

Cosmic Connections: An Introduction to Astronomy And Maine's Magnificent Night Skies



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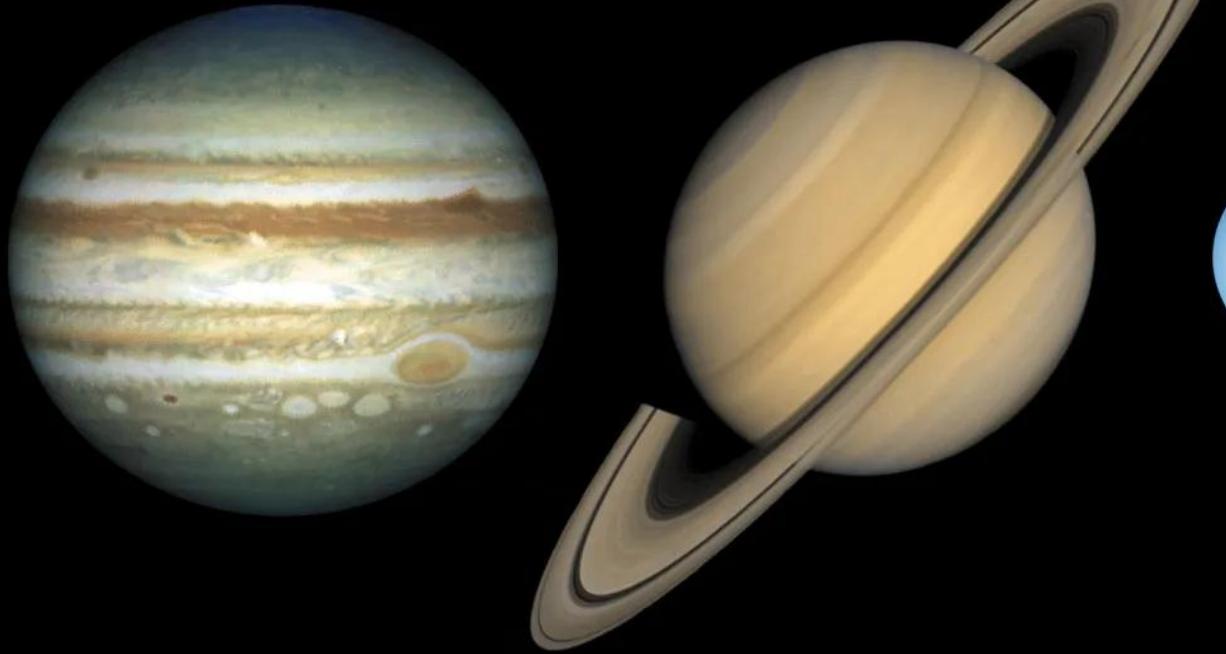
Unit 7

The Gas and Ice Giants

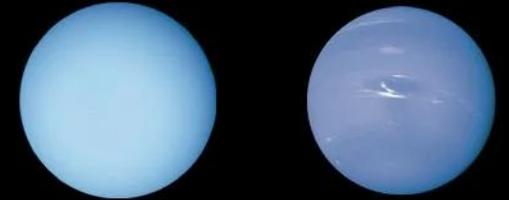
Rocky
Planets
(4)

