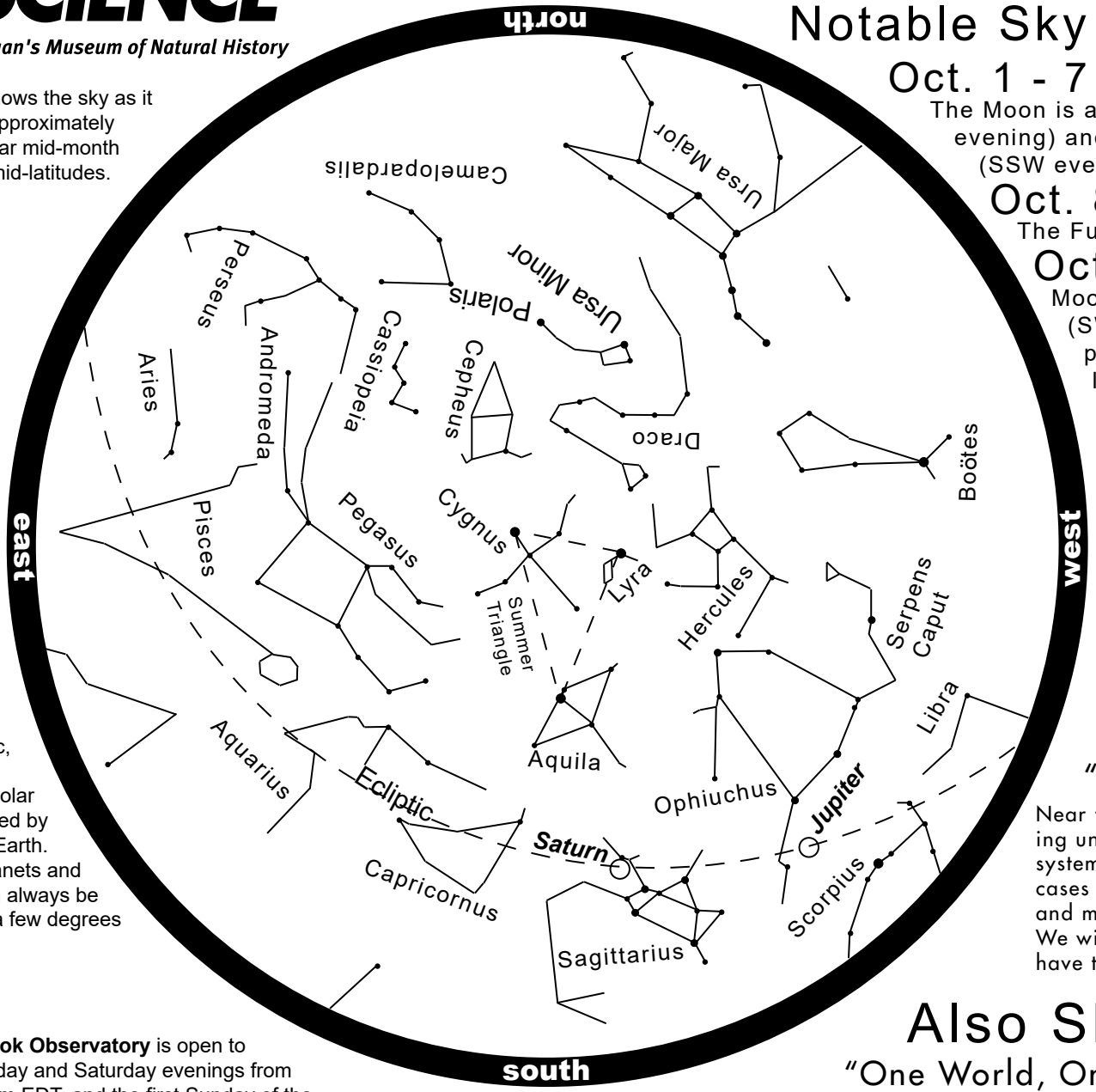
CRANBROOK INSTITUTE OF SCIENCE

Michigan's Museum of Natural History

OCTOBER 2019

Notable Sky Happenings

This chart shows the sky as it appears at approximately 8pm 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

Oct. 1 - 7

The Moon is at the upper left of Jupiter on the 3rd (SW evening) and at the lower left of Saturn on the 5th (SSW evening).

Oct. 8 - 14

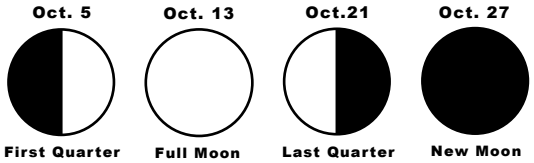
The Full Moon on the 13th is the Hunters' Moon.

Oct. 15 - 21

Moon is to the right of Aldebaran on the17th (SW predawn). The Orionid meteor shower peaks on the night of the 21st-22nd, but light from the Moon will interfere with seeing the fainter meteors.

Oct. 22 - 31

The Moon is above Regulus on the 23rd (E predawn) and at the upper left of Jupiter on the 31st (SW evening).



Now Showing

"Robot Explorers"

Near the end of the twentieth century, we began launching unmanned probes into the far reaches of the solar system. What they discovered was amazing and in some cases unexpected. New space missions are underway, and many of these robust spacecraft are still operational. We will pay tribute to these robots and learn what they have taught us about our solar system.

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