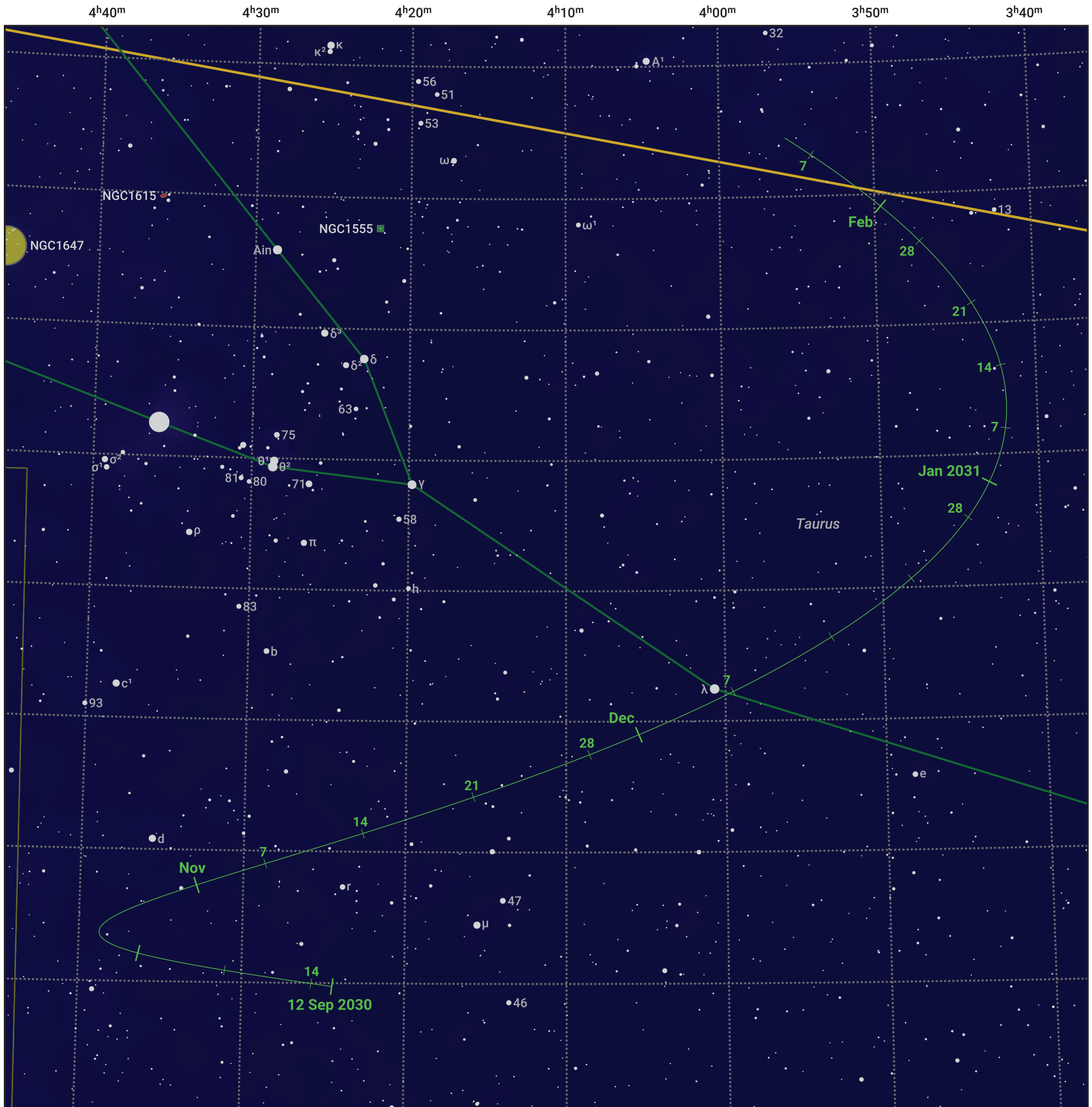


The path of Asteroid 471 Papagena around opposition on 26 Nov 2030



© Dominic Ford 2011–2024. 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 1.0

0.0

Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

Date	Mag	Phase
2030 Oct 1	10.2	96%
2030 Nov 1	9.5	99%
2030 Nov 2	9.5	99%
2030 Dec 1	9.1	100%
2031 Jan 1	9.9	98%
2031 Jan 25	10.5	96%
2031 Feb 1	10.6	96%