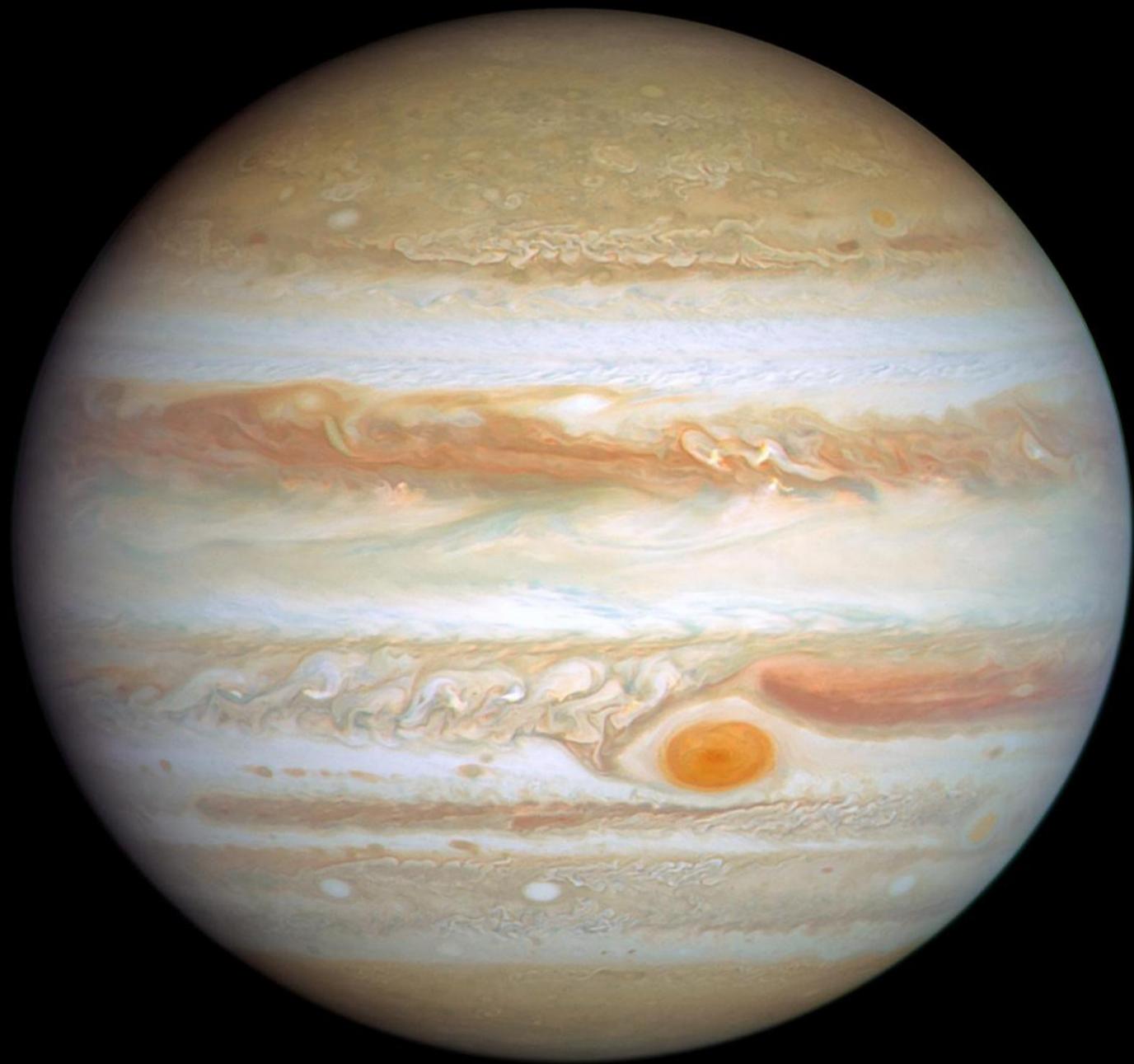


Gas Giants
(2)



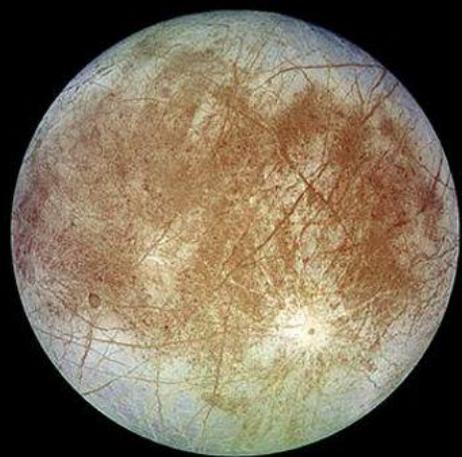
Ice Giants
(2)





