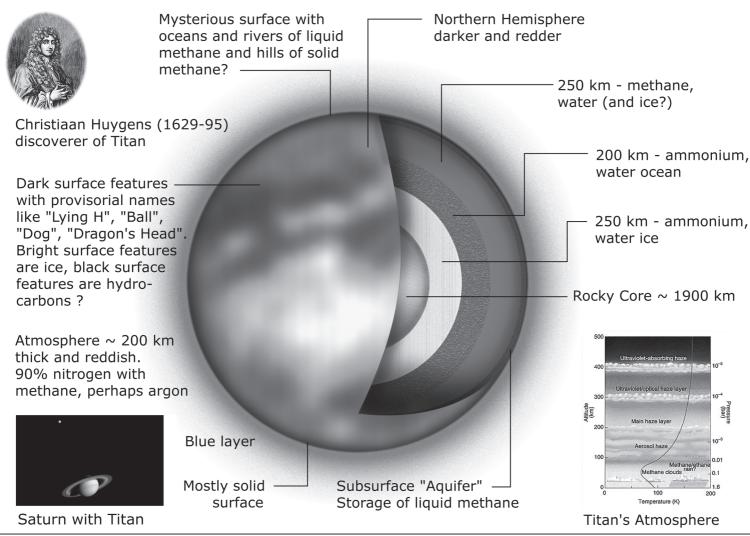


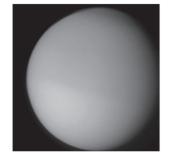
## Summary Information Sheet

# **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.



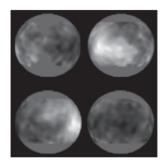




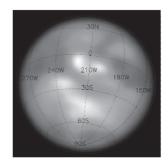
Titan seen with Voyager



Titan's limb



Titan seen with HST



Titan seen with the VLT

### **Physical Data**

# **Property** Distance from central body Rotation period Equatorial radius Mass

			Der	nsity	
nages:	ESO,	ESA,	NASA,	except otherwise stated	

Titan
1,221,7800 km
15,95 days
2575 km
$1.35 \times 10^{23}  \text{kg}$
1881 kg/m³

### For comparison

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

Mercury
58 million km
59 days
2240 km
$3.30 \times 10^{23}$ kg
5430 kg/m <sup>3</sup>
Concept: B. Mackey