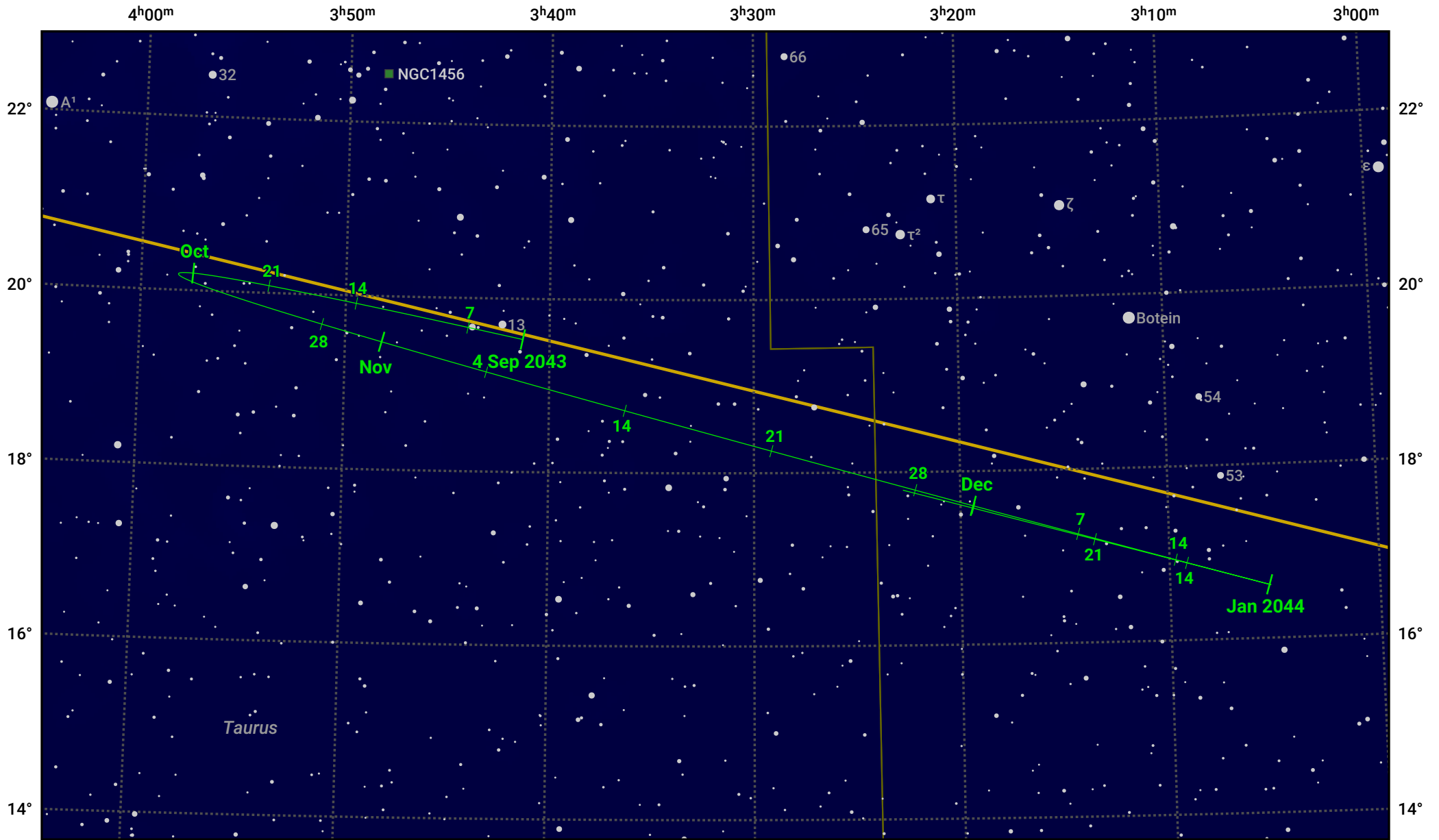


The path of Asteroid 20 Massalia around opposition on 18 Nov 2043



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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	10.2	97%
2023 Oct 16	9.8	98%
2023 Nov 1	9.3	99%
2023 Nov 16	8.7	100%
2023 Dec 1	9.1	100%
2023 Dec 27	9.7	97%
2024 Jan 1	9.8	97%