

C/1910 A1 (Great January comet)

Unclassified Comet

Great January comet

Space Reference » Unclassified Comets » C/1910 A1 (Great January comet)

Key Facts

- Categorized as a [Unclassified Comet](#)
- Not a Near Earth Object
- Not a Potentially Hazardous Object
- [See orbit simulation](#)

Overview

Comet C/1910 A1 (Great January comet) is an object whose orbit does not match any defined comet orbit class. NASA JPL has not classified Great January comet as potentially hazardous because its orbit does not bring it close to Earth.

Great January comet orbits the sun every 5,470,000 days (14,976.04 years), coming as close as 0.12 AU and reaching as far as 1214.68 AU from the sun. Its orbit is highly elliptical.

No Close Approaches

Great January comet's orbit is 0.03 AU from Earth's orbit at its closest point. This means that there is a wide berth between this asteroid and Earth at all times.

Orbital simulations conducted by NASA JPL's CNEOS do not show any close approaches to Earth.

Images and Observations

Great January comet's orbit is determined by observations dating back to Jan. 19, 1910. It was last officially observed on April 11, 1910. The IAU Minor Planet Center records 25 observations used to determine its orbit.

Accessibility and Exploration

This comet is not considered a viable target for human exploration by the [NHATS study](#).

References

- [JPL Small Body Database](#)
- [Mission Design](#)
- [Sky Finder Chart](#)

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Orbital Elements

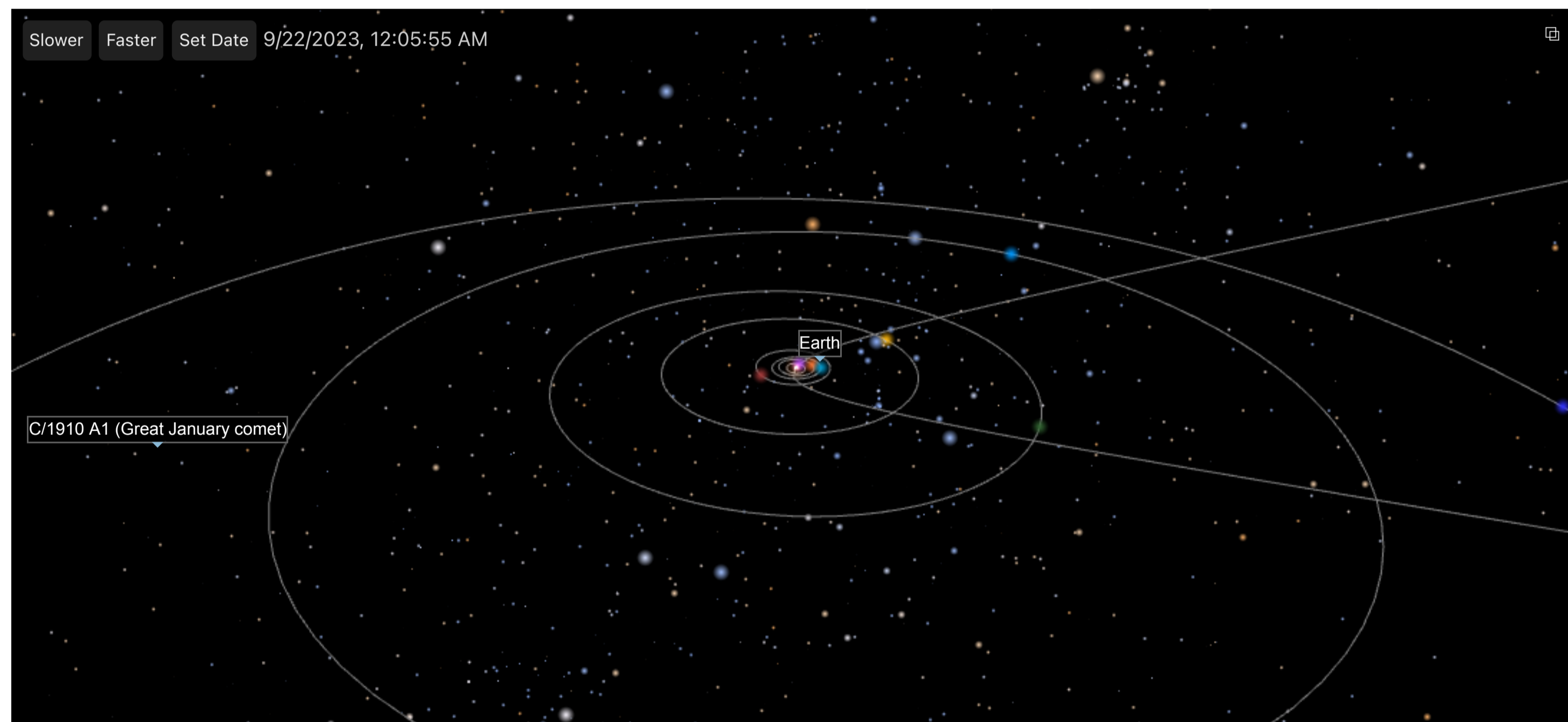
- Epoch: 2418705.5 JD
- Semi-major axis: 607.4 AU
- Eccentricity: 0.9998
- Inclination: 138.78°
- Longitude of Ascending Node: 90.03°
- Argument of Periapsis: 320.89°
- Mean Anomaly: 0.0°

