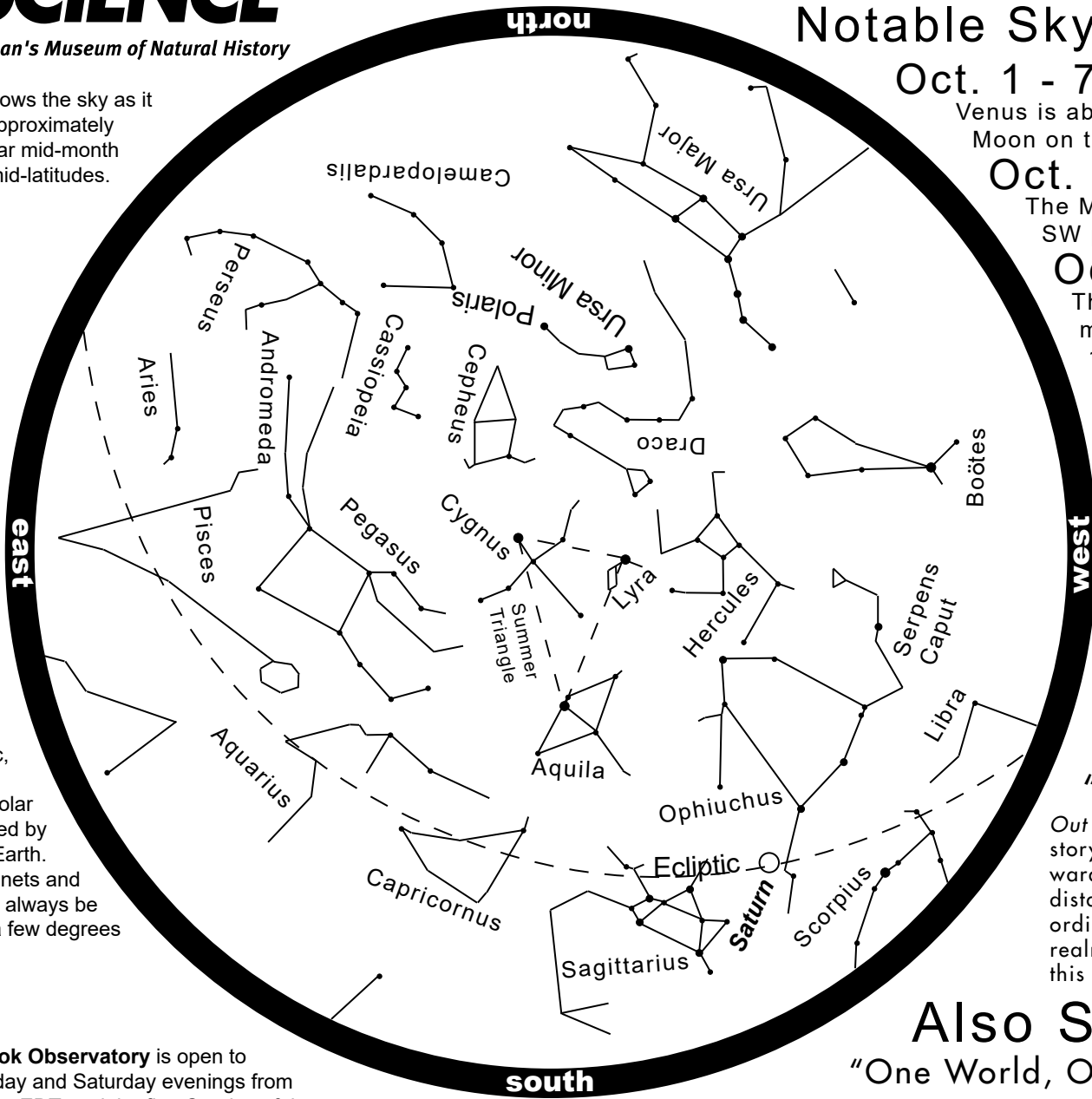


# OCTOBER 2017

## 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.

### Oct. 1 - 7

Venus is above Mars on the 4th (E predawn). The Full Moon on the evening of the 5th is the Harvest Moon.

### Oct. 8 - 14

The Moon is to the lower right of Aldebaran in the SW predawn sky on the 9th.

### Oct. 15 - 21

The Moon will pass in front of Regulus the morning of the 15th from 5:40 to 6:31. On the 17th the Moon is to the left of Mars; Venus is below (E predawn). Orionid meteor shower peaks in the predawn hours of the 21st.

### Oct. 22 - 31

The Moon is to the right of Saturn in the SW the evening of the 23rd and to the upper left the following evening.



## Now Showing

### "Out There"

*Out There* — *The Quest for Extrasolar Worlds* tells the story of how human curiosity has driven us to look outwards for millennia, to discover and explore new and distant worlds and to find the unfamiliar and extraordinary forms of life that could exist in the mysterious realms of the Universe. It will transport viewers from this world to entirely new and foreign ones.

## 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>

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>