



## Notable Sky Happenings

Jan. 1 - 7

Earth is at perihelion (closest to the Sun) and the Moon is to the left of Jupiter on the 3rd (ENE evening). The Quadrantid Meteor Shower peaks on the evening of the 3rd-4th. Moon is to the right of Regulus on the 6th (SW morning).

Jan. 8 - 14

Jupiter is at opposition on the 10th and it's brightest for the year (E evening). Moon is to the right of Spica on the 10th (S morning) and to the right of Antares on the 14th (SE morning).

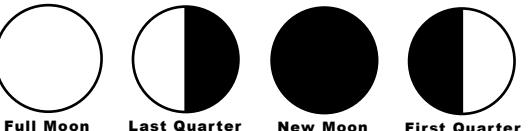
Jan. 15 - 21

If you have a 4-inch or larger telescope, look for Jupiter's Great Red Spot the evening of the 16th. Jupiter's the bright "star" in the E.

Jan. 22 - 31

The Moon is at the lower right of Saturn on the 22nd and above Saturn on the 23rd (WSW evening). The Moon is at the upper left of Jupiter on the 30th (E evening).

Jan. 3 Jan. 10 Jan. 18 Jan. 25



## Now Showing

"Unseen Universe"

For millions of years our view of the heavens has been limited by our eyes; allowing us to only see a narrow band of electromagnetic radiation we call visible light. We now have the technology to capture the Universe over an amazing width of the spectrum and beyond. Unseen Universe provides a stunning visual treat as we explore the latest splendors of the heavens.

## Also Showing

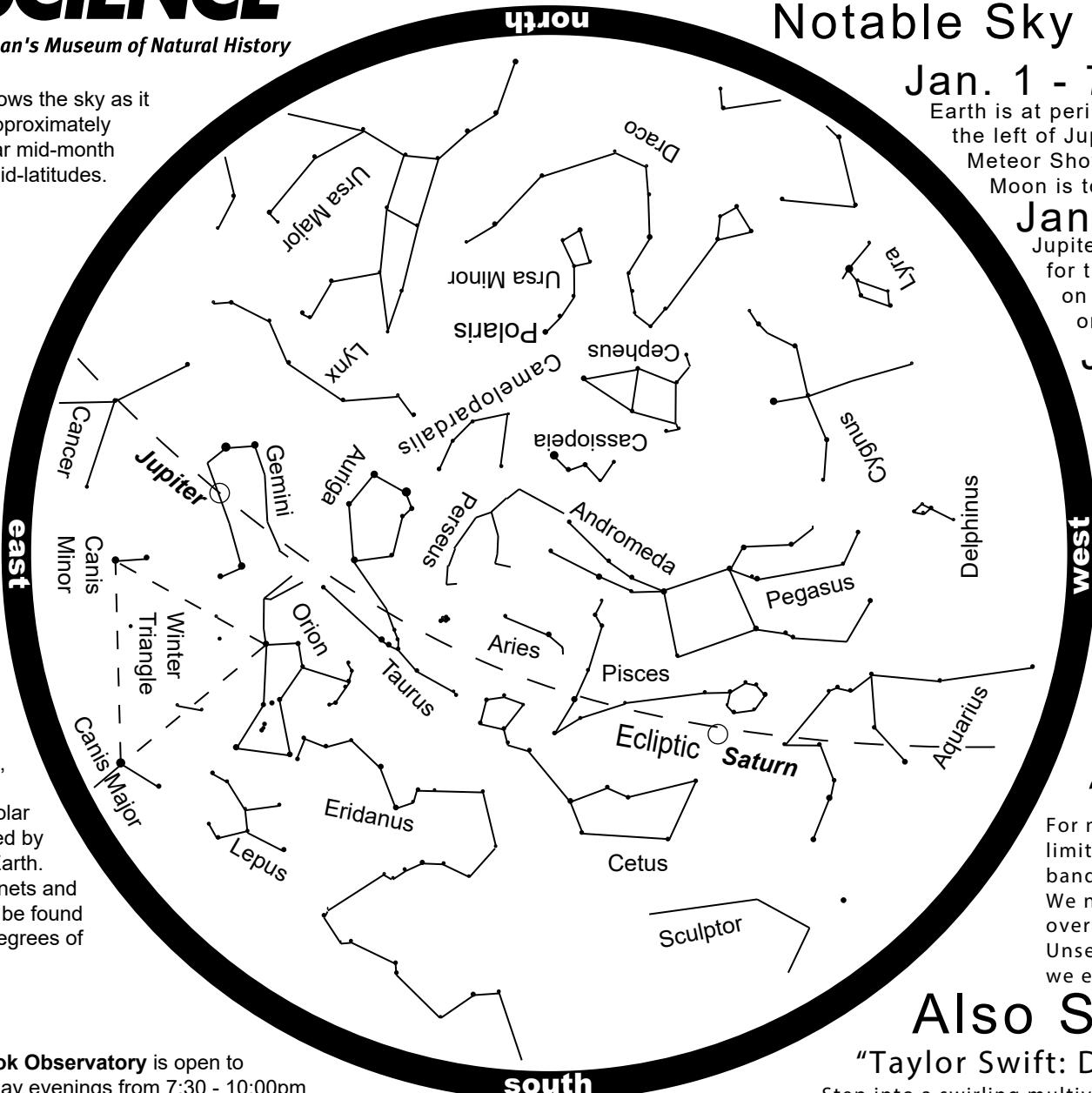
"Taylor Swift: Dimensions"

Step into a swirling multiverse where mathematics and music collide in Taylor Swift: Dimensions—a stunning planetarium experience of breathtaking 360° visuals. From the tender acoustics of "Cardigan" to the electric energy of "Ready For It?" and the fun vibes of "Cruel Summer."

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

## Michigan's Museum of Natural History

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>