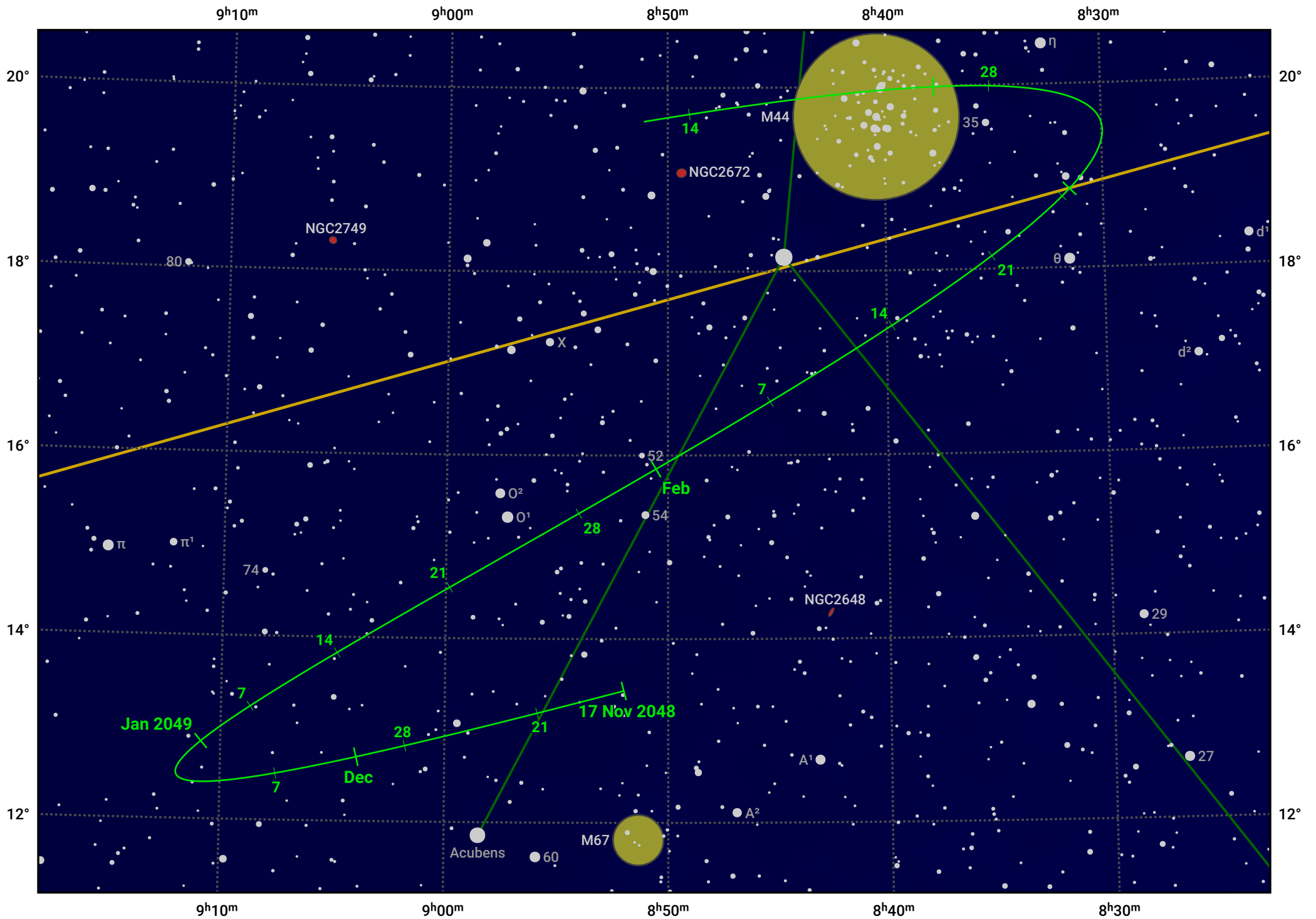


The path of Asteroid 5 Astraea around opposition on 31 Jan 2049



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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

Date	Mag	Phase
2048 Dec 1	10.7	95%
2048 Dec 30	10.0	98%
2049 Jan 1	9.9	98%
2049 Jan 30	9.0	100%
2049 Feb 1	9.0	100%
2049 Mar 1	9.9	98%
2049 Mar 7	10.0	98%
2049 Apr 1	10.6	95%