

# Moons

## Titan compared with Triton

Features	Titan	Triton
Surface temperature / °C	-178	-235
Atmospheric pressure	1.5 bars	14 to 40 microbars
Atmospheric composition	N <sub>2</sub> , CH <sub>4</sub>	N <sub>2</sub> , CH <sub>4</sub> , CO
Clouds	Global smog, plus methane clouds observed by Cassini–Huygens	Nitrogen 'cirrus' clouds imaged by Voyager
Seasonal variations / liquid cycling	Seasonally variable lakes of methane plus ethane near the poles  Methane rainfall and evaporation	Southern ice cap (mainly nitrogen)  Atmospheric pressure variations  Condensation and sublimation of nitrogen-ice
Cryovolcanism	Evidence of cryovolcanic landscapes	Evidence of cryovolcanic landscapes
Plumes or geysers	None observed	Active during Voyager 2 flyby

**Footnote:** This table compares some of the characteristics of Titan and Triton.