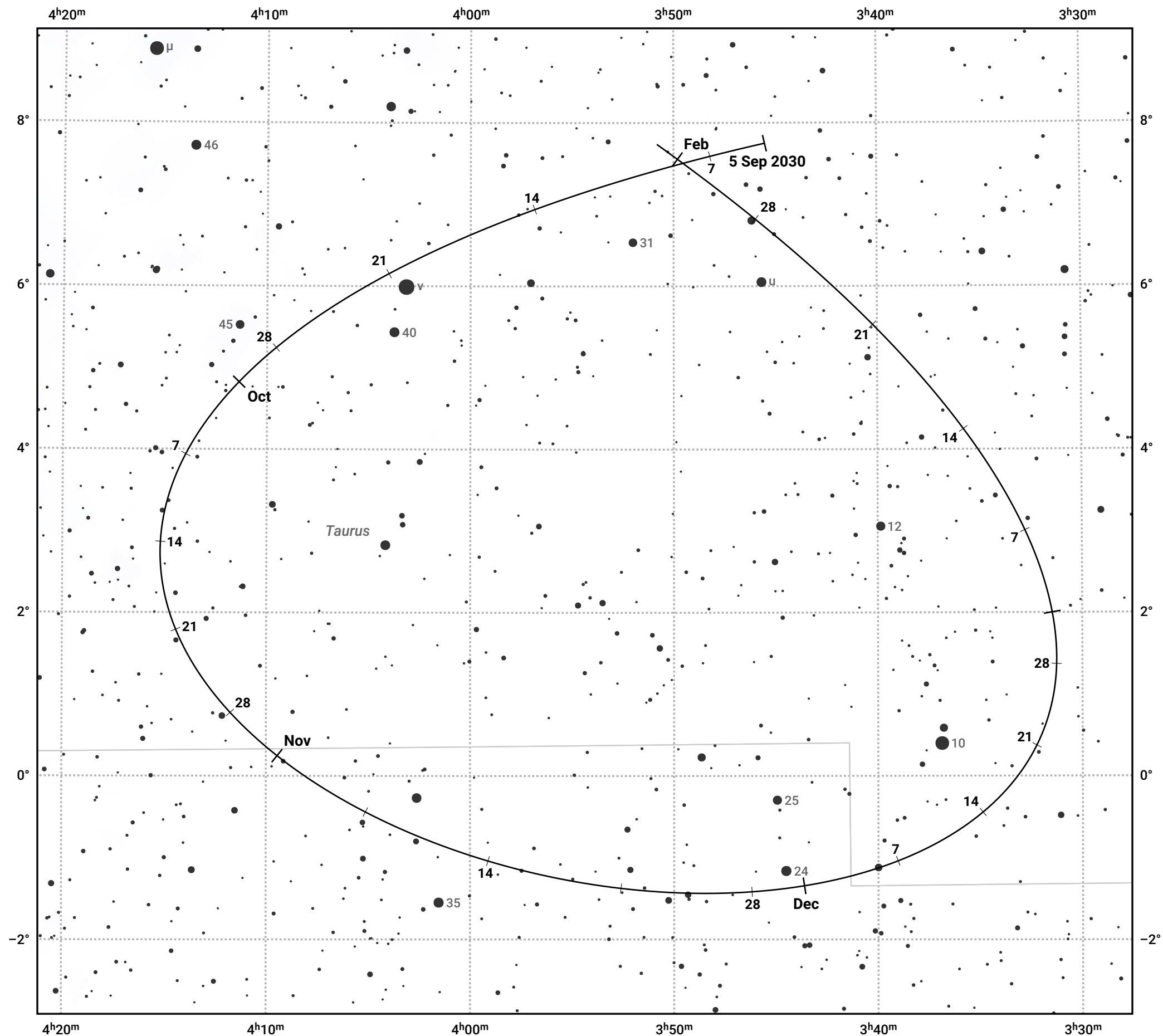


The path of Asteroid 18 Melpomene around opposition on 19 Nov 2030



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Magnitude scale: \bullet 10.0 \bullet 9.0 \bullet 8.0 \bullet 7.0 \bullet 6.0 \bullet 5.0 \bullet 4.0 \bullet 3.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster

Date	Mag	Phase
2030 Oct 1	8.9	94%
2030 Oct 25	8.4	97%
2030 Nov 1	8.3	98%
2030 Dec 1	8.4	99%
2031 Jan 1	9.2	96%
2031 Jan 9	9.5	95%
2031 Feb 1	10.0	94%