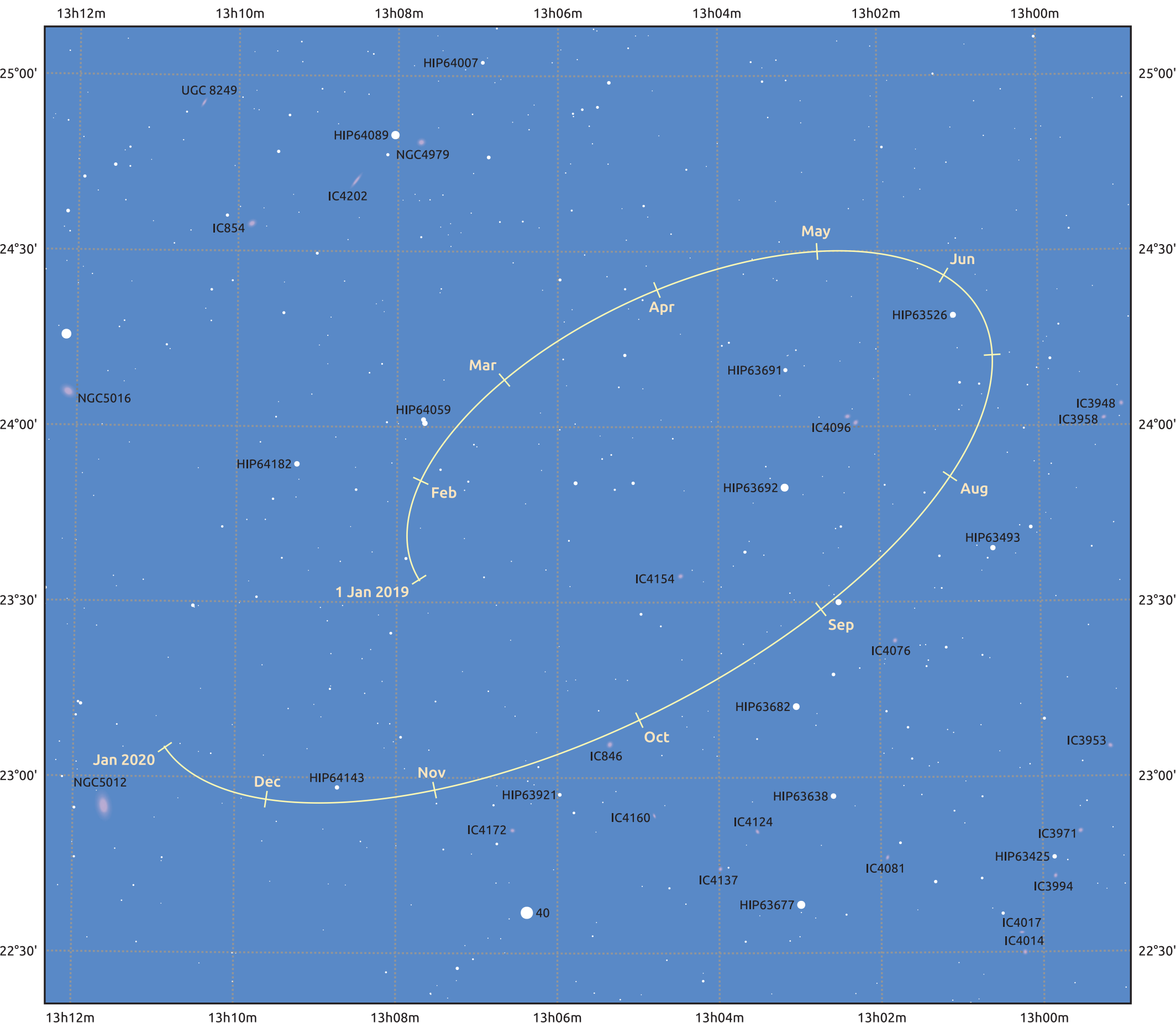


The path of Makemake in 2019



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

Magnitude scale: 14.0 13.0 12.0 11.0 10.0 9.0 8.0 7.0 6.0 5.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

| Date | Mag |
|------------|------|
| 2019 Jan 1 | 17.1 |
| 2019 Apr 1 | 17.0 |
| 2019 Jul 1 | 17.1 |
| 2019 Oct 1 | 17.1 |
| 2020 Jan 1 | 17.1 |