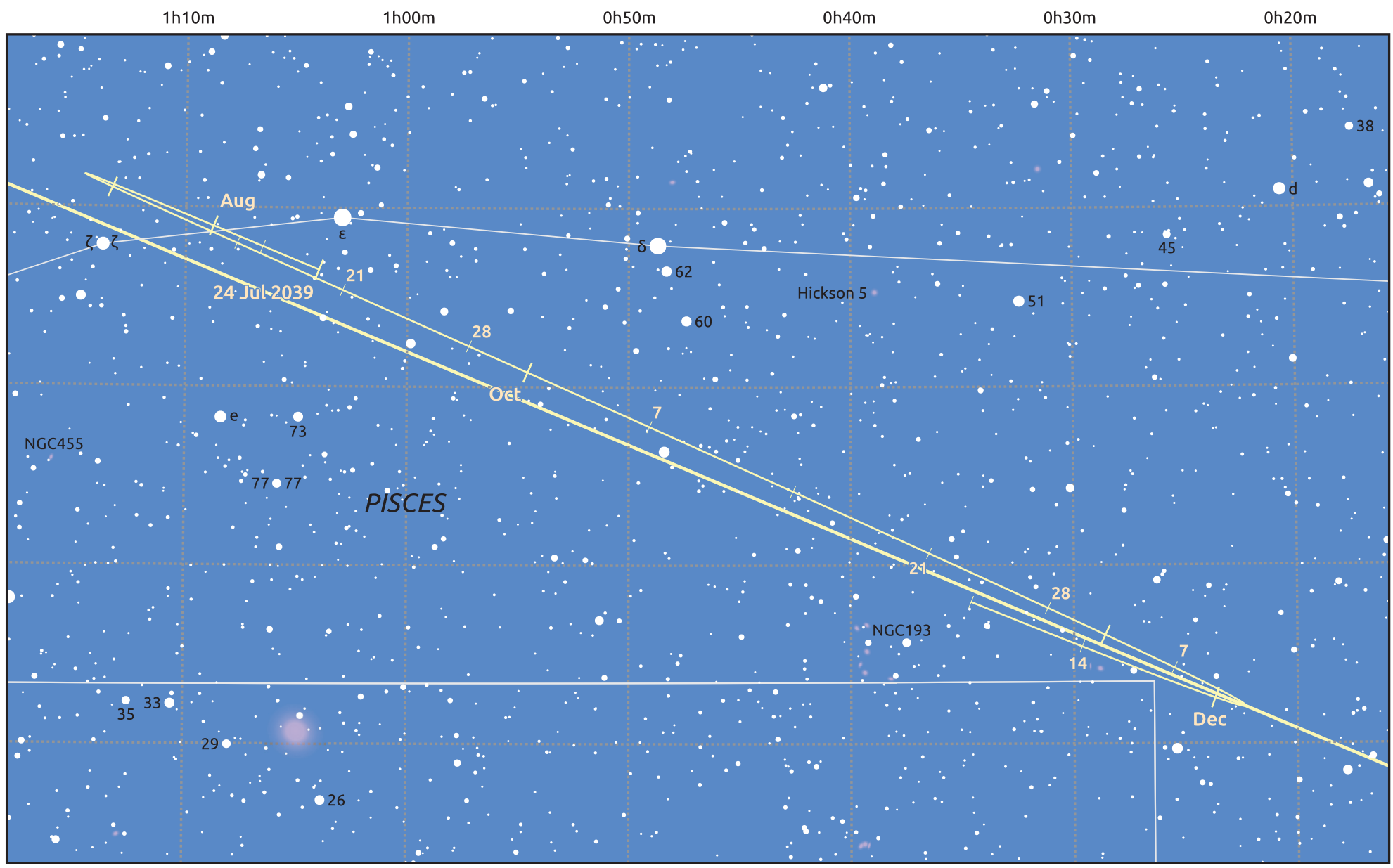


The path of Asteroid 20 Massalia around opposition on 7 Oct 2039



© Dominic Ford 2011–2025. Date markers placed at midnight UTC. Downloaded from <https://in-the-sky.org>

Magnitude scale: 11.0 10.0 9.0 8.0 7.0 6.0 5.0 4.0

Ecliptic Plane

Galaxy
 Bright nebula
 Open cluster
 Globular cluster
 Planetary nebula

| Date | Mag | Phase |
|-------------|------|-------|
| 2039 Aug 1 | 11.0 | 96% |
| 2039 Sep 1 | 10.3 | 98% |
| 2039 Sep 7 | 10.1 | 99% |
| 2039 Oct 1 | 9.4 | 100% |
| 2039 Oct 7 | 9.1 | 100% |
| 2039 Nov 1 | 9.9 | 99% |
| 2039 Nov 13 | 10.1 | 98% |
| 2039 Dec 1 | 10.5 | 96% |