

Louisiana PASS



Moon image courtesy of NASA.

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[Blue Moon](#)

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Earth's Moon

Have you ever wished for more time in a day? Days on Earth are getting longer. The Moon's gravitational effect on the Earth's ocean tides is slowing down the Earth's rotation, which increases the length of days on Earth. The increase is so small that you might never have noticed—only 1.5 milliseconds per century.

More facts about the Moon:

- The Moon is 384,400 kilometers from Earth, or 238,866 miles.
- The only object in the sky that is brighter than the Moon is the Sun.
- The Moon is the fifth largest natural satellite in our solar system. It is also Earth's only natural satellite.
- On the Moon, your weight is only about 17% of what it is here on Earth. If you weigh 100 pounds on Earth, your weight on the Moon would be nearly 17 pounds.

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