

# average surface temperature of saturn

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## Solar System Temperatures - NASA Science

Temperatures for the gas and ice giants (Jupiter, Saturn, Uranus, and Neptune) are taken from a level in the atmosphere equal in pressure to sea level on Earth. This graphic shows the mean temperatures of various destinations in our solar system.

## Saturn's Temperature: One Cool Planet | Space

With an average temperature of minus 288 degrees Fahrenheit (minus 178 degrees Celsius), Saturn is a pretty cool planet. Although there are some small differences as one travels from the equator...

## Saturn's Temperature Ranges - Sciencing

On the surface, Saturn's average temperature varies from about -185 degrees Celsius (-300 degrees Fahrenheit) to -122 C (-188 F). The temperature variation is due to the planet's internal processes, not the sun.

## What is the Average Temperature on Planet Saturn Day and Night in ...

The average temperature on Saturn ranges from minus 280 degrees Fahrenheit (minus 173 degrees Celsius) to minus 290 degrees Fahrenheit (minus 179 degrees Celsius). These temperatures make Saturn one of the coldest planets in our solar system.

## Saturn: Definition, Moons, Color, Distance, Facts

Saturn's surface temperature varies from -185°C (-300°F) to -122°C (-188°F), driven by internal processes rather than solar heating. The atmosphere of Saturn has an average temperature of -175°C (-285°F).

## The Surface Temperature of Saturn: A Closer Look - liveup.nz

The average surface temperature of Saturn is around -288 degrees Fahrenheit (-178 degrees Celsius). This extreme cold is due to Saturn's distance from the Sun and its lack of internal heat sources.

## Temperature on Saturn: Planet Saturn's Climate ... - Planet Facts

The planet is surrounded by clouds, with the upper layer composed of ammonia ice clouds and

where temperatures can reach as low as  $-250^{\circ}\text{C}$ . Below this layer is a lower deck of ammonium hydro-sulfate clouds, with average temperatures rising to  $-70^{\circ}\text{C}$ .

## **What is the average surface temperature of Saturn? - Answers**

Saturn's average surface temperature is a frigid  $-288$  degrees Fahrenheit ( $-178$  degrees Celsius). The planet does not have a solid surface like Earth but rather a thick atmosphere made mostly of...

## **What is the Temperature on Saturn, and Does it Have Seasons?**

Saturn's average temperature hovers around  $-218^{\circ}\text{F}$  ( $-138^{\circ}\text{C}$ ). The planet's maximum temperature of  $21,000^{\circ}\text{F}$  ( $11,700^{\circ}\text{C}$ ) is reached at the heart of its interior, the further outwards one travels from there, the cooler it becomes.

## **Is It Cold on Saturn? Explaining the Planet's Extreme Temperatures**

The visible regions of Saturn, specifically its cloud tops, experience extremely cold temperatures. Measurements indicate the average temperature in these upper cloud layers is approximately  $-288^{\circ}\text{F}$  ( $-178^{\circ}\text{C}$ ).