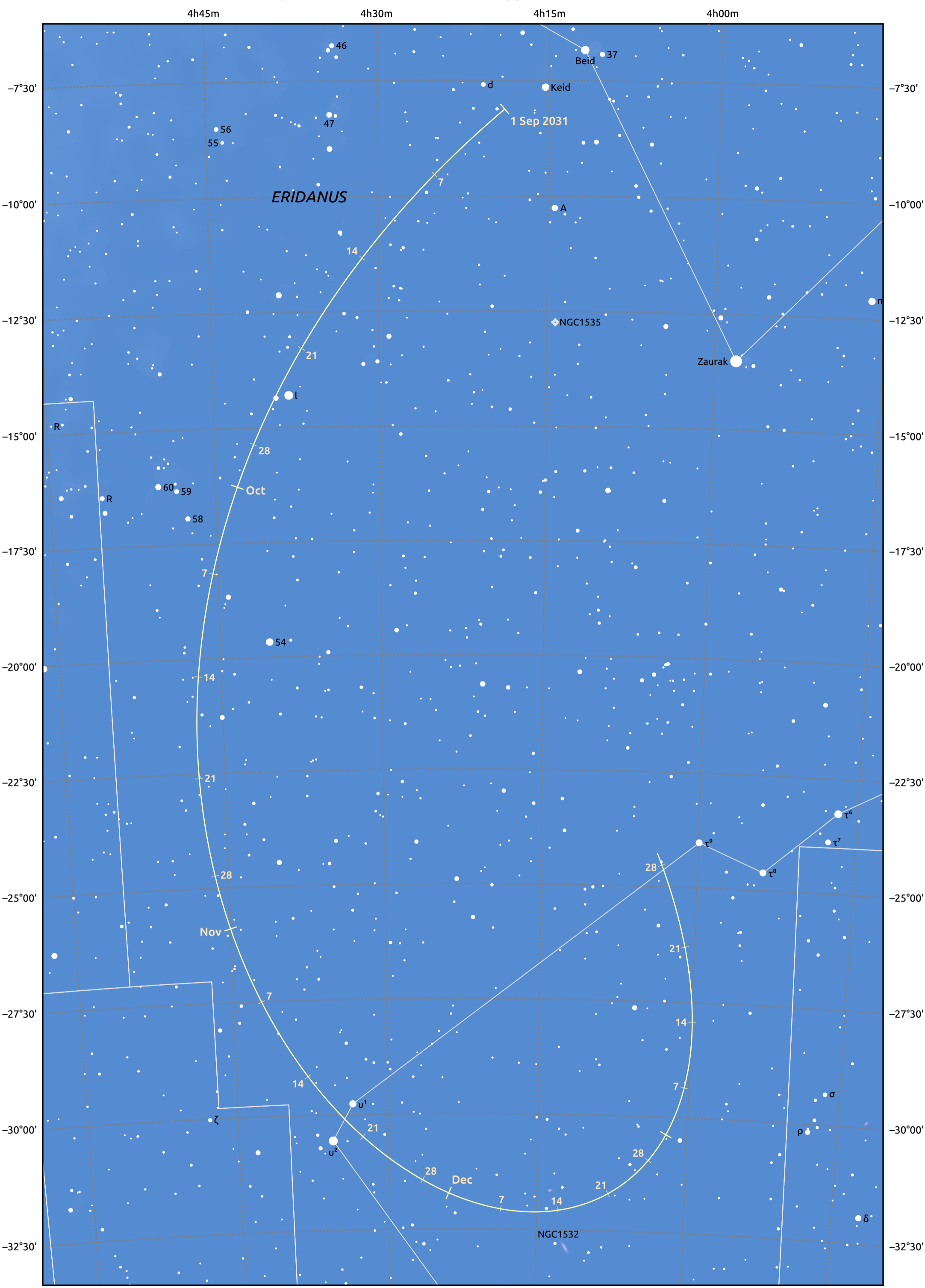


The path of Asteroid 2 Pallas around opposition on 15 Nov 2031



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Magnitude scale: ● 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 Planetary nebula

Date	Mag	Phase
2031 Sep 1	9.0	96%
2031 Oct 1	8.5	96%
2031 Nov 1	8.1	97%
2031 Nov 23	8.0	97%
2031 Dec 1	8.0	97%
2032 Jan 1	8.1	96%