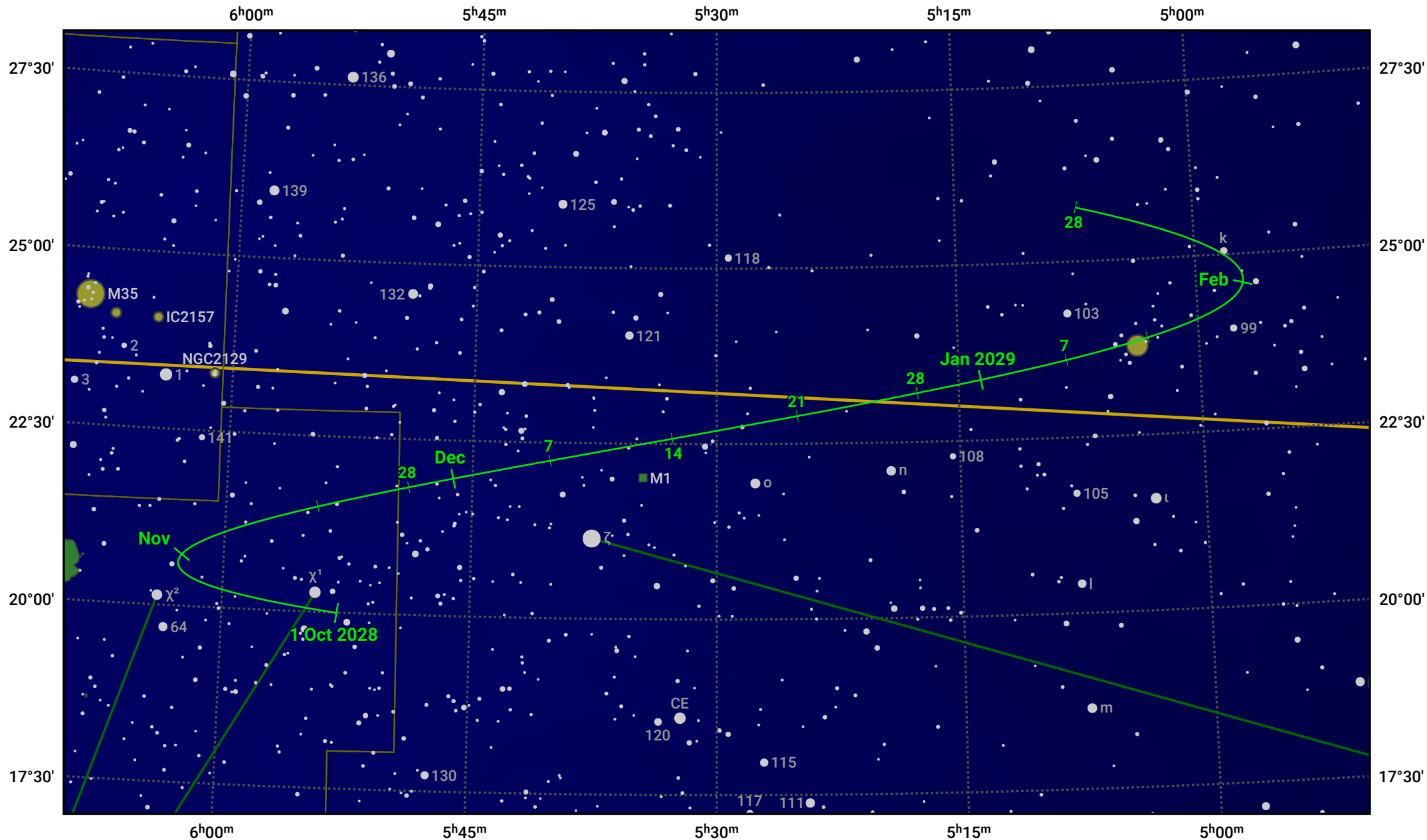


The path of Asteroid 14 Irene around opposition on 15 Dec 2028



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Magnitude scale: ● 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
2028 Oct 1	11.6	97%
2028 Nov 1	11.0	98%
2028 Nov 17	10.6	99%
2028 Dec 1	10.2	100%
2029 Jan 1	10.2	100%
2029 Feb 1	10.8	97%