

SEPTEMBER 2024

Notable Sky Happenings

Sep. 1 - 7

Pioneer 11 encountered Saturn 45 years ago on the 1st. Saturn is at opposition on the 7th rising in the east as the Sun sets in the west.

Sep. 8 - 14

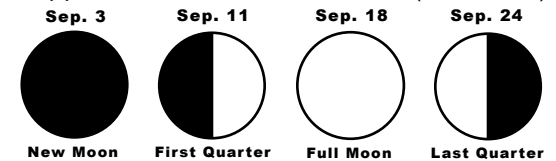
Moon is at the lower right of Antares on the 9th and to the left on the 10th (SSW evening).

Sep. 15 - 21

The Moon is to the right of Saturn on the 16th (SE evening) and there's an unimpressive partial lunar eclipse. Partial phase begins at 10:13pm EDT, maximum is at 10:44 (only 8% of the Moon is covered), ends at 11:15pm.

Sep. 22 - 30

Sep. (Autumnal) Equinox is at 8:44am EDT on the 22nd. Moon above Jupiter on the 23rd & upper left of Mars on the 25th (SE morn.).



Now Showing

"Tales of a Time Traveler"

Explore ancient civilizations. Witness the birth of the universe. Journey to the edge of a black hole. Time travel surrounds us - from the biological clock in our brain to the history of life on Earth to the lives of stars, the time scale of the Big Bang, and the distortion of time by gravity. Narrated by David Tennant.

Also Showing

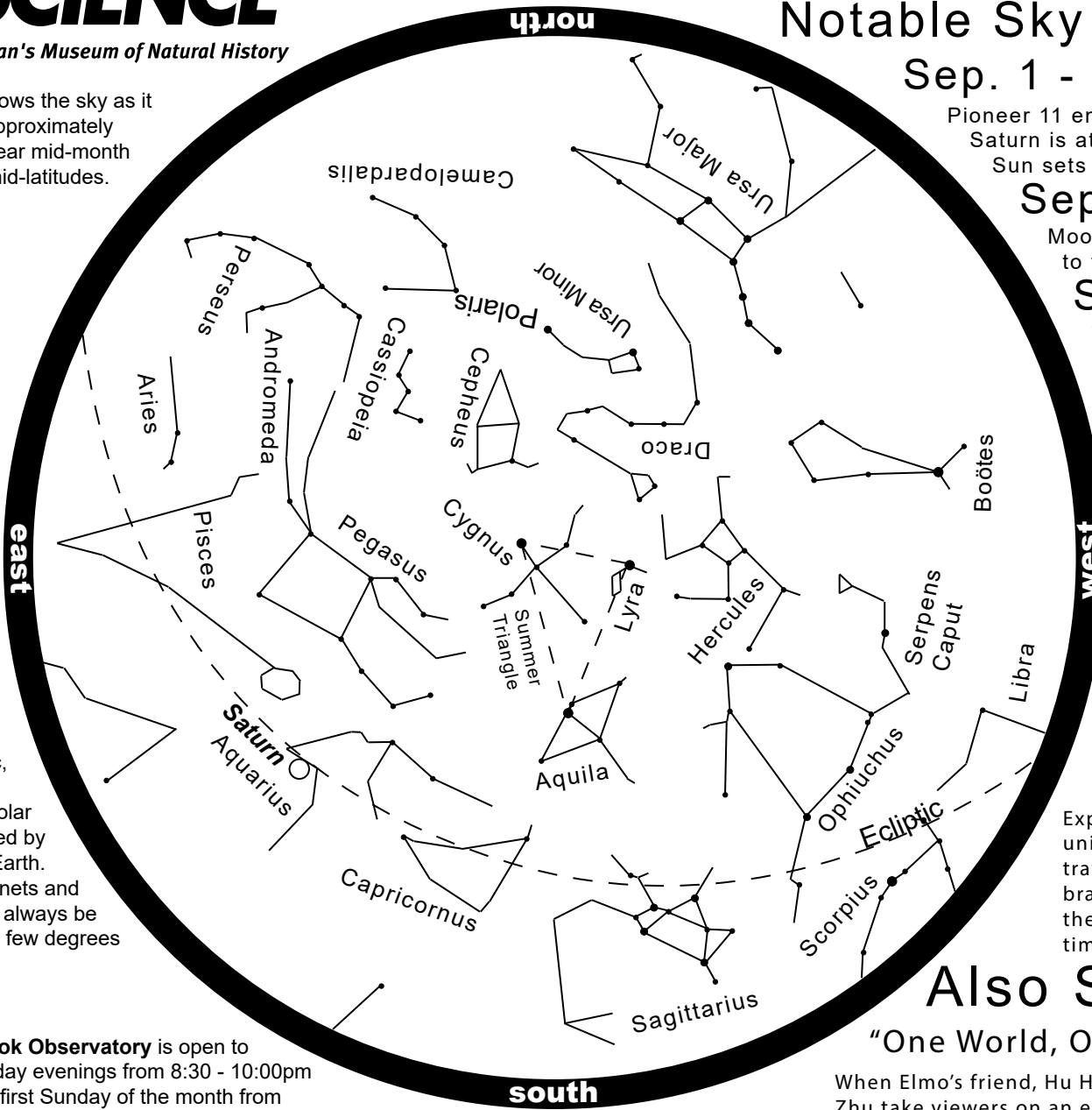
"One World, One Sky: Big Bird's Adventure"

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 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 evenings from 8:30 - 10:00pm EDT, 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>