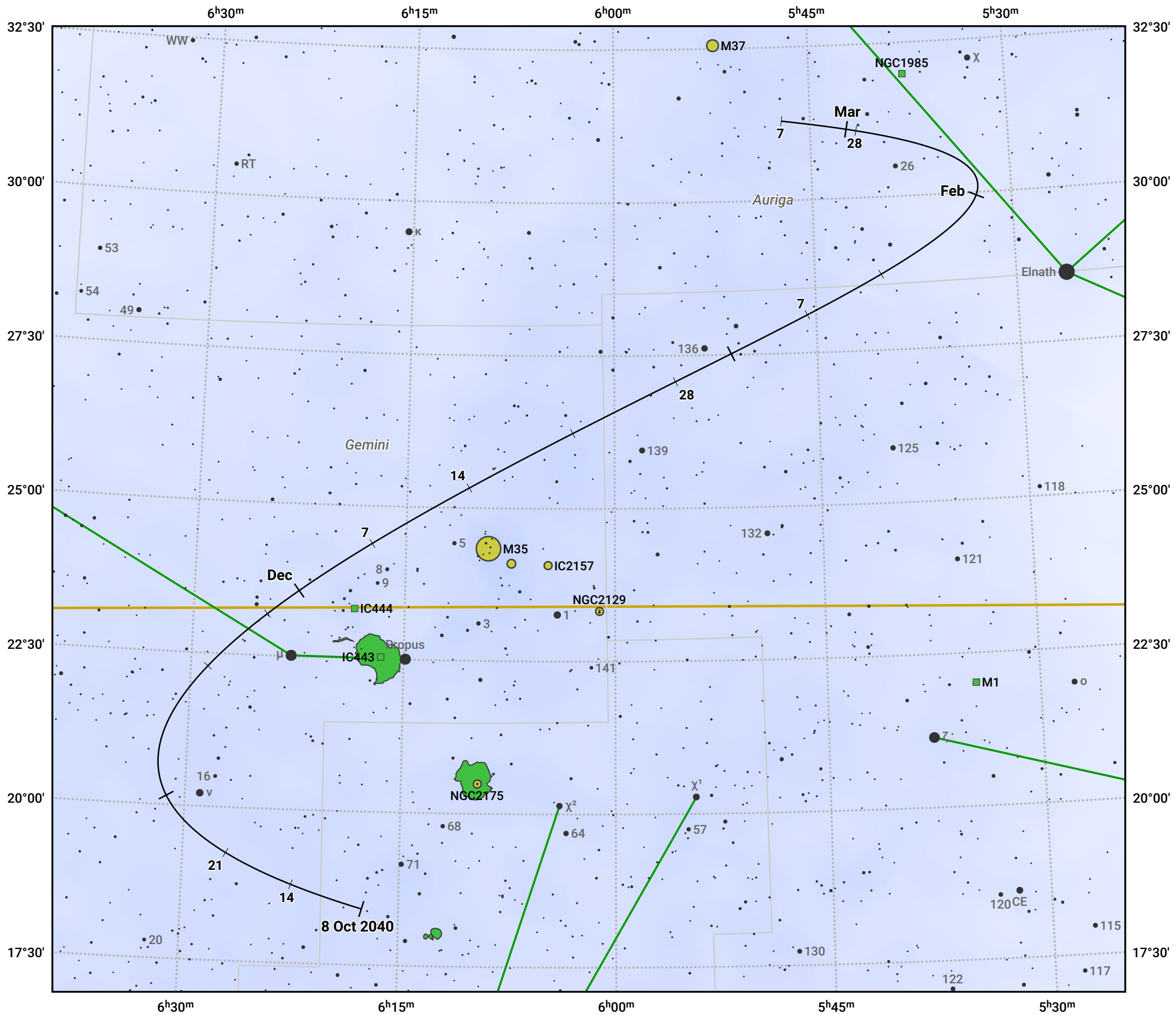


The path of Asteroid 471 Papagena around opposition on 22 Dec 2040



© 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	10.3	96%
2040 Dec 1	9.6	99%
2041 Jan 1	9.5	100%
2041 Feb 1	10.4	98%
2041 Feb 13	10.7	97%
2041 Mar 1	11.0	96%