Physical Characteristics

Derived Characteristics

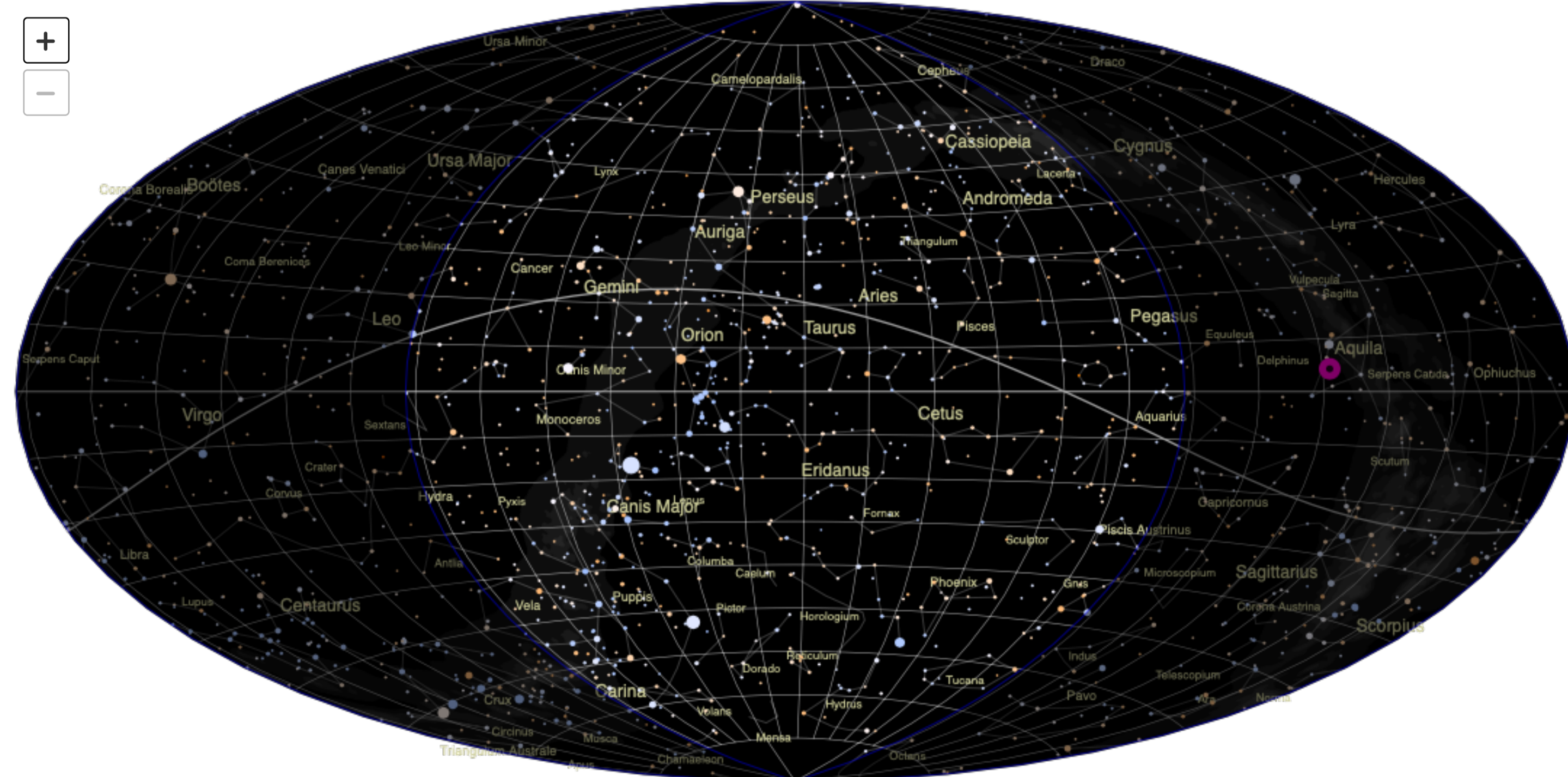
- Orbit Period: 5,470,000 days (14,976.04 years)
- Avg. Orbit Speed: 1.21 km/s
- Aphelion Distance: 1214.68 AU
- Perihelion Distance: 0.12 AU

Orbit Simulation



Sky Map

The position of C/1910 A1 (Great January comet) is indicated by a **pink circle**. Note that the object may not be in your current field of view. Use the controls below to adjust position, location, and time.



Location ° ° Date/time
Horizon marker Planets, Sun & Moon