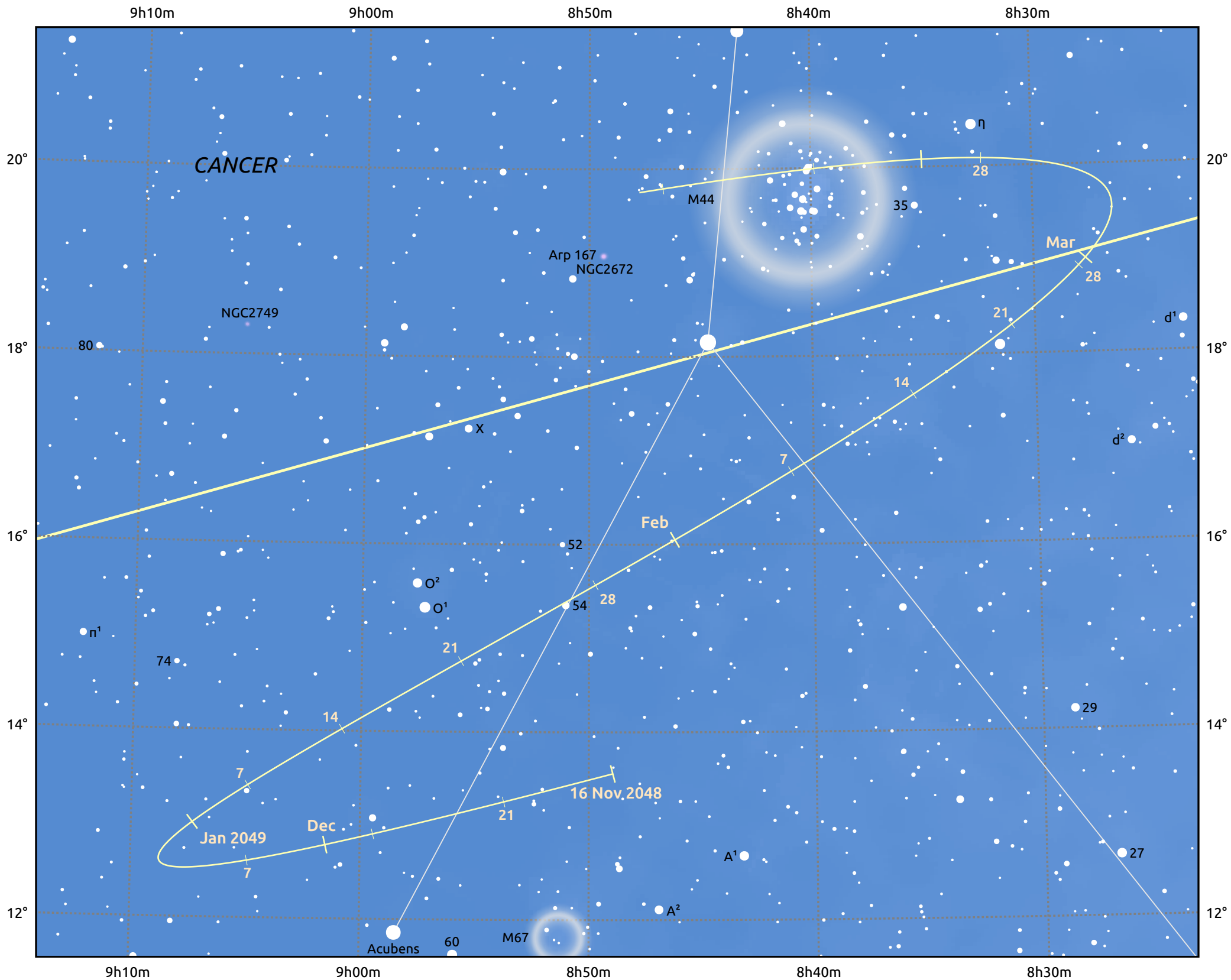


The path of Asteroid 5 Astraea around opposition on 30 Jan 2049



© 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
2048 Dec 1	10.7	95%
2048 Dec 29	10.0	98%
2049 Jan 1	9.9	98%
2049 Jan 29	9.0	100%
2049 Feb 1	9.0	100%
2049 Mar 1	9.9	98%
2049 Mar 6	10.0	97%
2049 Apr 1	10.6	95%