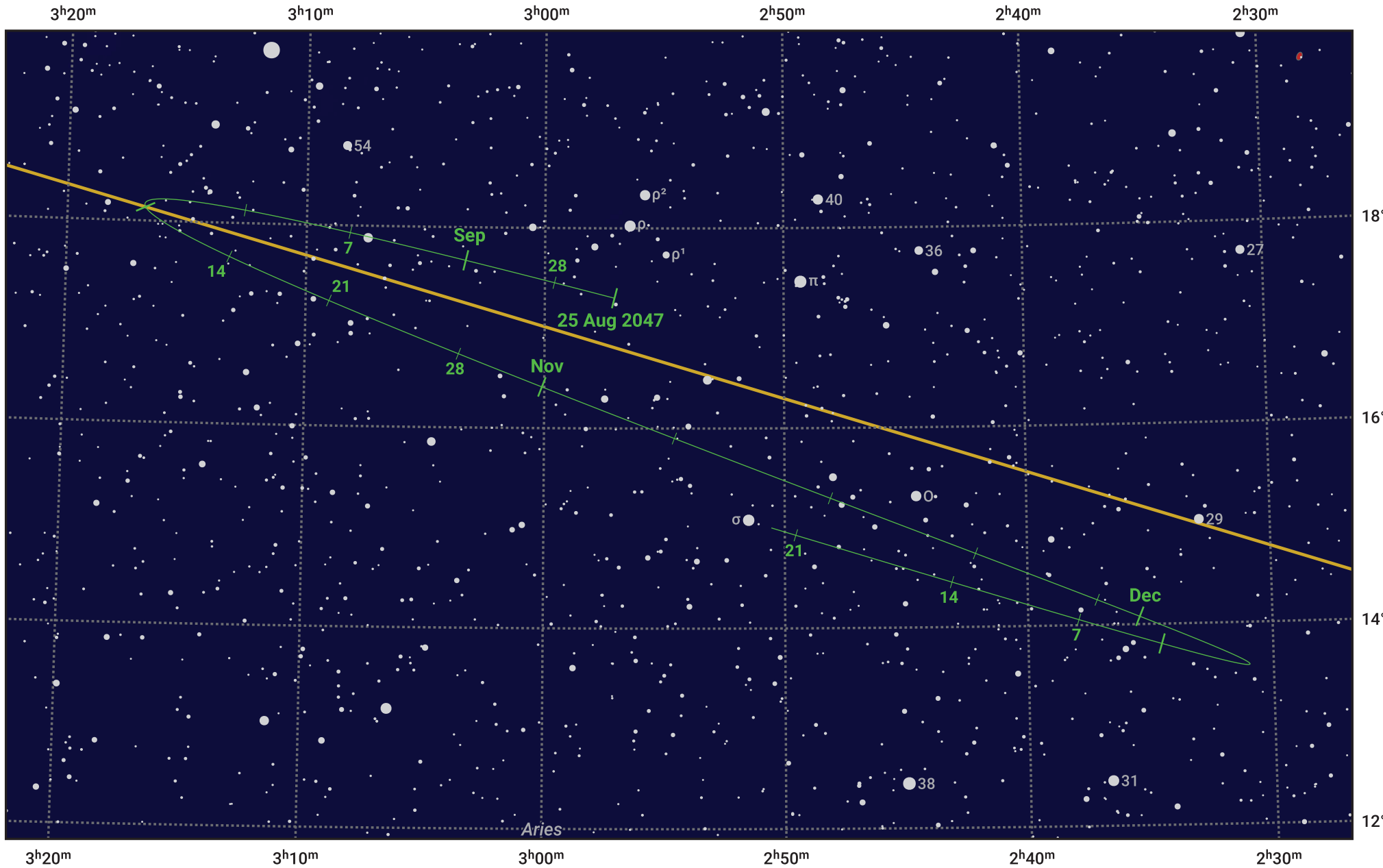


The path of Asteroid 19 Fortuna around opposition on 8 Nov 2047



© Dominic Ford 2011–2024. 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

Date	Mag	Phase
2047 Sep 1	11.2	94%
2047 Oct 1	10.5	97%
2047 Oct 9	10.3	98%
2047 Nov 1	9.6	100%
2047 Dec 1	10.1	99%
2048 Jan 1	11.0	96%
2048 Jan 15	11.3	95%