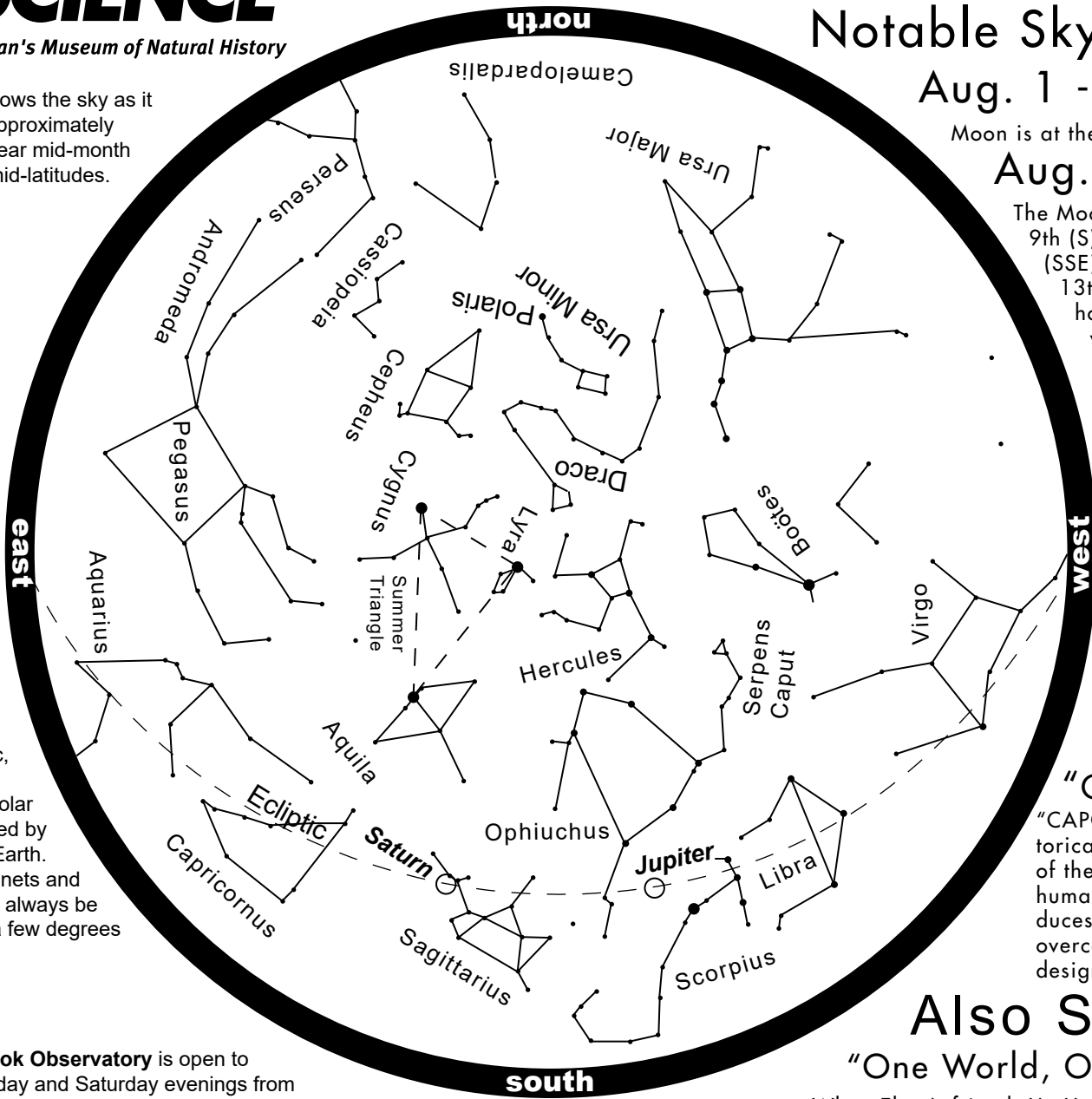


AUGUST 2019

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

Moon is at the upper right of Spica the evening of the 5th (WSW).

Aug. 8 - 14

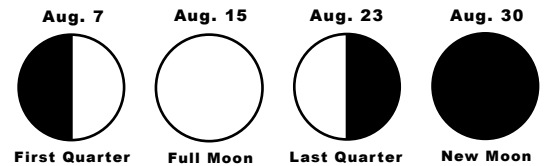
The Moon is at the upper left of Jupiter the evening of the 9th (S) and to the right of Saturn the evening of the 11th (SSE). The Perseid meteor shower peaks on the 12th & 13th between midnight and dawn. Expect 50-60 per hour. Unfortunately this year the nearly full moon will block out most of the fainter meteors.

Aug. 15 - 21

The orange star below and to the right of Jupiter all month is Antares, the "heart" of Scorpius.

Aug. 22 - 31

The Moon is to the upper left of Aldebaran in Taurus before dawn on the 24th (SE).



Now Showing

"CAPCOM GO! The Apollo Story"

"CAPCOM GO! The Apollo Story" is an immersive, historical documentary that showcases the achievements of the Apollo program and what it took to put the first humans on the Moon 50 years ago this month. It introduces a new generation to the immense challenges they overcame and will inspire them to become the explorers, designers, engineers, thinkers and dreamers of the future.

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>