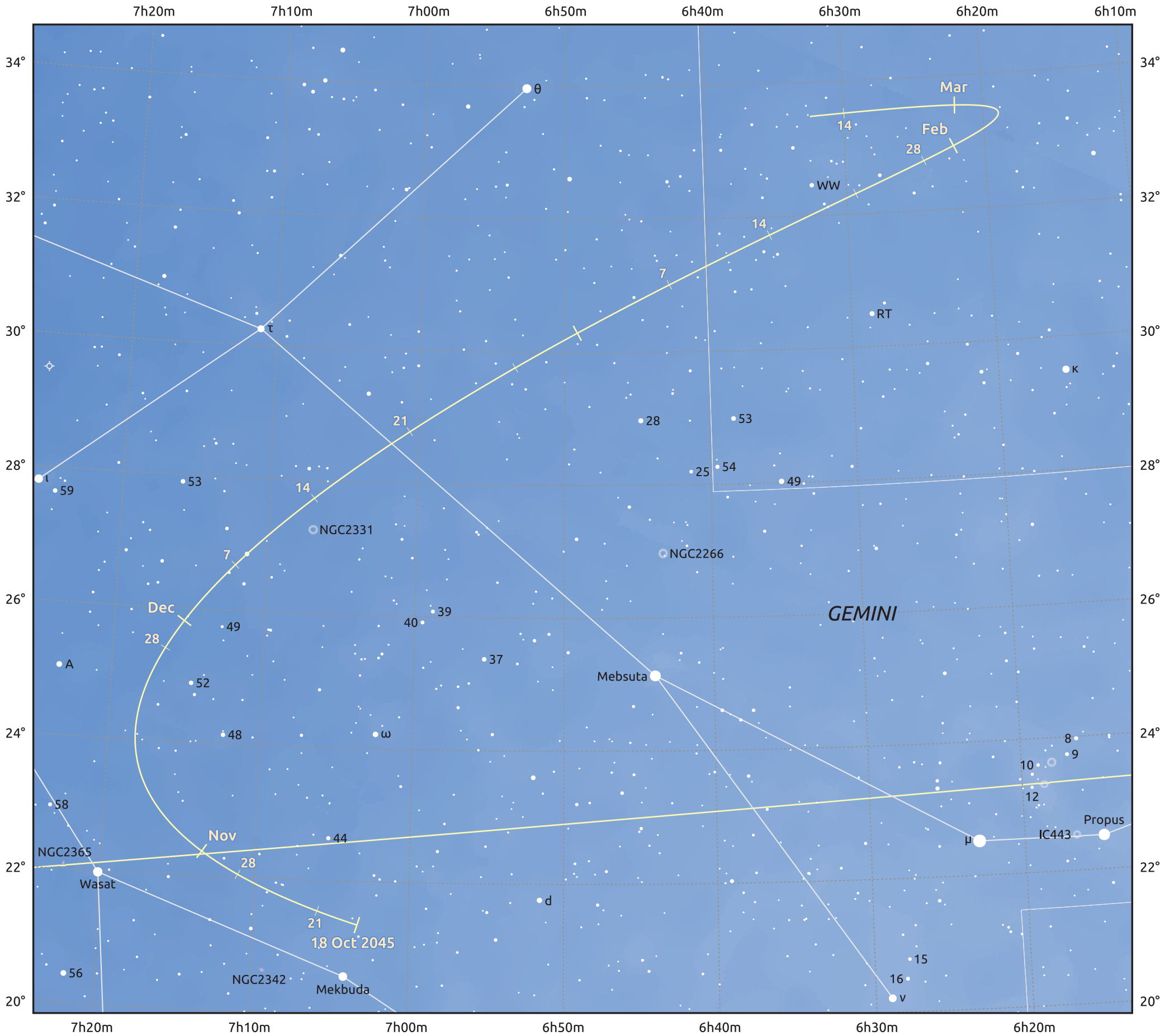
The path of Asteroid 471 Papagena around opposition on 1 Jan 2046



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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 Planetary nebula

Date	Mag	Phase
2045 Nov 1	10.6	96%
2045 Dec 1	10.0	98%
2045 Dec 14	9.8	99%
2046 Jan 1	9.5	100%
2046 Feb 1	10.3	99%
2046 Feb 22	10.8	97%
2046 Mar 1	11.0	97%