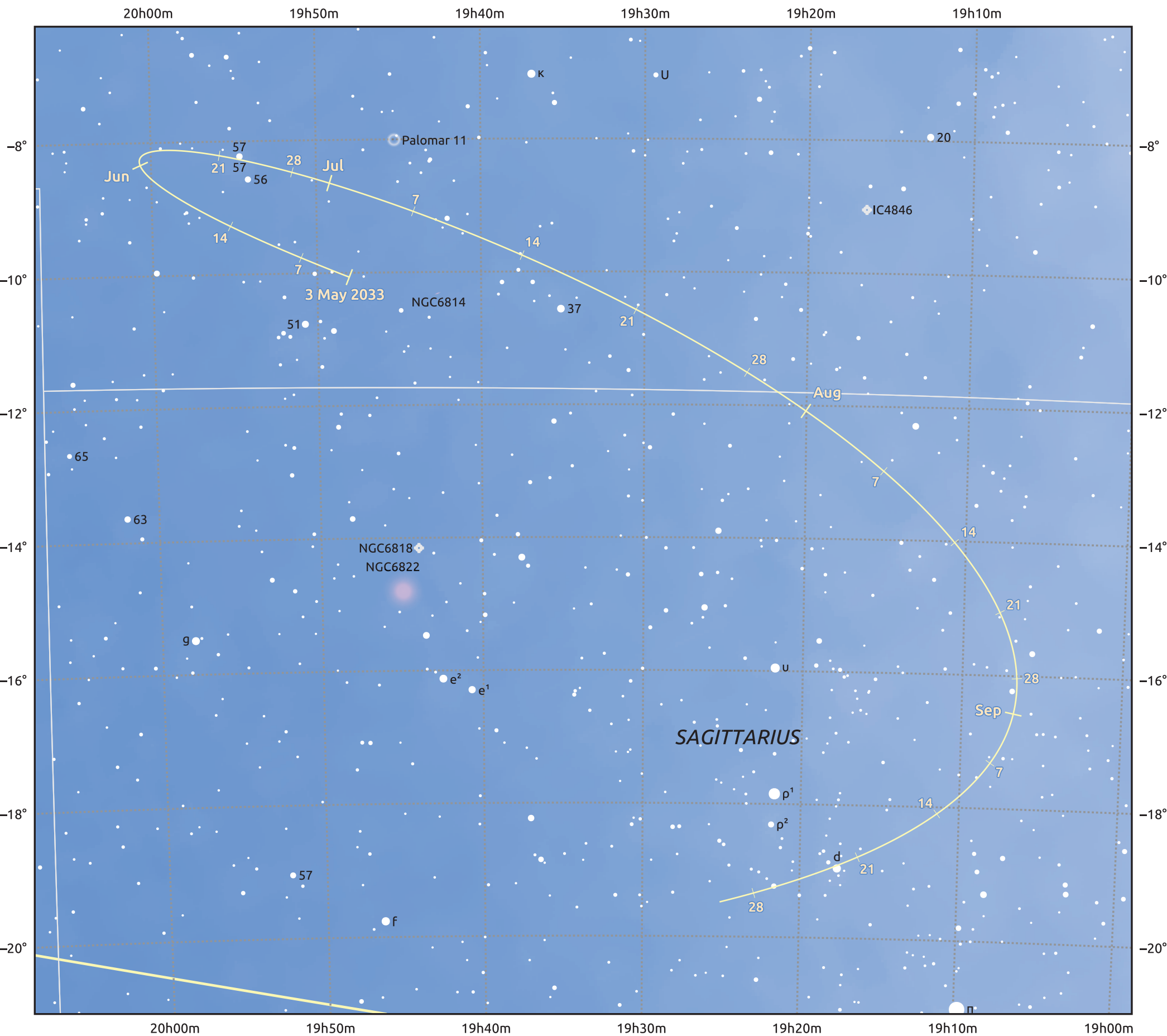


# The path of Asteroid 18 Melpomene around opposition on 17 Jul 2033



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Magnitude scale: ● 9.0 ● 8.0 ● 7.0 ● 6.0 ● 5.0 ● 4.0 ● 3.0 ● 2.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag	Phase
2033 Jun 1	10.0	97%
2033 Jun 13	9.6	98%
2033 Jul 1	9.1	99%
2033 Aug 1	8.9	99%
2033 Sep 1	9.5	96%