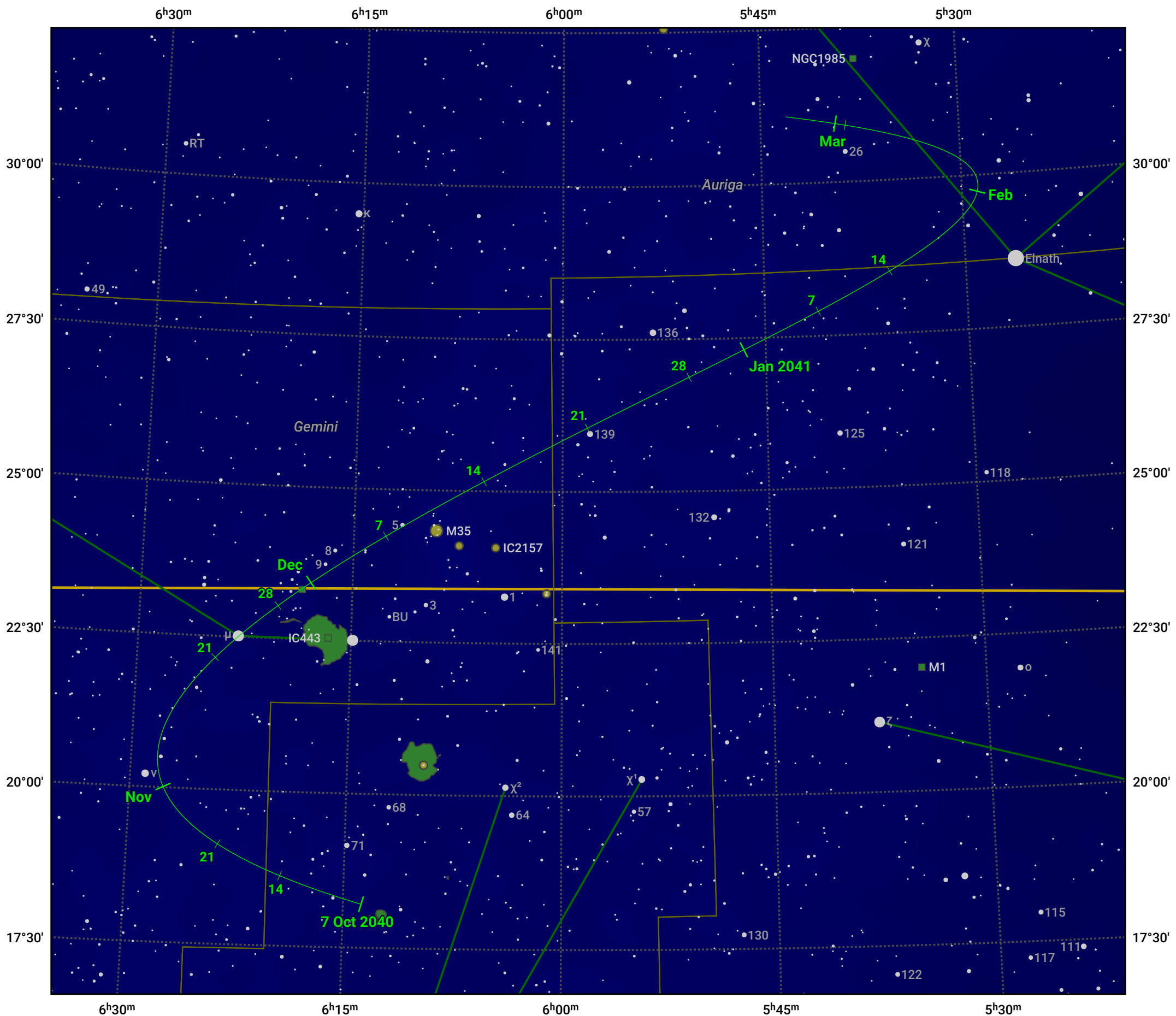


The path of Asteroid 471 Papagena around opposition on 21 Dec 2040



© 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% |