

Saturn, the sixth planet from the sun, is known for its beautiful ring system and its numerous moons. As of 2021, a total of 82 moons have been confirmed to orbit Saturn, with many more awaiting confirmation. These moons range in size from tiny moonlets less than a kilometer across to massive moons larger than the planet Mercury.

One of the most notable moons of Saturn is Titan. At 5,150 km in diameter, it is the largest moon in the solar system and is even larger than the planet Mercury. Titan is known for its thick atmosphere, which is mostly composed of nitrogen, and for its methane lakes and rivers. It also has a diverse landscape, with mountains, dunes, and even a "magic island" that appears and disappears in one of its lakes.

Another notable moon is Enceladus. This small moon, only 505 km in diameter, is believed to have a subsurface ocean of liquid water, which is a key ingredient for life as we know it. Enceladus is also known for its geysers that spew water vapor and ice particles into space, which makes it one of the most active bodies in the solar system.

Another notable moon is Mimas. At 397 km in diameter, it is one of the smallest of Saturn's major moons. It is known for its large impact crater that makes it resemble the Death Star from Star Wars. It also has a heavily cratered surface and several large canyons.