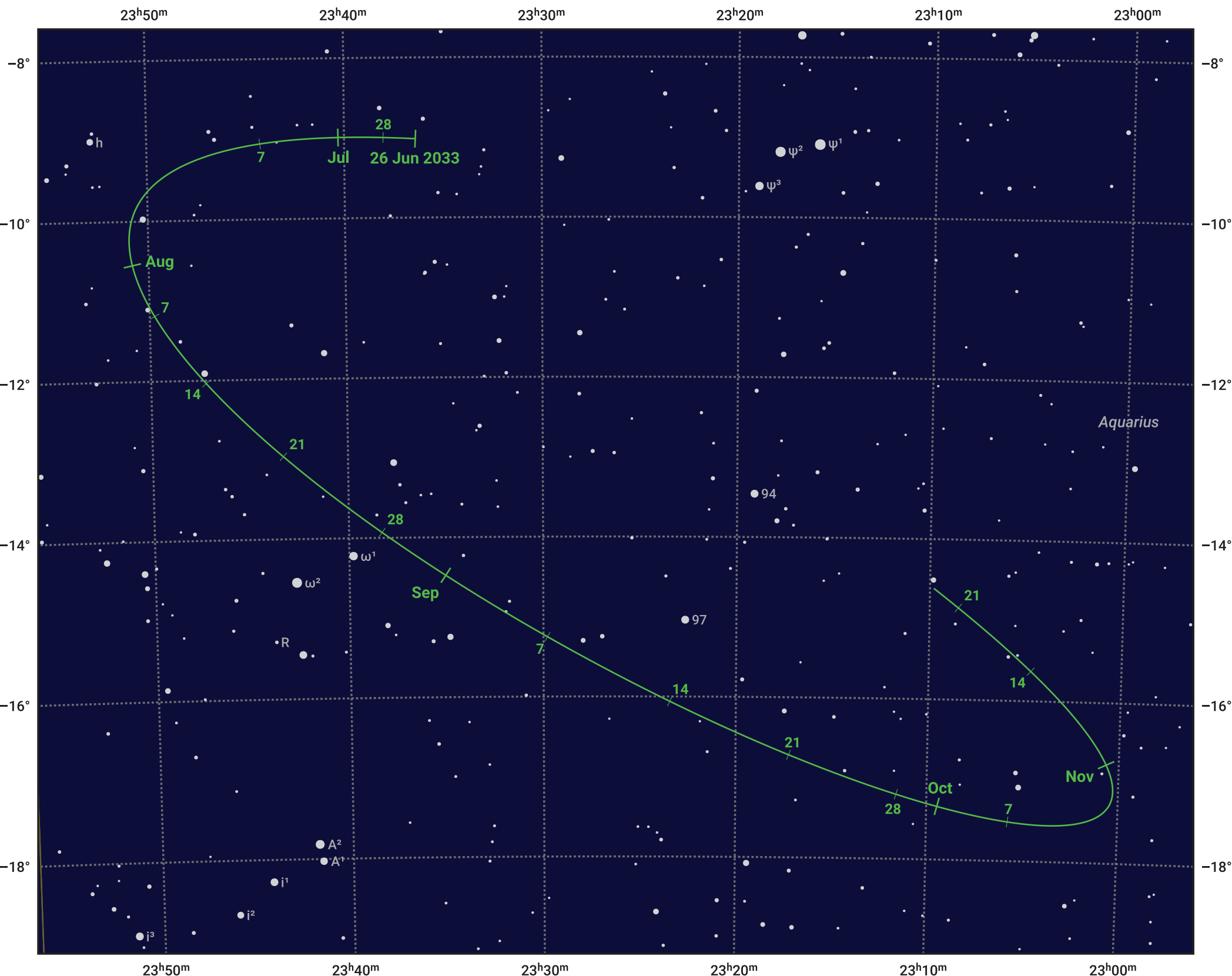


The path of Asteroid 4 Vesta around opposition on 9 Sep 2033



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

— Ecliptic Plane

- Galaxy
- Bright nebula
- Open cluster
- Globular cluster

Date	Mag	Phase
2033 Jul 1	7.4	95%
2033 Aug 1	6.9	97%
2033 Aug 19	6.5	99%
2033 Sep 1	6.2	100%
2033 Oct 1	6.6	99%
2033 Nov 1	7.4	97%
2033 Nov 7	7.5	96%