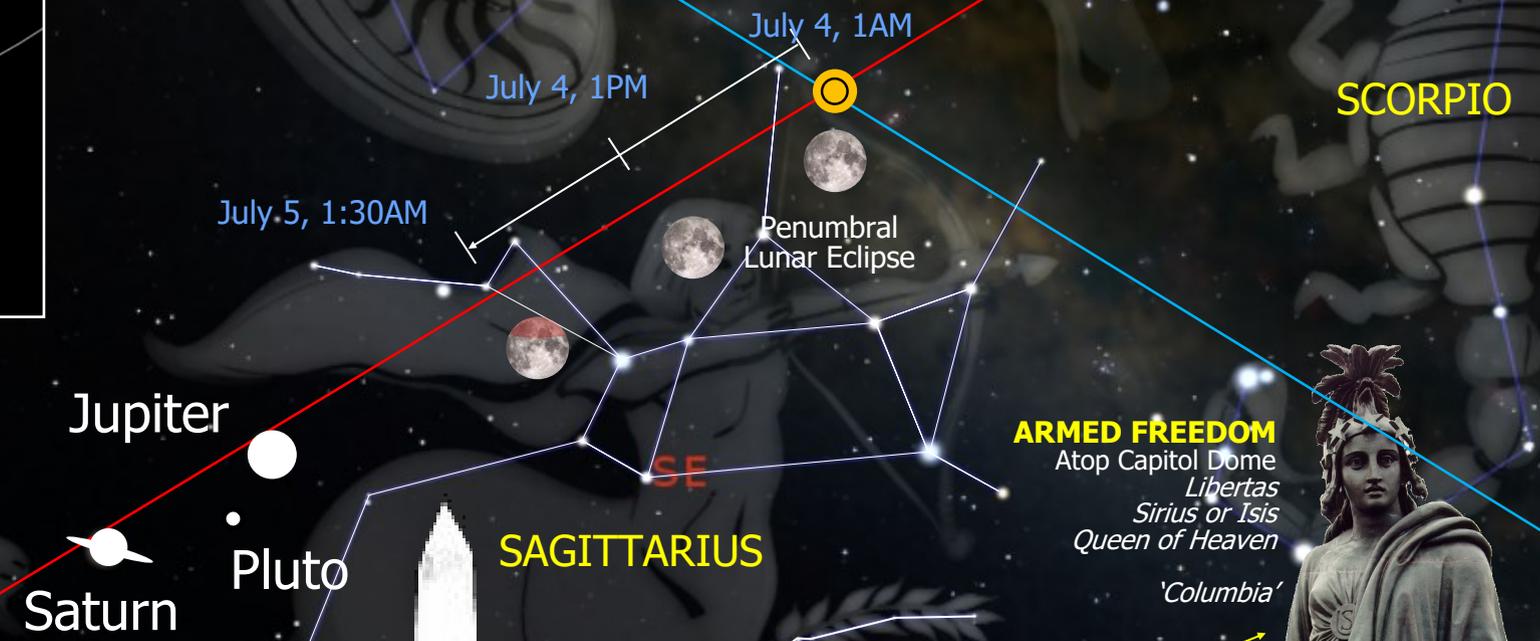
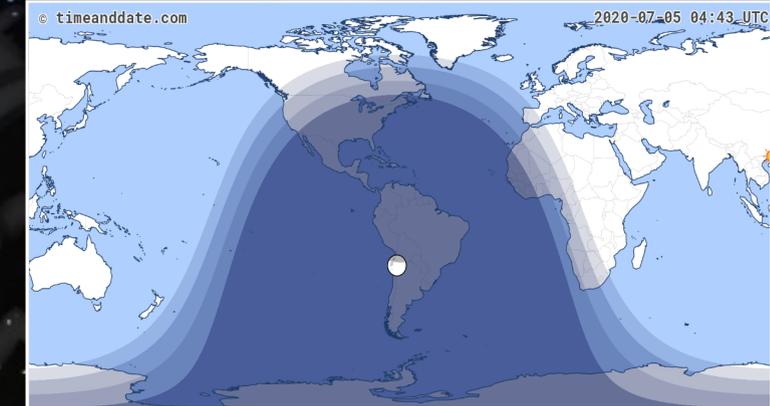
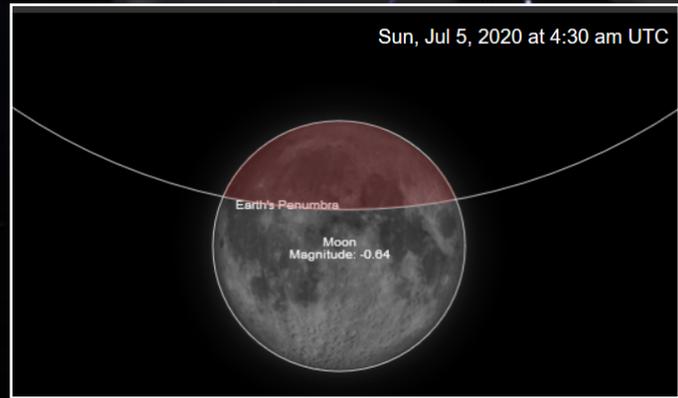


# INDEPENDENCE DAY ECLIPSE

## DISTRICT OF COLUMBIA'S RISE OF SAGITTARIUS

The purpose of this study is to illustrate the Penumbral lunar eclipse of July 4-5, 2020. The illustration will approximate the trajectory the eclipse will take on the night of July the 4th. What is peculiar about this eclipse is that it takes place on the Independence Day, July 4th of the United States. The date itself would have not been that much of a deal-in that it happens to be in the same hemisphere and longitude as the Republic's capital, Washington, D.C., i.e., the District of Columbia. The partial lunar eclipse is not a spectacular one in comparison to the January 20, 2019 one that was a total Blood Moon over Washington D.C. as well. That Blood Moon was the 3rd of a Triad series that started in 2018. Interestingly the 1st and 3rd ones occurred on the 'New Years of Trees', a Jewish religious holiday.

### THE GOLDEN GATE Gate of GOD



Washington, District of Columbia, United States on Sunday, July 5, 2020. This lunar eclipse is related to two partial solar eclipses of Solar Saros 156. (Local time America/New York) Moonrise to moonset 14h28m Moonrise 20:29 Moonset 06:01 Distance to the center of the Sun 152,099,101 km Distance to the center of Earth 381,554 km Moon illumination (at midnight) 100% Lunar phase full moon. A lunar eclipse will be preceded and followed by solar eclipses by 9 years and 5.5 days (a half saros).

- Washington DC, District of Columbia, USA
- Saros cycle 149.
- Penumbral lunar eclipse visible
- Magnitude: -0.6438
- Duration: 2 hours, 44 minutes, 58 seconds
- Penumbral begins: July 4 at 11:07:23 pm
- Maximum: July 5 at 12:29:51 am
- Penumbral ends: July 5 at 1:52:21 am

CAPRICORN

Corona Australis

Galactic

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