

This chart shows the sky as it appears at approximately 10pm EDT near mid-month at northern mid-latitudes.

What is that dashed line? It's the ecliptic, the reference plane of the solar system, defined by the Sun and Earth. The major planets and the Moon can always be found within a few degrees of this plane.

The Cranbrook Observatory is open to the public Friday evenings from 8:30 - 10:00pm EDT, and the first Sunday of the month from 1:00 - 4:00pm for solar viewing.

For observatory information visit <http://science.cranbrook.edu/explore/observatory>

# JULY 2025

## Notable Sky Happenings



### July 1 - 7

Earth is at Aphelion (farthest from the Sun) on the 3rd. The Moon is at the lower left of Spica on the 3rd (SW evening), to the right of Antares on the 6th and the lower left of Antares on the 7th (S evening).

### July 8 - 14

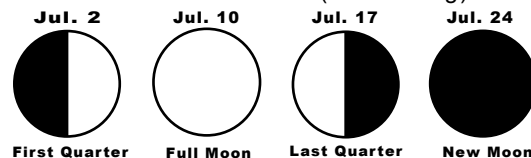
Venus is above Aldebaran on the 11th (E predawn).

### July 15 - 21

Moon is above Saturn (SSE morning) and Venus is to the left of Aldebaran (E morning) on the 16th. Moon is in the Pleiades star cluster on the 20th (E morning - use binoculars).

### July 22 - 31

Moon is above Venus on the 21st (ENE morning). The Delta-Aquarid Meteor shower peaks on the night of the 28th-29th. Moon is to the left of Mars on the 28th (W evening).



First Quarter Full Moon Last Quarter New Moon

## Now Showing

### "Lamps of Atlantis"

Our search for the lost continent of Atlantis takes us on a journey through the astronomical knowledge of the ancient Greeks. And stick around for **"Always Above: Space Is Closer Than You Think."** We explore how close space is to our daily lives and the role that the U.S. Space Force plays in launching, operating and defending these assets.

## Also Showing

### "One World, One Sky: Big Bird's Adventure"

When Elmo's friend, Hu Hu Zhu, visits from China. Big Bird, Elmo and Hu Hu Zhu take viewers on an exciting discovery of the Sun, Moon, and stars. They learn about the Big Dipper and the North Star and take an imaginary trip to the Moon where they learn that the Moon is a very different place.

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