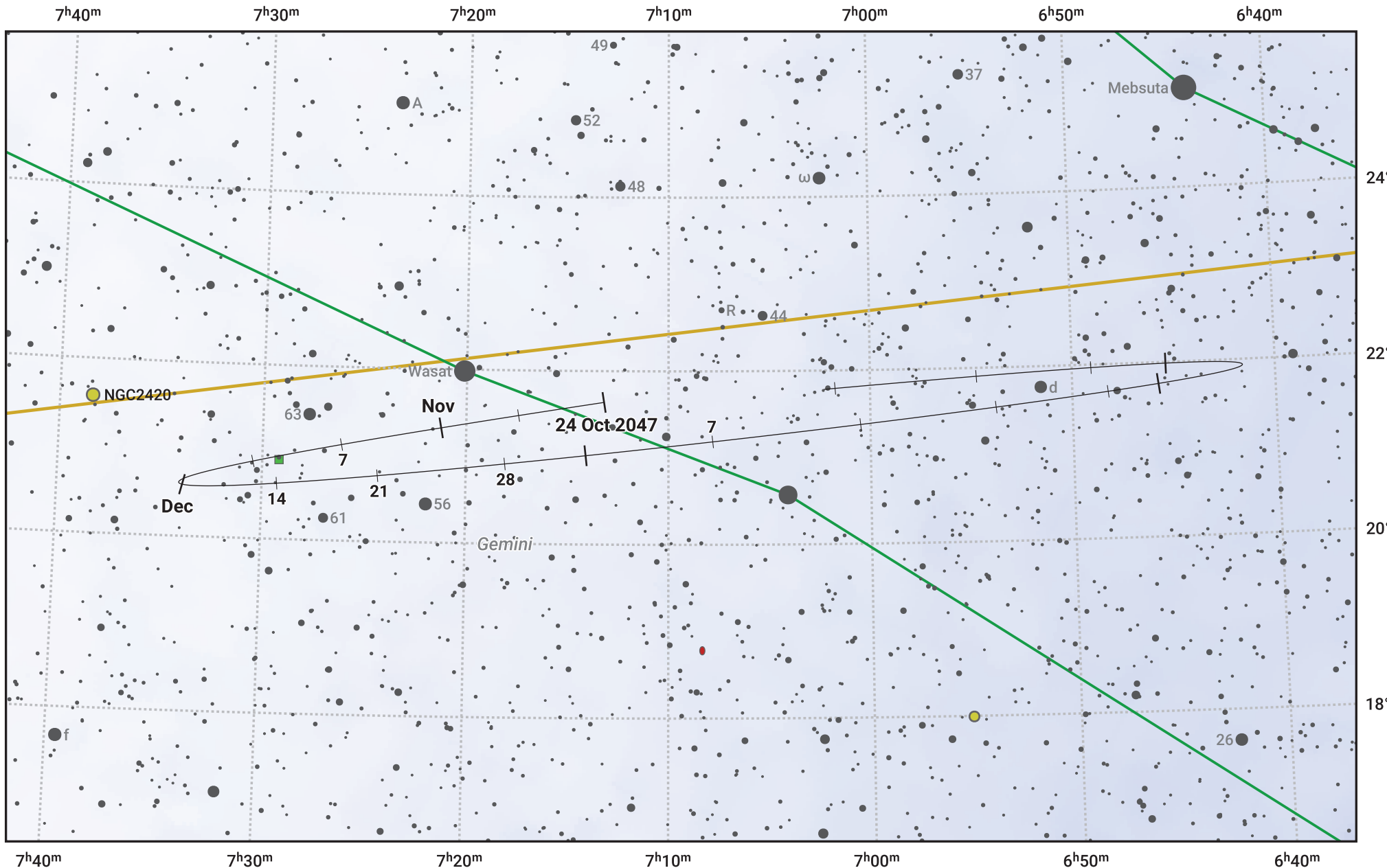


# The path of Asteroid 20 Massalia around opposition on 7 Jan 2048



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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%