**JUPITER AND GALILEAN MOONS
THROUGH A SMALL TELESCOPE**

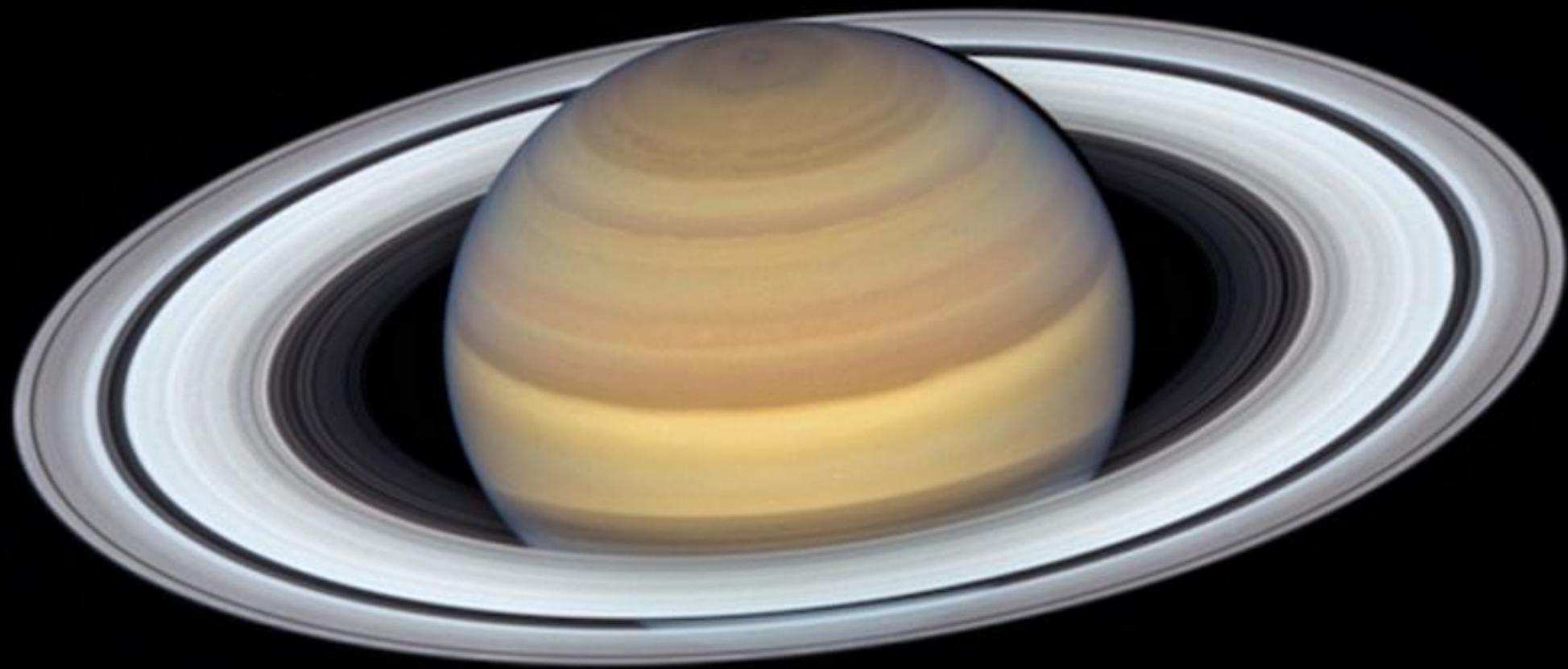


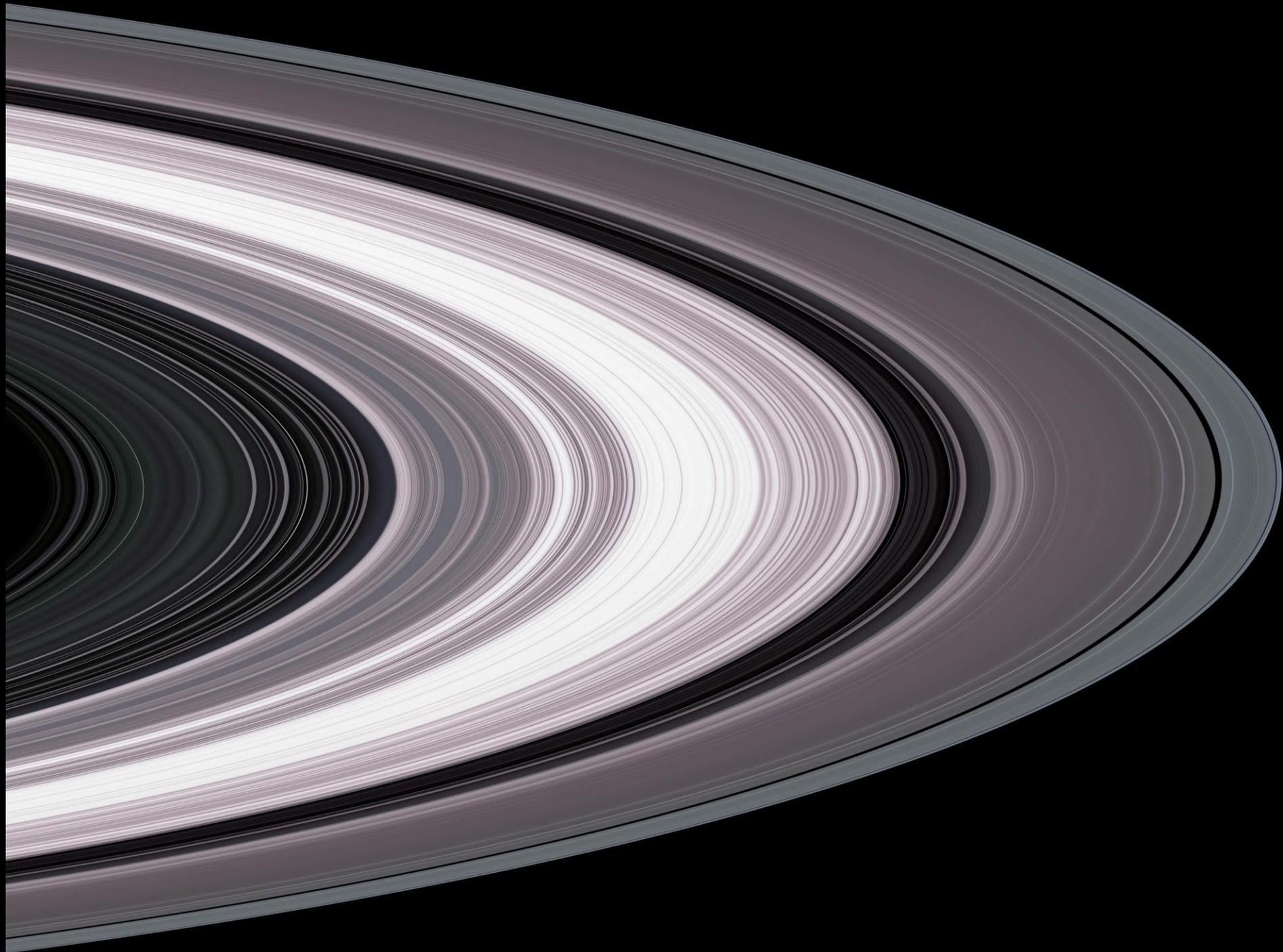


