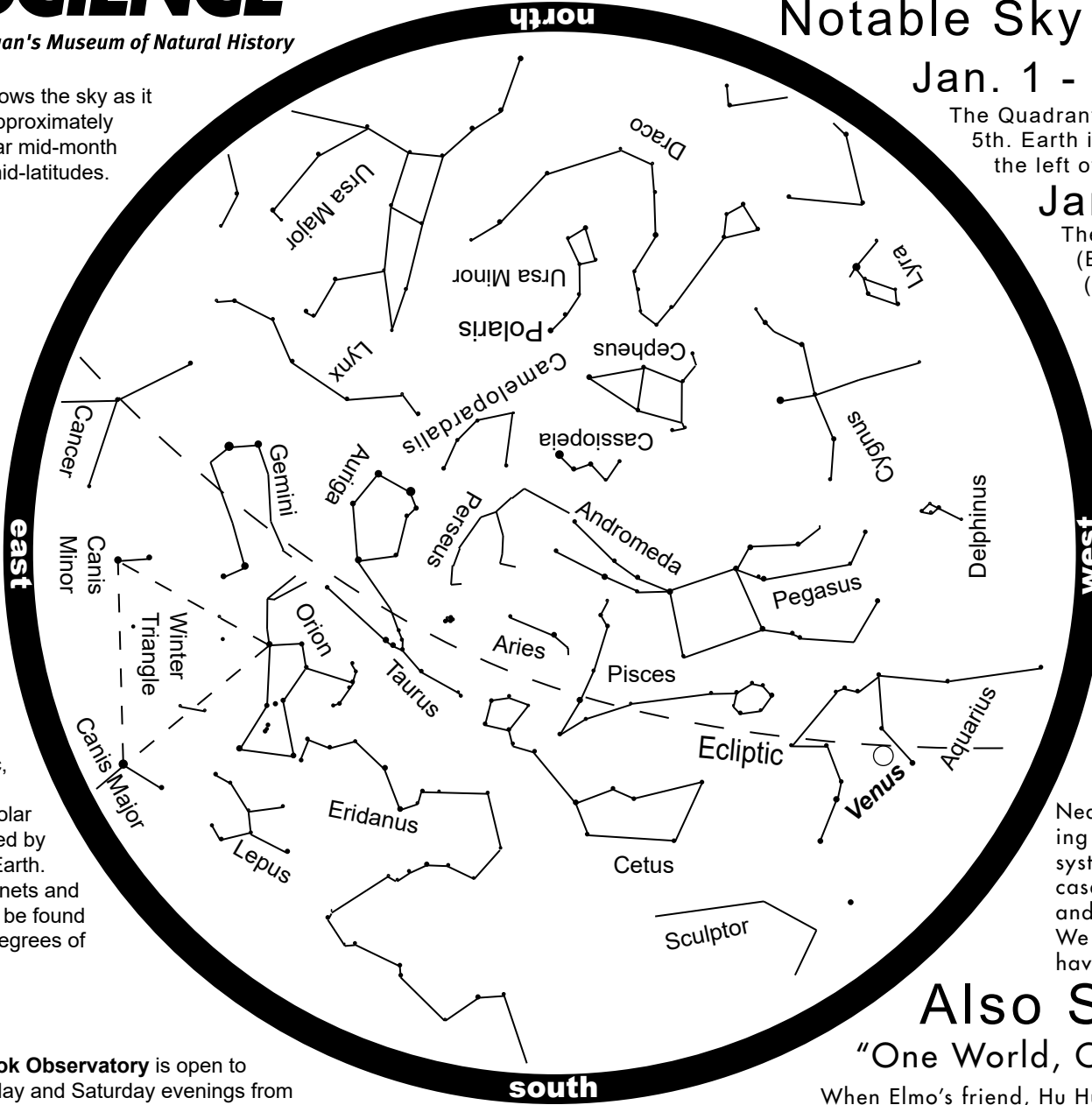


JANUARY 2020

Notable Sky Happenings



This chart shows the sky as it appears at approximately 7pm EST 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 be found within a few degrees of this plane.

The Cranbrook Observatory is open to the public Friday and Saturday evenings from 7:30 - 10:00pm EST, 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>

Jan. 1 - 7

The Quadrantid Meteor Shower peaks on the night of the 3rd-5th. Earth is closest to the Sun on the 5th. The Moon is to the left of Aldebaran on the 7th (E evening).

Jan. 8 - 14

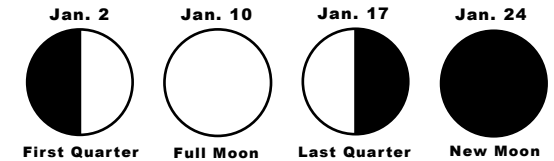
The Moon is at the lower right of Pollux on the 10th (E evening). Mars is above Antares on the 12th (SE predawn). The Moon is upper right of Regulus on the 13th (W predawn).

Jan. 15 - 21

Moon is upper left of Spica on the 17th (S morn) and upper right of Mars on the 20th (SSE).

Jan. 22 - 31

The bright star above the Moon on the 27th is Venus (SW evening). The Moon is upper left of Venus on the 28th.



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>