

SATURN

Jewel of Our Solar System

Distance From Sun

930.786 Mil

Length Of Year

10,759 Earth Days

One Way Light Time

To The Sun

83.277 Mins



Planet Type

Gas Giant

10 Need-to-Know Things About Saturn

1

A COLOSSAL PLANET

Nine Earths side by side would almost span Saturn's diameter. That doesn't include Saturn's rings.

2

IN DIM LIGHT

Saturn is the sixth planet from our Sun (a star) and orbits at a distance of about 886 million miles (1.4 billion kilometers) from the Sun.

3

SHORT DAY, LONG YEAR

Saturn takes about 10.7 hours (no one knows precisely) to rotate on its axis once—a Saturn "day"—and 29 Earth years to orbit the sun.

4

GAS GIANT

Saturn is a gas-giant planet and therefore does not have a solid surface like Earth's. But it might have a solid core somewhere in there.

5

HOT AIR

Saturn's atmosphere is made up mostly of hydrogen (H₂) and helium (He).

6

MINI SOLAR SYSTEM

Saturn has 53 known moons with an additional 29 moons awaiting confirmation of their discovery—that is a total of 82 moons.

7

GLORIOUS RINGS

Saturn has the most spectacular ring system, with seven rings and several gaps and divisions between them.

8

RARE DESTINATION

Few missions have visited Saturn: Pioneer 11 and Voyagers 1 and 2 flew by; But Cassini orbited Saturn 294 times from 2004 to 2017.

9

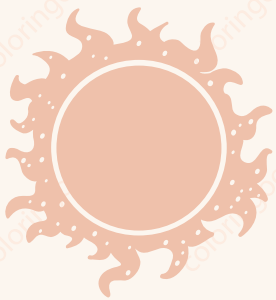
LIFELESS BEHEMOTH

Saturn cannot support life as we know it, but some of Saturn's moons have conditions that might support life.

10

ADD A DASH OF EARTH

About two tons of Saturn's mass came from Earth—the Cassini spacecraft was intentionally vaporized in Saturn's atmosphere in 2017.



Source: nasa.gov