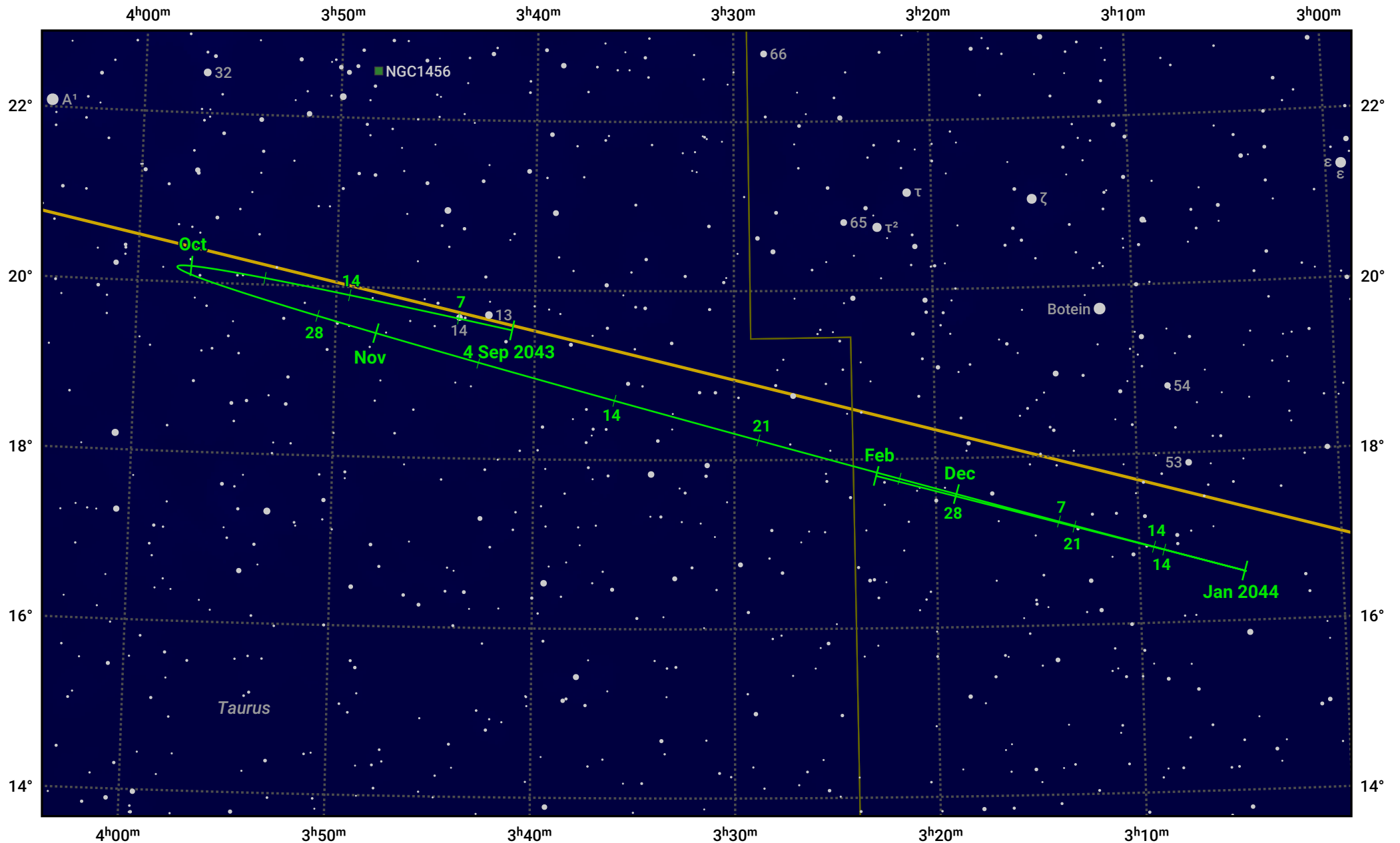


The path of Asteroid 20 Massalia around opposition on 18 Nov 2043



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Magnitude scale: · 10.0 · 9.0 · 8.0 · 7.0 · 6.0 ● 5.0 ● 4.0

— Ecliptic Plane

● Galaxy ■ Bright nebula ● Open cluster ⊕ Globular cluster

Date	Mag	Phase
2023 Oct 1	10.1	97%
2023 Oct 16	9.7	98%
2023 Nov 1	9.3	99%
2023 Nov 16	8.7	100%
2023 Dec 1	9.1	100%
2023 Dec 26	9.7	97%
2024 Jan 1	9.8	97%
2024 Feb 1	10.4	94%