

The Moon

A Natural Satellite

The Moon is the only natural satellite of the Earth, and the fifth largest satellite in the Solar System. It is the largest natural satellite of a planet in the Solar System relative to the size of its primary, having a quarter the diameter of Earth but only $\frac{1}{81}$ its' mass.



The Moon as seen from Ottawa.

You can learn more about the moon landings [here](#).

Statistics About the Moon

- **Semi-major axis:** 384,399 km
- **Orbital period:** 27.321582 days
- **Average orbital speed:** 1.022 km/s
- **Mean radius:** 1,737.10 km
- **Surface area:** $3.793 \times 10^7 \text{ km}^2$
- **Volume:** $2.1958 \times 10^{10} \text{ km}^3$
- **Mass:** $7.3477 \times 10^{22} \text{ kg}$

The Apollo Moon Landings

1. **Apollo 11** July 20, 1969
2. **Apollo 12** November 19, 1969
3. **Apollo 14** February 4, 1971
4. **Apollo 15** July 30, 1971
5. **Apollo 16** April 20, 1972
6. **Apollo 17** December 11, 1972