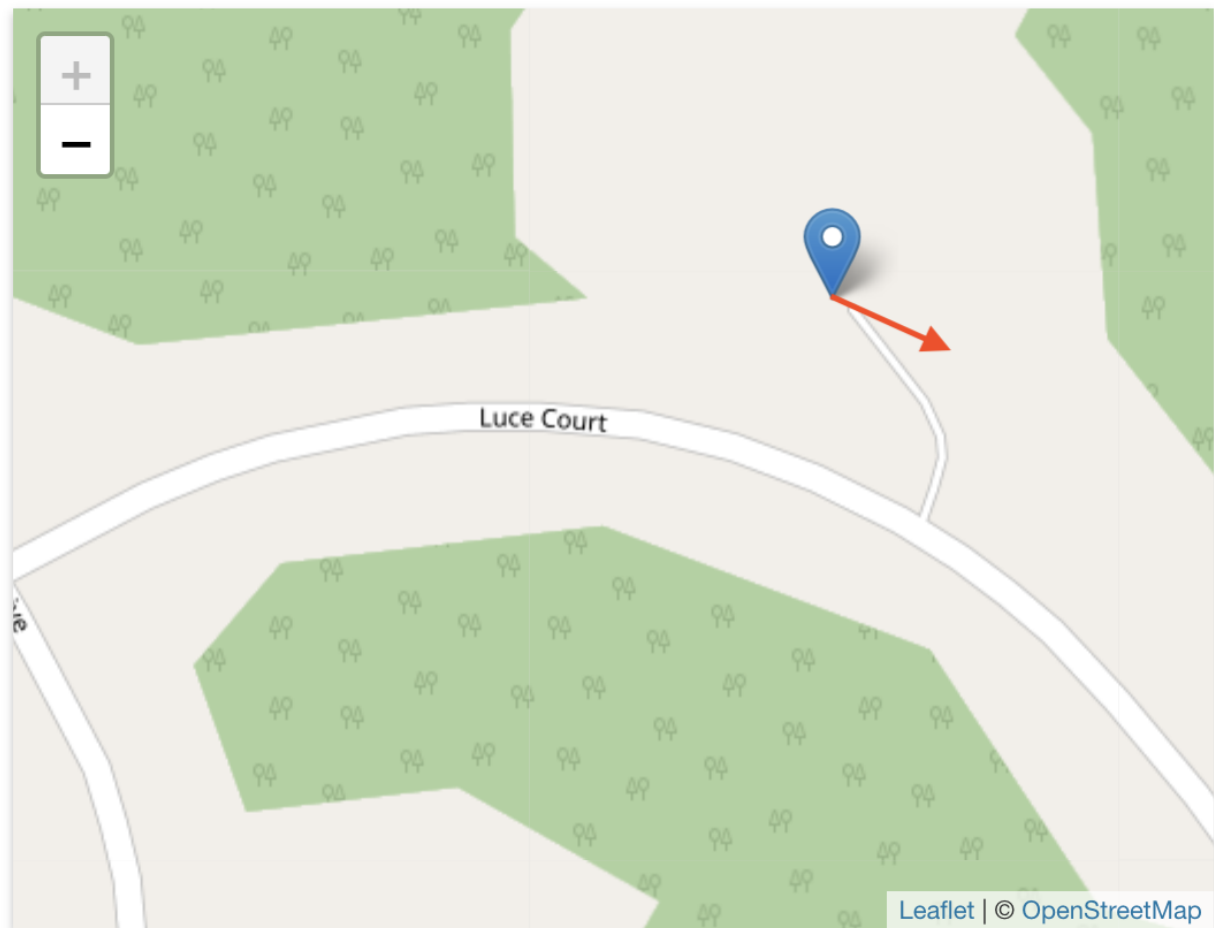


Observational Assignment 2

Moon

Observation Info



Lat Long

(40.738880, -74.707703)

- Location: (40.738880, -74.707703)
- Date: 04/22/2024
- Time: 10:30 PM - 11:30 PM

Moon Simulation

During the observation it was actually a **waxing gibbous**. However, being that it was one day away from being a **full moon** I will use the full moon simulation.

Lunar Phase Simulator

Reset Help About

Sunlight

Animation and Time Controls

Increment animation:

Day:

-

+

Hour:

-

+

Minute:

-

+

Diagram Options

☐ Show angle

☐ Show lunar landmark

☐ Show time tickmarks

Start Animation

Animation rate:

Moon Phase

Full Moon

100% illuminated

Time since new moon: 14 days, 18 hours

Hide

Horizon Diagram

Observer's local time: 12:00 PM

Hide

As you can see, the moon is directly opposite the sun. This is why the moon is fully illuminated. The light from the sun is reflecting off the moon and back to us on Earth.