+ES+

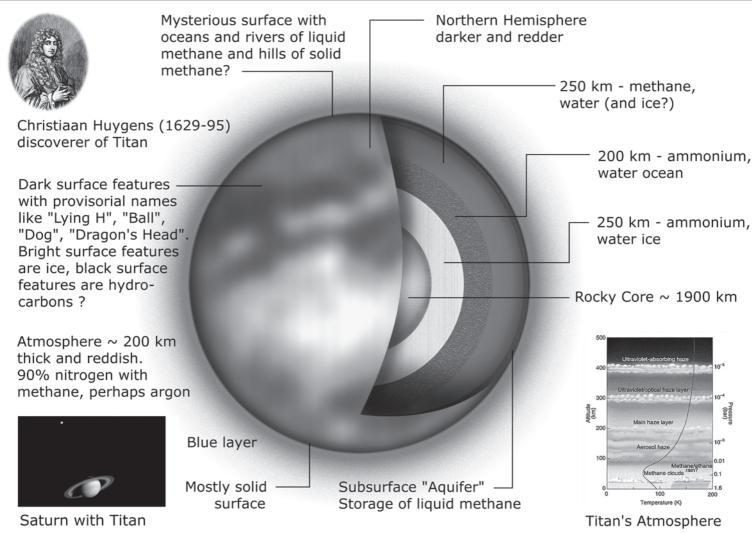


Summary Information Sheet

TITAN - Moon of Mysteries

Titan is the largest of Saturn's moons. It is the second-largest satellite in the solar system. Much larger than the planets Mercury and Pluto. Titan is the only moon with a substantial atmosphere.



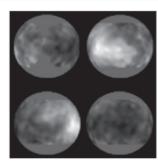




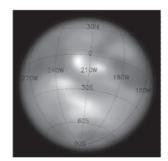
Titan seen with Voyager



Titan's limb



Titan seen with HST



Titan seen with the VLT

Physical Data

Property Distance from central body Rotation period Equatorial radius Mass Density

						_
Images:	ESO,	ESA,	NASA,	except	otherwise stat	ed

Titan1,221,7800 km 15,95 days 2575 km 1.35 x 10²³ kg 1881 kg/m³

For comparison

Moon	
384,000 km	
27 days 8 hrs	
1738 km	
$7.35 \times 10^{22} \text{kg}$	
3340 kg/m ³	

Mercury	
58 million km	
59 days	
2240 km	
3.30×10^{23} kg	
5430 kg/m ³	
Concept: B	Madkey

Concept: B. Mackowia