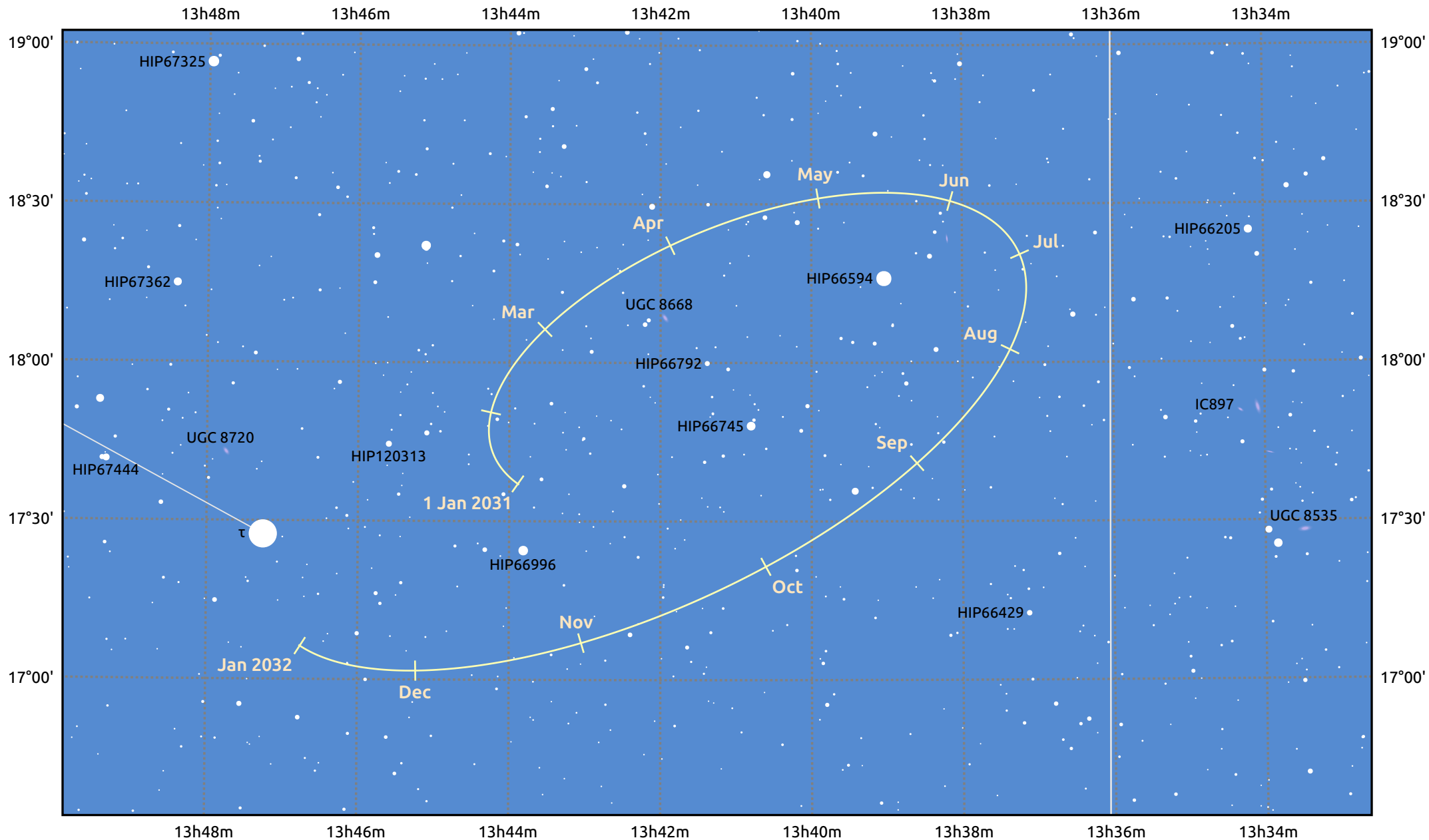


# The path of Makemake in 2031



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Magnitude scale: 14.0 13.0 12.0 11.0 10.0 9.0 8.0 7.0 6.0 5.0 4.0

— Ecliptic Plane

Galaxy Bright nebula Open cluster Globular cluster Planetary nebula

Date	Mag
2031 Jan 1	17.1
2031 Apr 1	17.0
2031 Jul 1	17.1
2031 Oct 1	17.1
2032 Jan 1	17.2