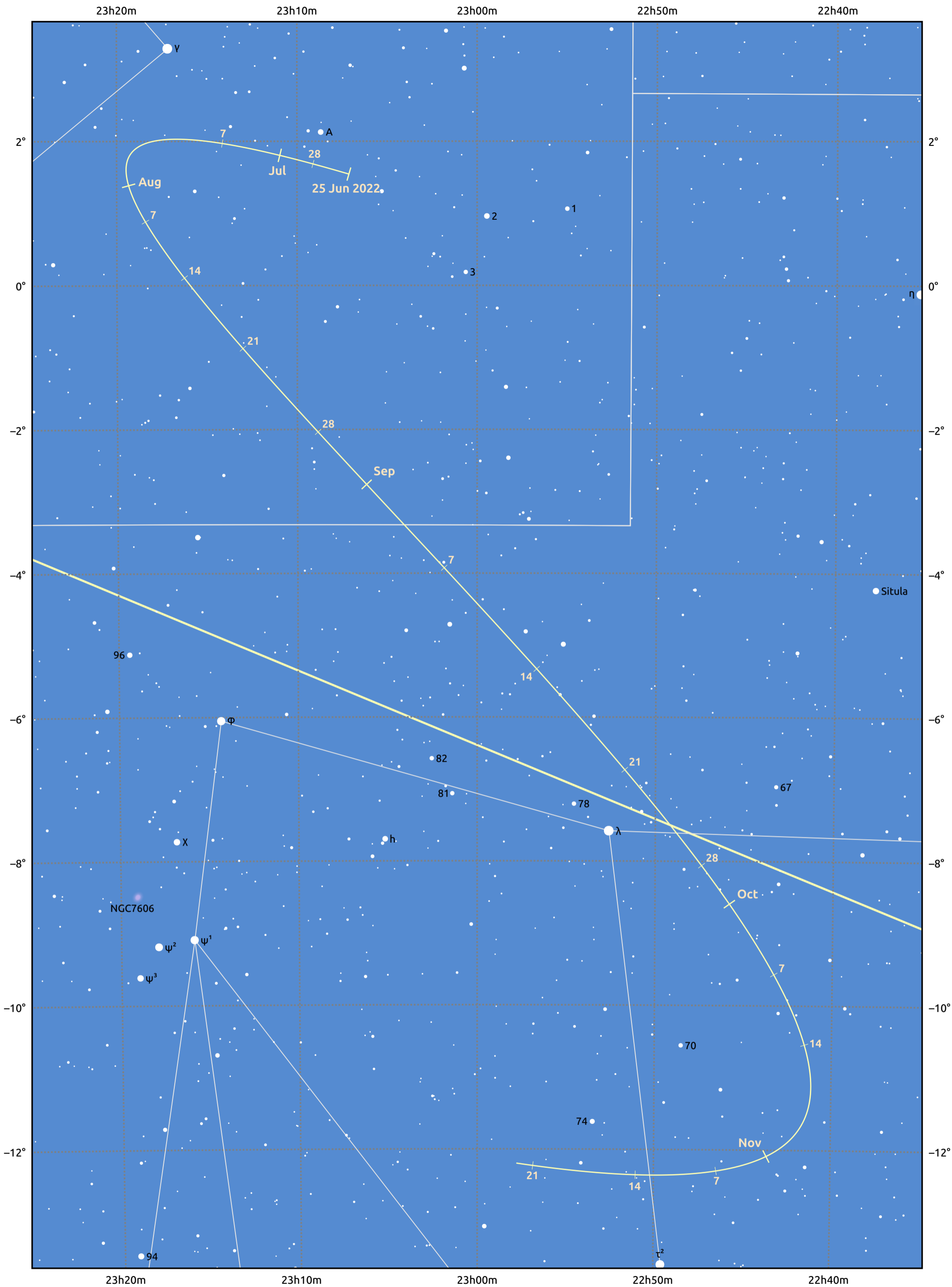


The path of Asteroid 3 Juno around opposition on 8 Sep 2022



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

Magnitude scale: 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

| Date | Mag | Phase |
|-------------|-----|-------|
| 2022 Jul 1 | 9.7 | 96% |
| 2022 Aug 1 | 9.0 | 98% |
| 2022 Aug 6 | 8.8 | 98% |
| 2022 Sep 1 | 8.0 | 100% |
| 2022 Sep 5 | 7.8 | 100% |
| 2022 Oct 1 | 8.3 | 99% |
| 2022 Oct 30 | 8.9 | 96% |
| 2022 Nov 1 | 8.9 | 96% |