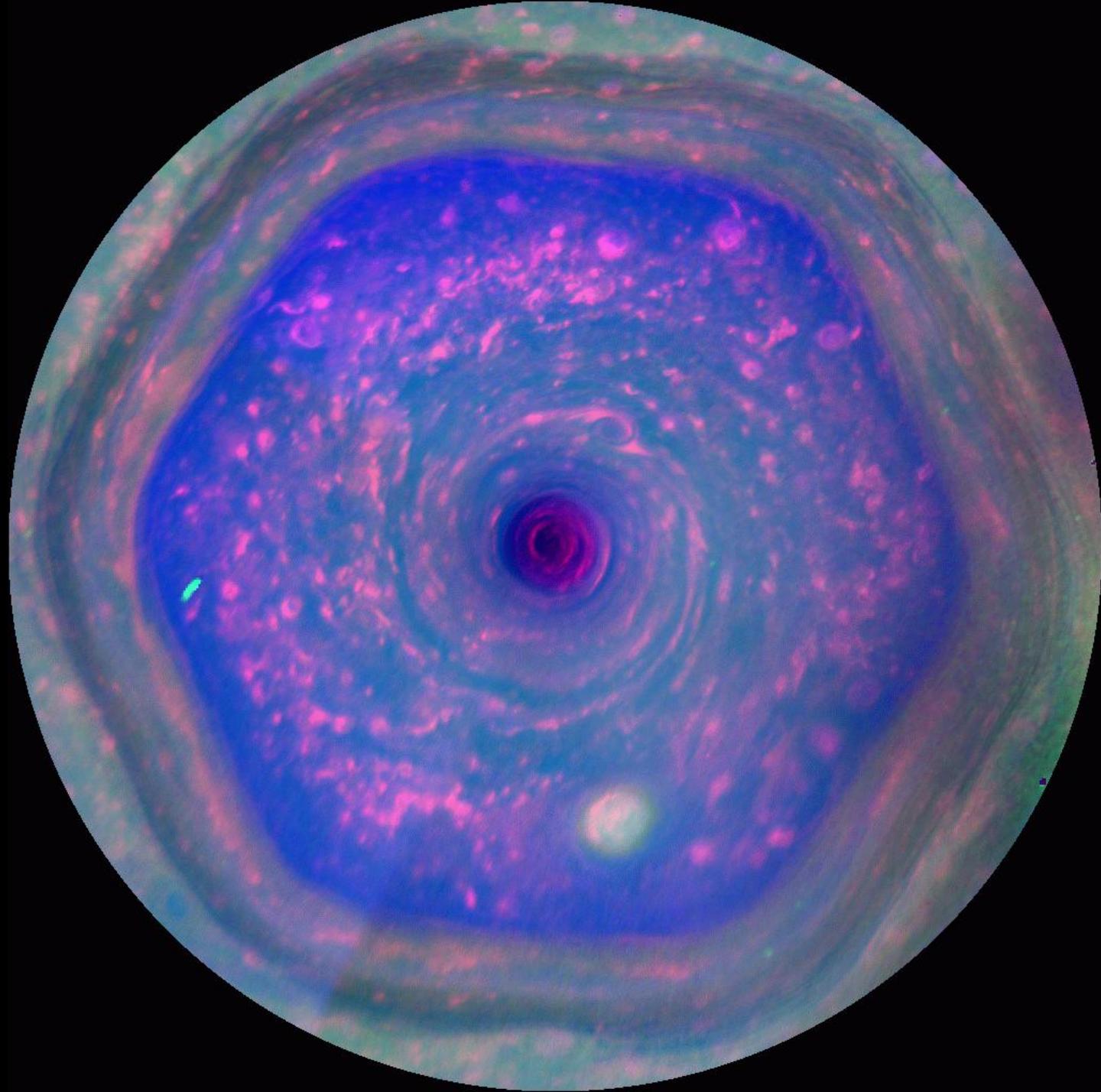
Jupiter's
