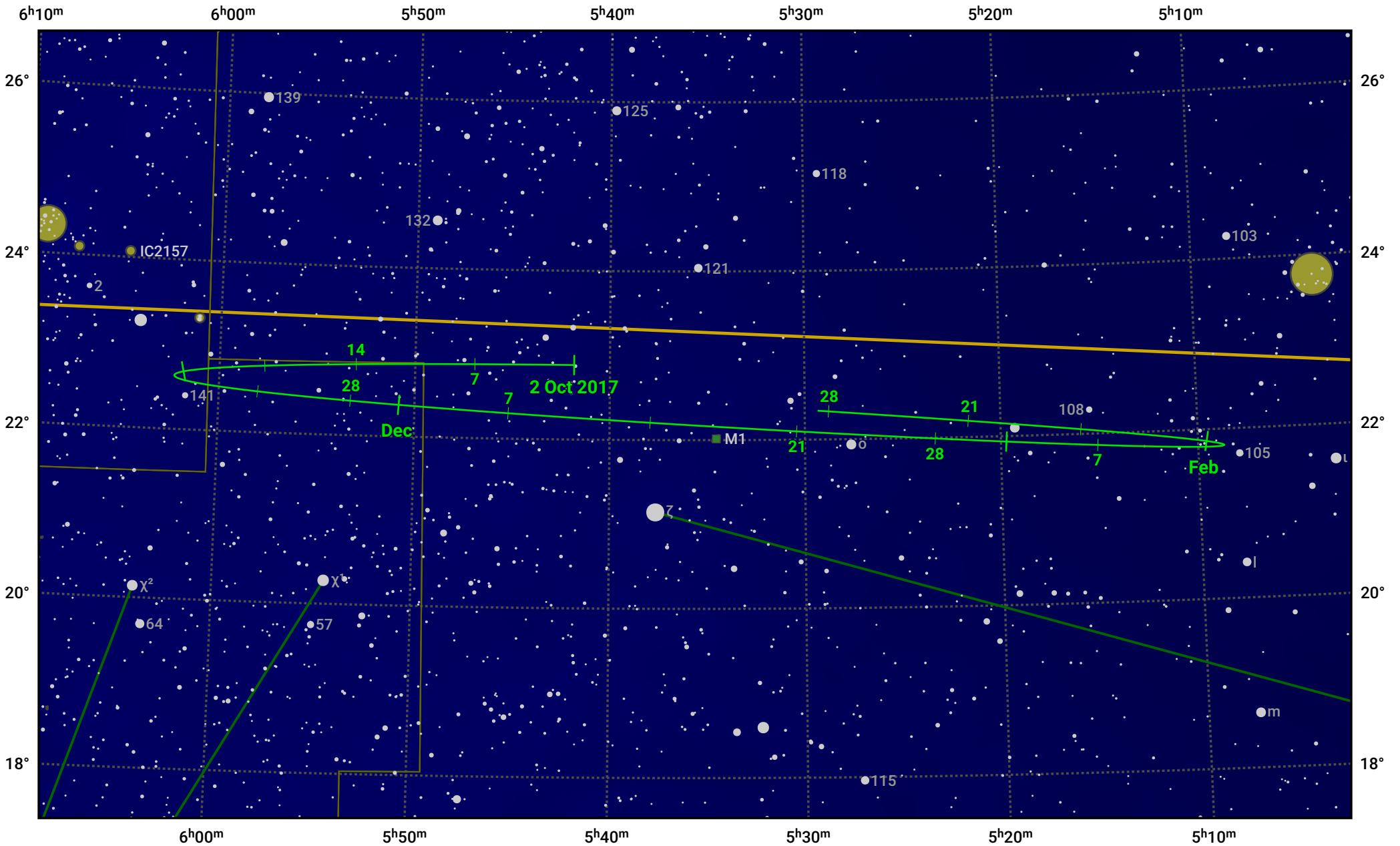


# The path of Asteroid 20 Massalia around opposition on 16 Dec 2017



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Magnitude scale:    10.0    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
2017 Nov 1	9.9	96%
2017 Nov 14	9.5	98%
2017 Dec 1	9.0	99%
2017 Dec 15	8.5	100%
2018 Jan 1	9.0	99%
2018 Jan 19	9.5	98%
2018 Feb 1	9.8	96%