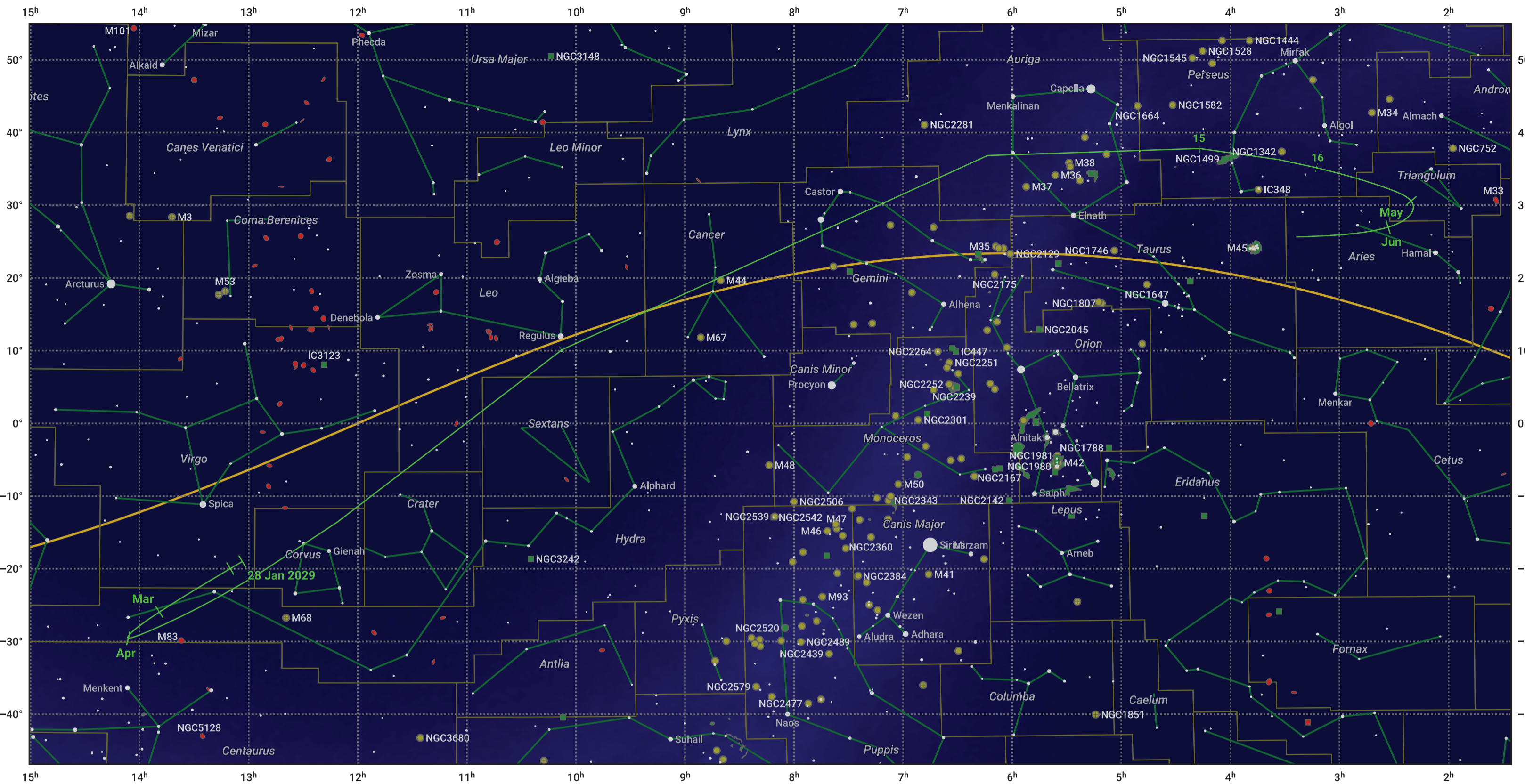


The path of Asteroid 99942 Apophis around opposition on 13 Apr 2029



© Dominic Ford 2011–2024. Date markers placed at midnight UTC. Downloaded from <https://in-the-sky.org>

Magnitude scale: ● 5.0 ● 4.0 ● 3.0 ● 2.0 ● 1.0 ● 0.0 ● -1.0 ● -2.0

— Ecliptic Plane

● Galaxy ■ Bright nebula ● Open cluster ● Globular cluster

| Date | Mag | Phase |
|-------------|------|-------|
| 2029 Feb 1 | 18.5 | 76% |
| 2029 Feb 20 | 17.6 | 81% |
| 2029 Mar 1 | 17.0 | 83% |
| 2029 Mar 8 | 16.5 | 85% |
| 2029 Mar 19 | 15.5 | 89% |
| 2029 Mar 27 | 14.5 | 91% |
| 2029 Apr 1 | 13.7 | 93% |
| 2029 Apr 2 | 13.5 | 93% |
| 2029 Apr 7 | 12.1 | 95% |
| 2029 Apr 10 | 10.8 | 96% |
| 2029 Apr 12 | 9.3 | 98% |
| 2029 Apr 13 | 7.9 | 99% |
| 2029 Apr 14 | 6.8 | 80% |
| 2029 Apr 15 | 12.6 | 16% |
| 2029 Apr 16 | 15.8 | 8% |
| 2029 Apr 17 | 17.6 | 6% |
| 2029 Apr 18 | 18.7 | 5% |
| 2029 Apr 20 | 20.4 | 4% |
| 2029 Apr 22 | 21.6 | 3% |
| 2029 Apr 25 | 23.0 | 3% |
| 2029 Apr 28 | 24.1 | 2% |
| 2029 May 1 | 25.0 | 2% |
| 2029 May 2 | 25.2 | 2% |
| 2029 May 22 | 23.9 | 5% |
| 2029 May 31 | 22.9 | 8% |
| 2029 Jun 1 | 22.8 | 9% |
| 2029 Jun 13 | 21.9 | 15% |