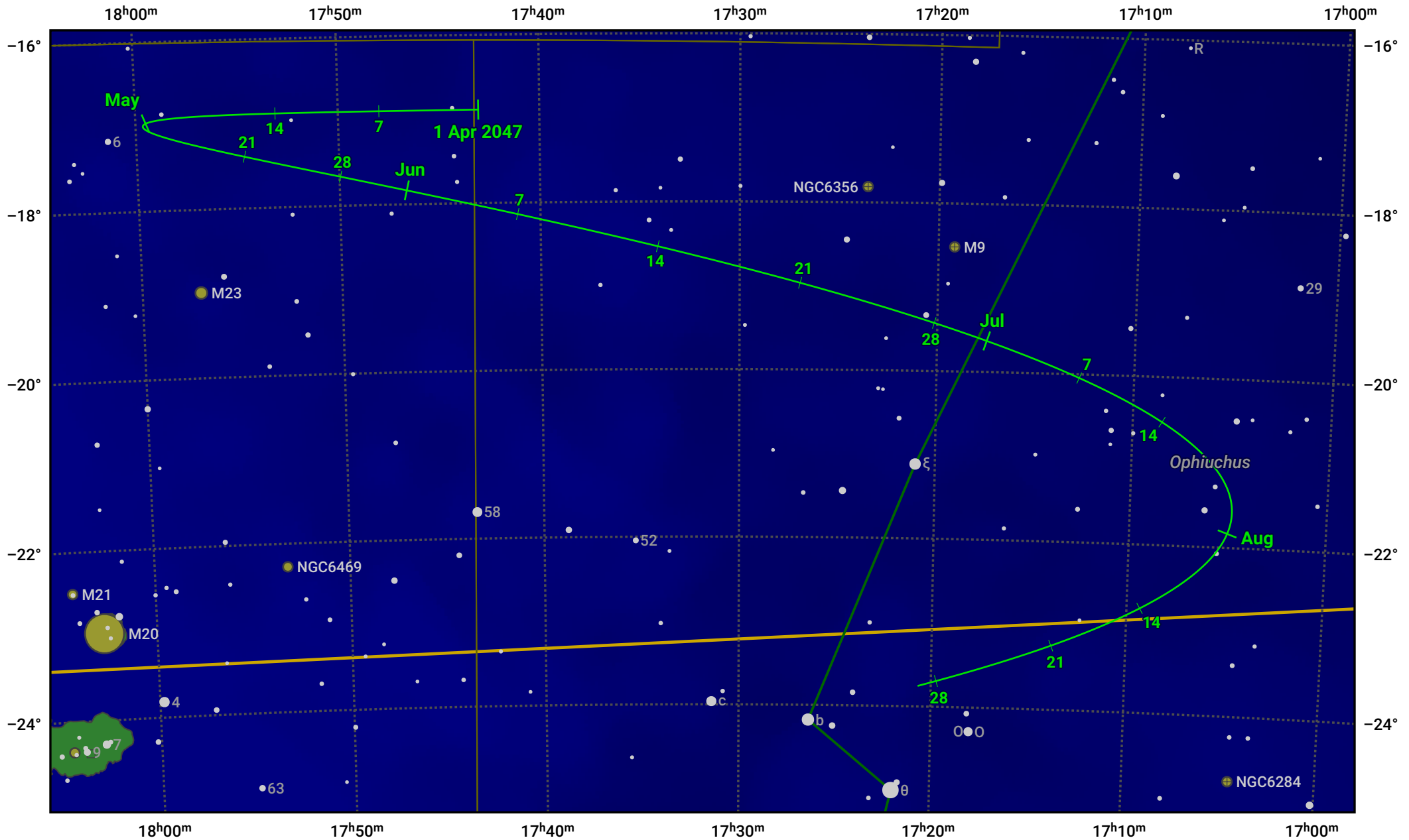


The path of Asteroid 4 Vesta around opposition on 15 Jun 2047



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

— Ecliptic Plane

● Galaxy
 ■ Bright nebula
 ● Open cluster
 ● Globular cluster

Date	Mag	Phase
2047 Apr 1	7.2	95%
2047 May 1	6.6	97%
2047 May 17	6.2	98%
2047 Jun 1	5.8	99%
2047 Jul 1	5.8	99%
2047 Aug 1	6.7	97%
2047 Aug 28	7.2	95%