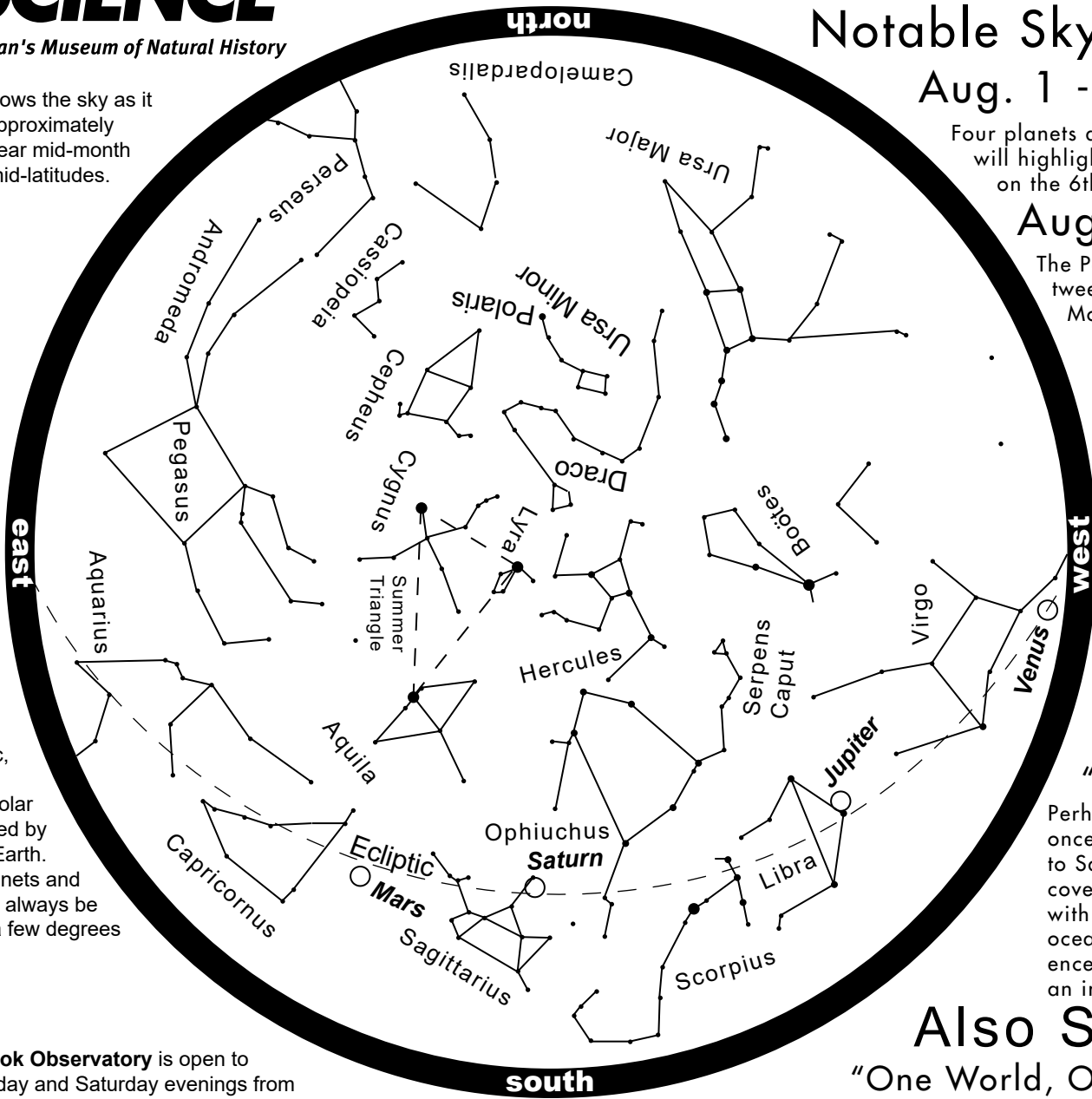


# AUGUST 2018

## 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 and Saturday evenings from 8:30 - 10:00pm EDT, and the first Sunday of the month from 1:00 - 4:00pm for solar viewing. Come have a look through our 6" telescope! For observatory information visit <http://science.cranbrook.edu/explore/observatory>

Aug. 1 - 7

Four planets are visible in the evening sky this month. The Moon will highlight each. The bright star to the lower left of the Moon on the 6th is Aldebaran, the "eye" of Taurus (E predawn).

Aug. 8 - 14

The Perseid meteor shower peaks on the 12th & 13th between midnight and dawn. Expect 50-60 per hour. The Moon is above Venus on the 14th (WSW eve. twilight)

Aug. 15 - 21

The Moon is to the right of Jupiter on the 16th (SW eve.) and to the right of Saturn on the 20th.

Aug. 22 - 31

The Moon is to the upper right of Mars on the 22nd and the upper left on the 23rd (SSE eve.).



## Now Showing

### "Saturn: Jewel of the Heavens"

Perhaps the most elegant planet in our solar system, once place of mystery, the Cassini-Huygens mission to Saturn unveiled worlds of vibrant wonder. Discover the mystery of Saturn's rings, explore moons with atmospheres and lakes and even frozen over oceans blowing geysers into space. See the differences in the makeup of the bodies around Saturn, an interacting system of gas giant and moons.

## 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>