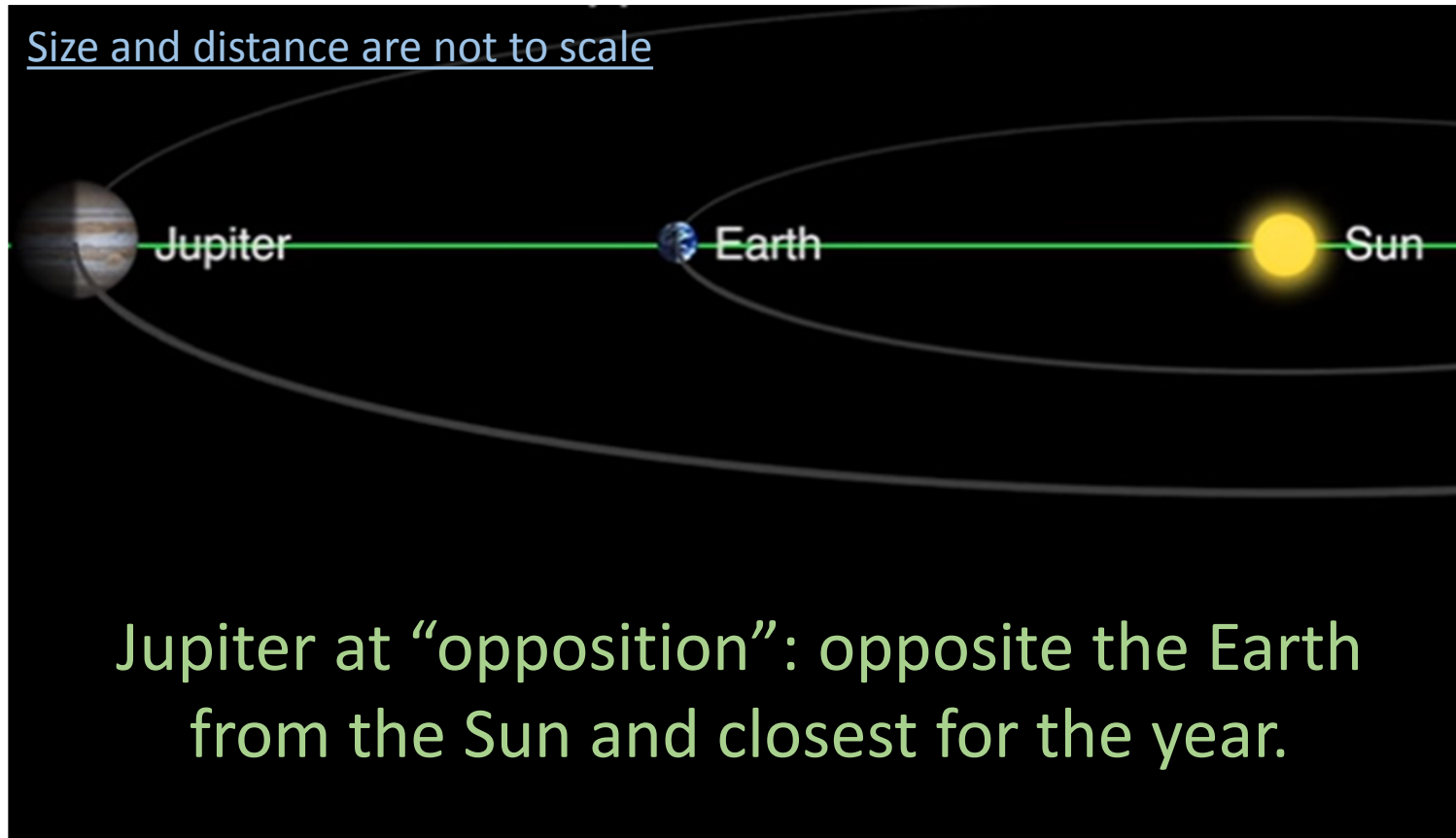


June 2019 Sky Events

Gas Giant Jupiter Closest to Earth this Month

The gas giant Jupiter, the largest planet in our solar system, **reaches opposition** (opposite the Earth from the Sun and closest for the year) on the night of June 10th. At opposition Jupiter will be a very bright magnitude of -2.6!



