



Notable Sky Happenings

Jan. 1 - 7

The Moon is to the left of Mars on the 3rd (SSE evening). The Quadrantid Meteor Shower peaks on the night of the 3rd-4th. Earth is closest to the Sun for the year on the 4th.

Jan. 8 - 14

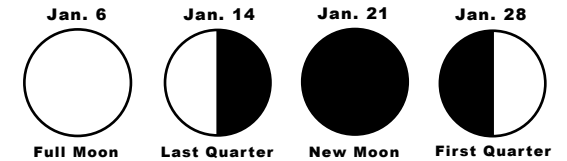
The Moon is above and to the right of Spica on the 14th and to the left on the 15th (S predawn).

Jan. 15 - 21

The Moon is to the left of Antares, the "heart" of Scorpius, on the 18th (SE predawn).

Jan. 22 - 31

Venus is to the left of Saturn on the 22nd (WSW evening twilight - use binoculars). Moon is below Jupiter on the 25th (SW evening), and to the right of Mars in the southeast the evening of the 30th.



Now Showing

"Forward to the Moon"

We're ready to start a new chapter in the history of human exploration and take our first steps towards a permanent presence on the Moon. NASA's 21st century Artemis program, named after the Greek Moon Goddess and twin of Apollo, is the next step in our mission to explore the universe. A Moon base will be the launching pad for the next target: the planet Mars.

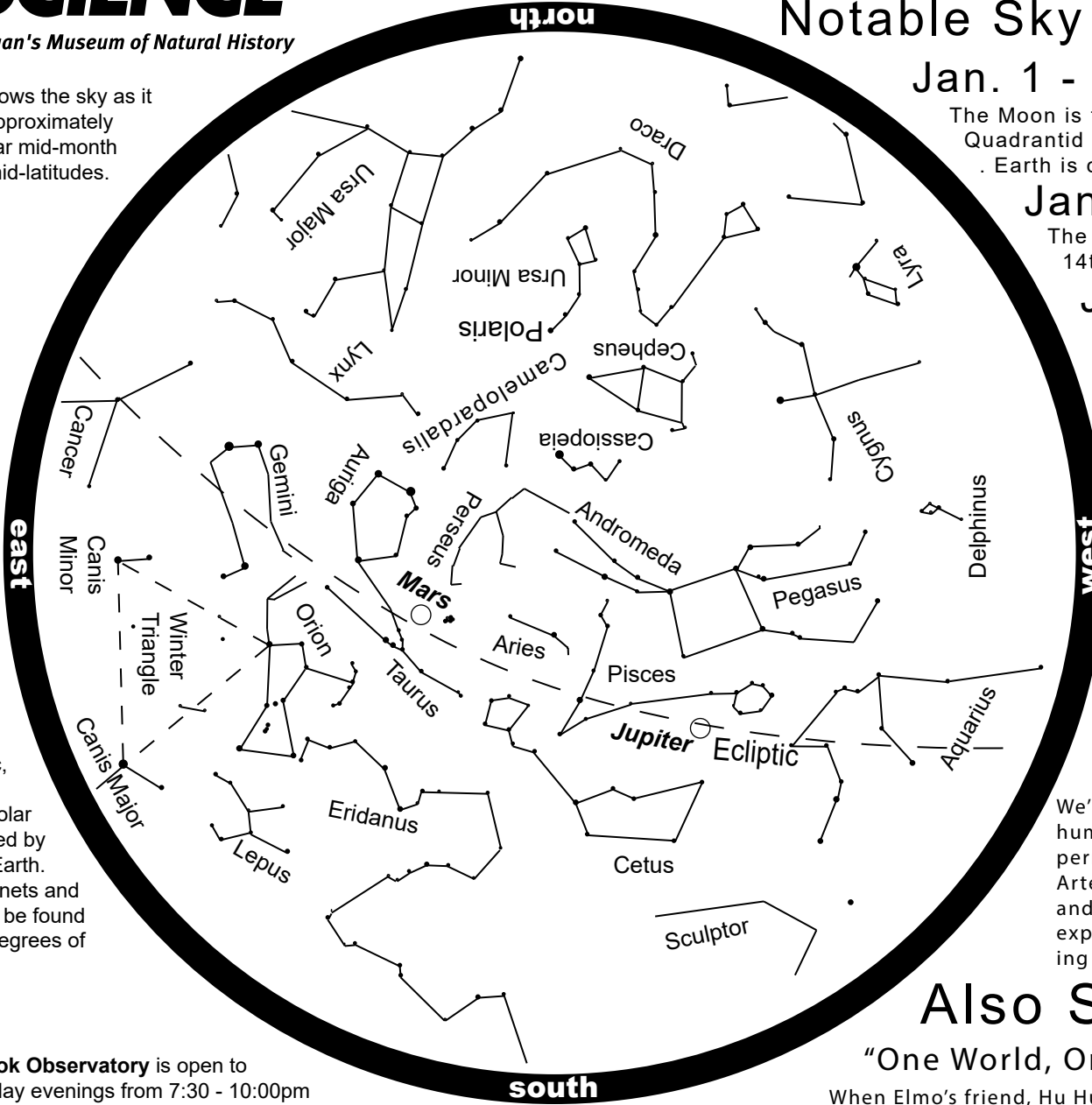
Also Showing

"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>

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 evenings from 7:30 - 10:00pm EST, and the first Sunday of the month from 1:00 - 4:00pm for solar viewing.

For observatory information visit <http://science.cranbrook.edu/explore/observatory>