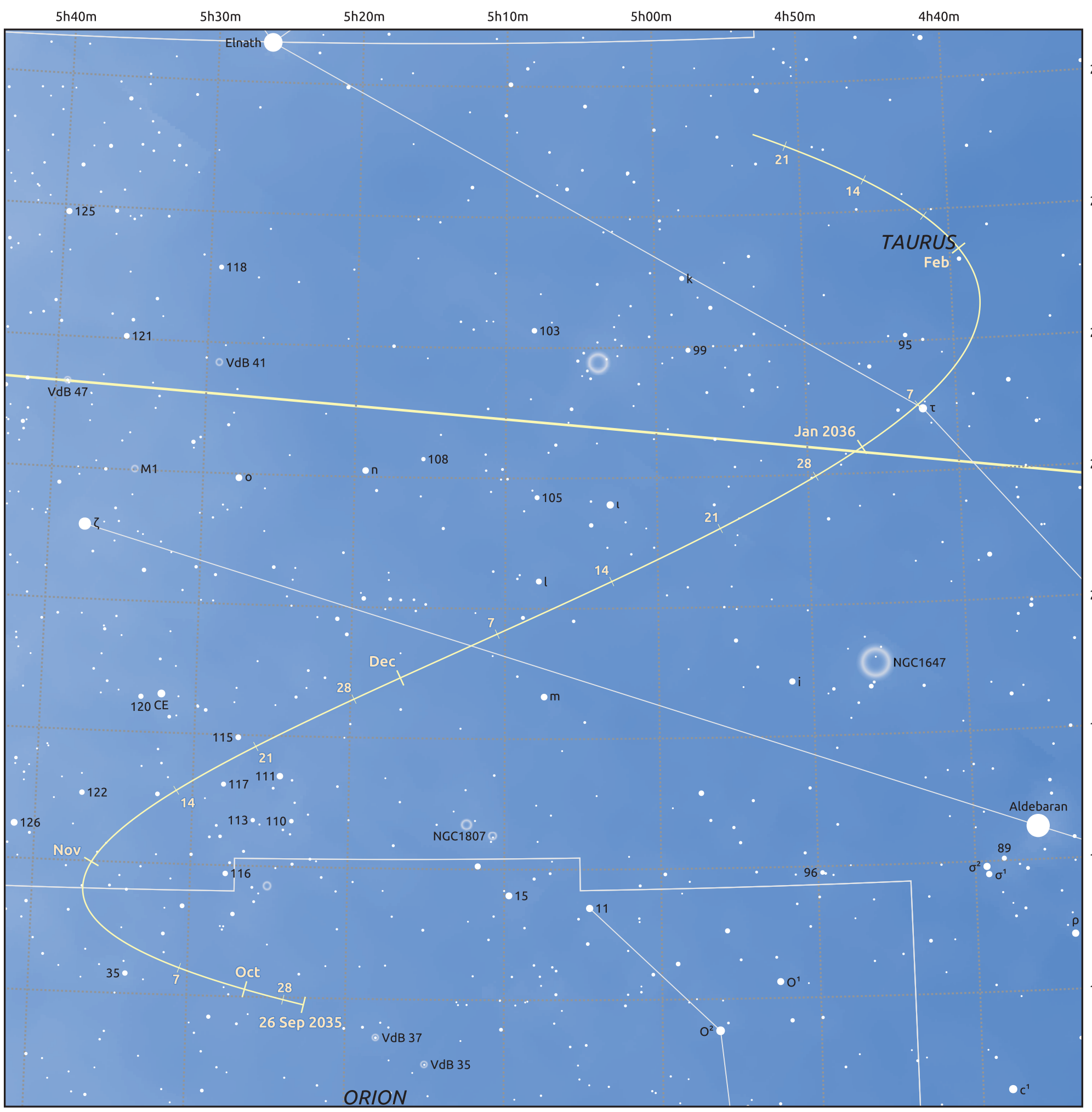


# The path of Asteroid 471 Papagena around opposition on 10 Dec 2035



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Magnitude scale:  $\bullet$  -9.0  $\bullet$  -8.0  $\bullet$  -7.0  $\bullet$  -6.0  $\bullet$  -5.0  $\bullet$  -4.0  $\bullet$  -3.0  $\bullet$  -2.0  $\bullet$  -1.0  $\bullet$  0.0

— Ecliptic Plane

$\bullet$  Galaxy  $\circ$  Bright nebula  $\circ$  Open cluster  $\circ$  Globular cluster  $\diamond$  Planetary nebula

Date	Mag	Phase
2035 Oct 1	10.5	95%
2035 Nov 1	9.9	97%
2035 Nov 17	9.5	99%
2035 Dec 1	9.2	100%
2036 Jan 1	9.6	99%
2036 Feb 1	10.5	97%
2036 Feb 4	10.5	97%