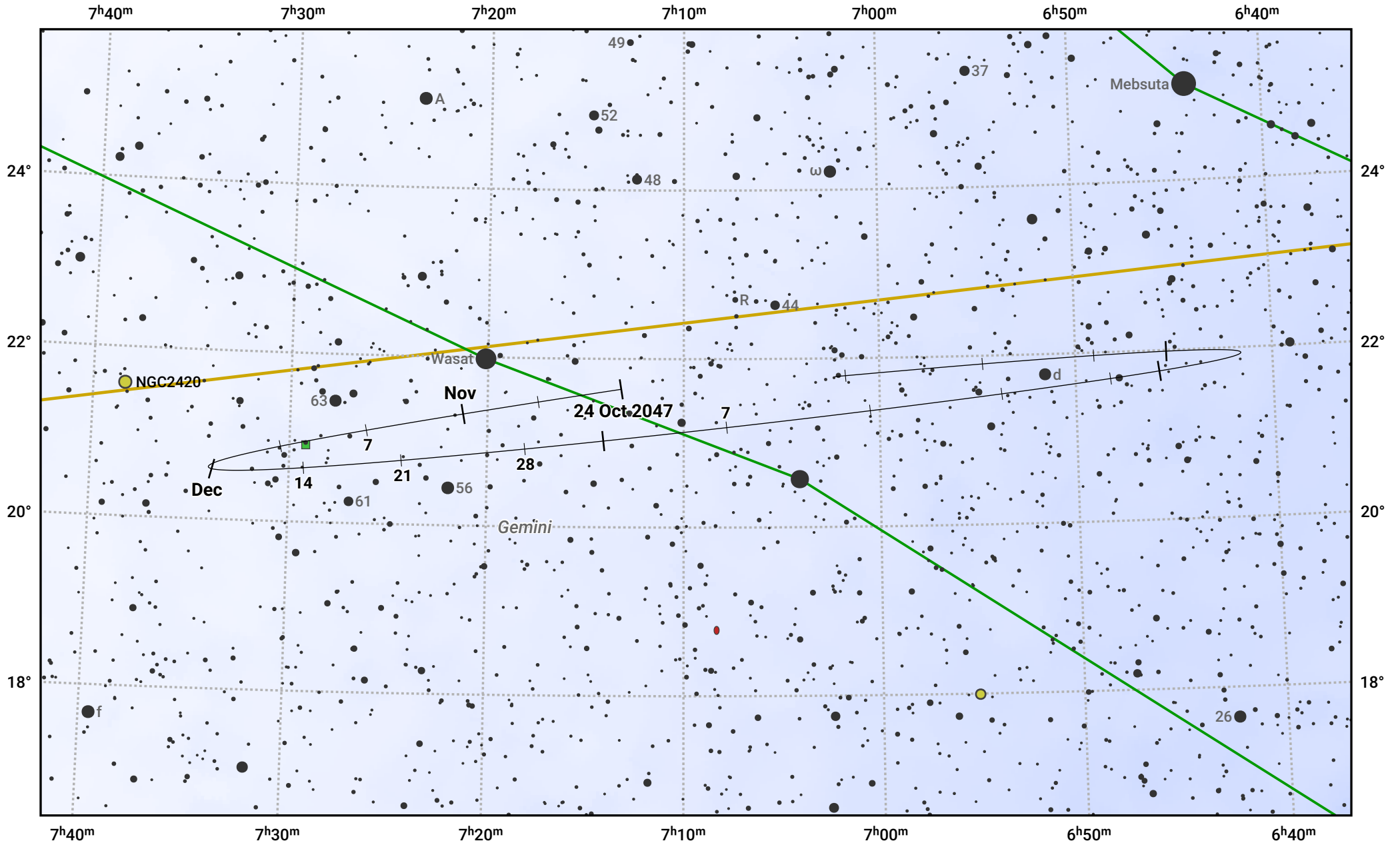


The path of Asteroid 20 Massalia around opposition on 7 Jan 2048



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Magnitude scale: · 10.0 · 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

Date	Mag	Phase
2047 Nov 1	10.3	95%
2047 Dec 1	9.6	97%
2047 Dec 7	9.4	98%
2048 Jan 1	8.6	100%
2048 Jan 7	8.4	100%
2048 Feb 1	9.2	98%
2048 Feb 7	9.4	98%
2048 Mar 1	10.0	96%