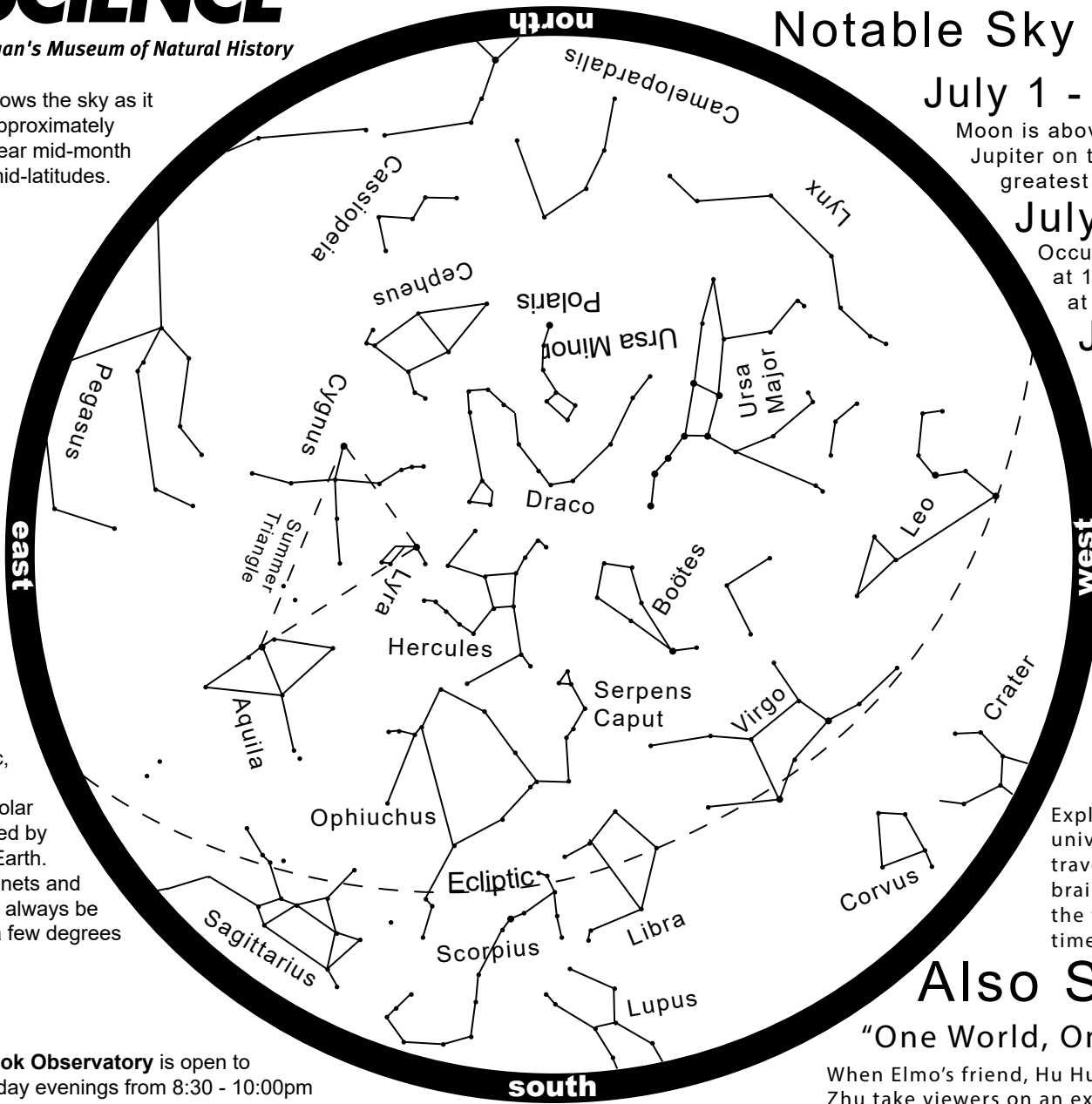


JULY 2024

Notable Sky Happenings



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 1 - 7

Moon is above Mars on the 1st (E predawn) and to the left of Jupiter on the 3rd (ENE predawn). Earth is at aphelion (its greatest distance from the Sun) on the 5th.

July 8 - 14

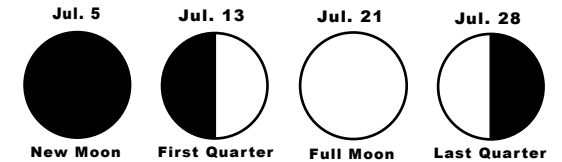
Occultation of Spica by the Moon on the 13th; starts at 11:14pm 15.5 degrees above SW horizon, ends at 12:25am 3.5 degrees above WSW on the 14th.

July 15 - 21

The Moon is to the left of Antares on the 17th (S evening). July 20 is the 55th anniversary of the first manned landing on the Moon.

July 22 - 31

Moon is at the lower right of Saturn on the 24th (S predawn). The Delta-Aquarid Meteor shower peaks on the night of the 28th-29th.



Now Showing

"Tales of a Time Traveler"

Explore ancient civilizations. Witness the birth of the universe. Journey to the edge of a black hole. Time travel surrounds us - from the biological clock in our brain to the history of life on Earth to the lives of stars, the time scale of the Big Bang, and the distortion of time by gravity. Narrated by David Tennant.

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.

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