



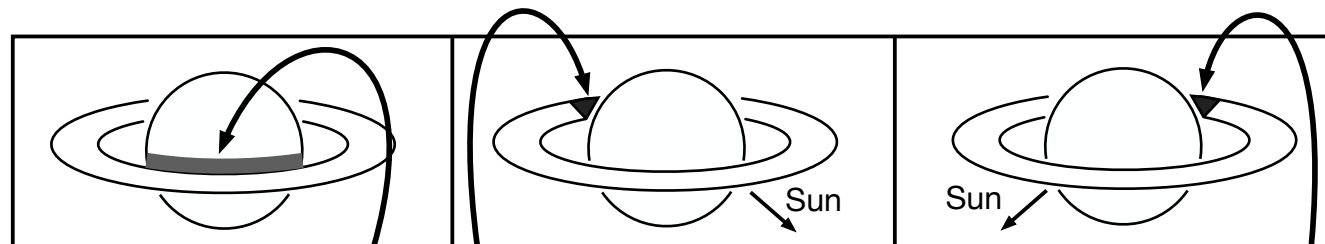
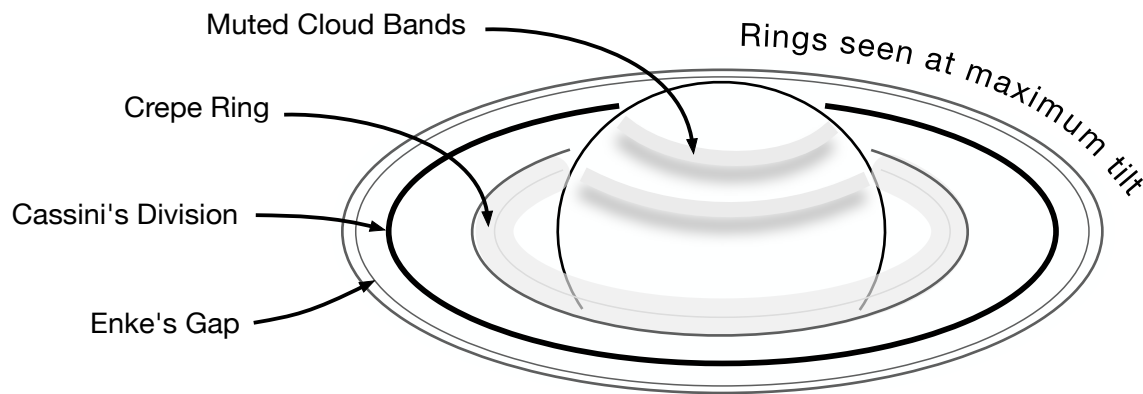
Saturn, the Ringed Planet



The "Oh! Wow!" Planet

Telescopic Aspects

As viewed through a small telescope at high magnification (>100x) under good seeing conditions



Ring Shadow on planet

Planet Shadow on Rings at eastern quadrature

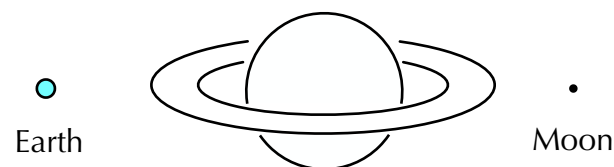
Planet shadow on Rings at western quadrature

Shadows

Brighter Moons of Saturn

Saturn's 5 largest moons can be seen through a 6 inch or larger telescope. Titan is easy to spot, but the others appear as faint pinpoints hovering around the planet.

		Diameter (miles)	Maximum Magnitude
	Titan		
	<u>Moon</u>		
	Titan	3190	8.3
	Rhea	950	9.7
	Iapetus	910	10.2-11.9
	Dione	700	10.4
	Tethys	650	10.2



Comparative sizes and distances

Diameter of the planet: 72,000 miles
 Diameter of the ring system: 174,000 miles
 Earth-Moon separation: 238,000 miles