June 2019 Sky Events

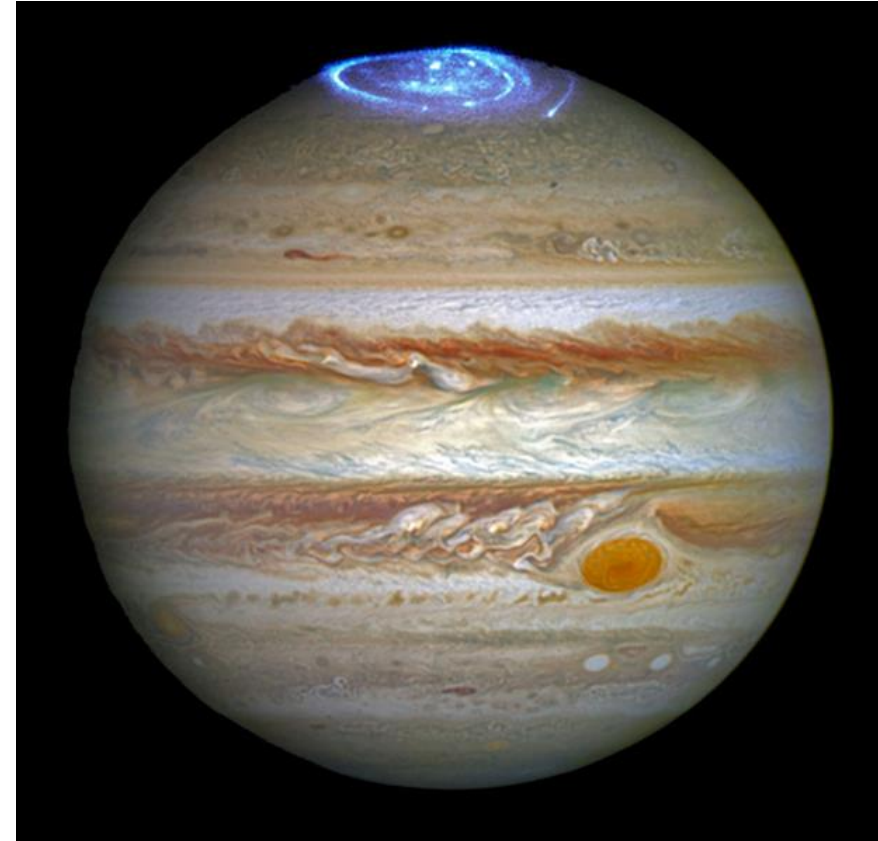
Gas Giant Jupiter Closest to Earth this Month

During June, Jupiter will be the brightest planet in the evening sky -- brighter than any visible star. Its disk will reach a peak diameter of 46 arc seconds.

Jupiter is the fastest spinning solar system planet, completing a rotation in just under 10 hours.

Its 4 bright Galilean satellites are easy objects to observe in stabilized binoculars or a small telescope. With a telescope and steady clear skies, Jupiter's Great Red Spot may be observed, if it is rotated toward Earth at the time.

For some tables on the positions of Jupiter's moons as well as the location of the GRS, [see this link](#).



NASA's Juno Mission Image

June 2019 Sky Events

Gas Giant Jupiter Closest to Earth this Month

The view from Asheville, NC
on June 10th, about 9:30 p.m. EDT
-- looking SE at dusk

Spica

Virgo

Ophiuchus

Antares

Jupiter

Scorpius

SE

S

Rising at dusk and setting at dawn, the planet Jupiter is visible all night during the month of June.

Located in the constellation Ophiuchus, near the Scorpius border, Jupiter is positioned some 398 million miles (or 36 light minutes) away from Earth at opposition on June 10th.

The stars Antares in Scorpius and Spica in Virgo will also be visible -- 550 and 250 light years behind Jupiter, respectively.