Rings

JWST









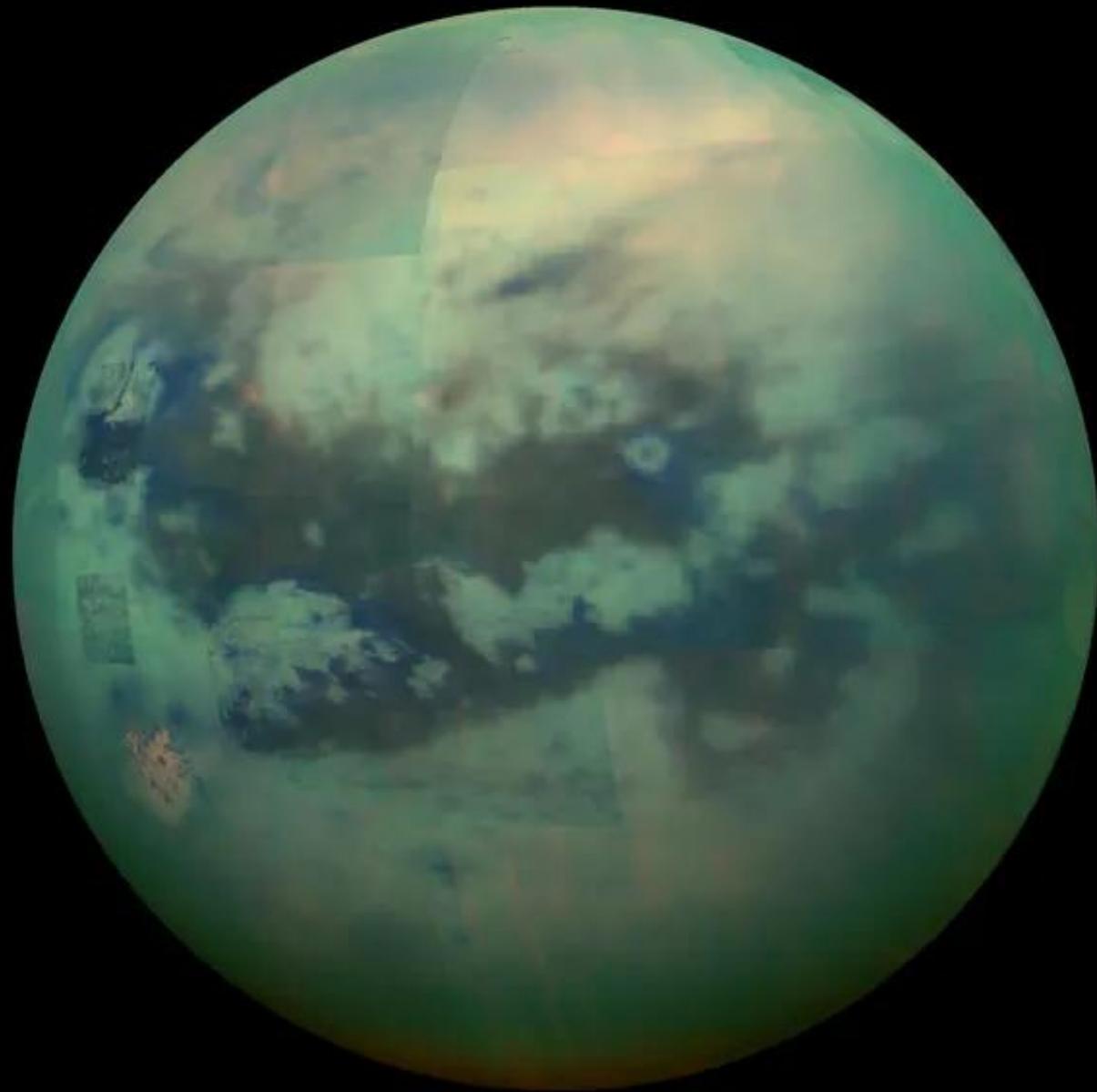
Titan

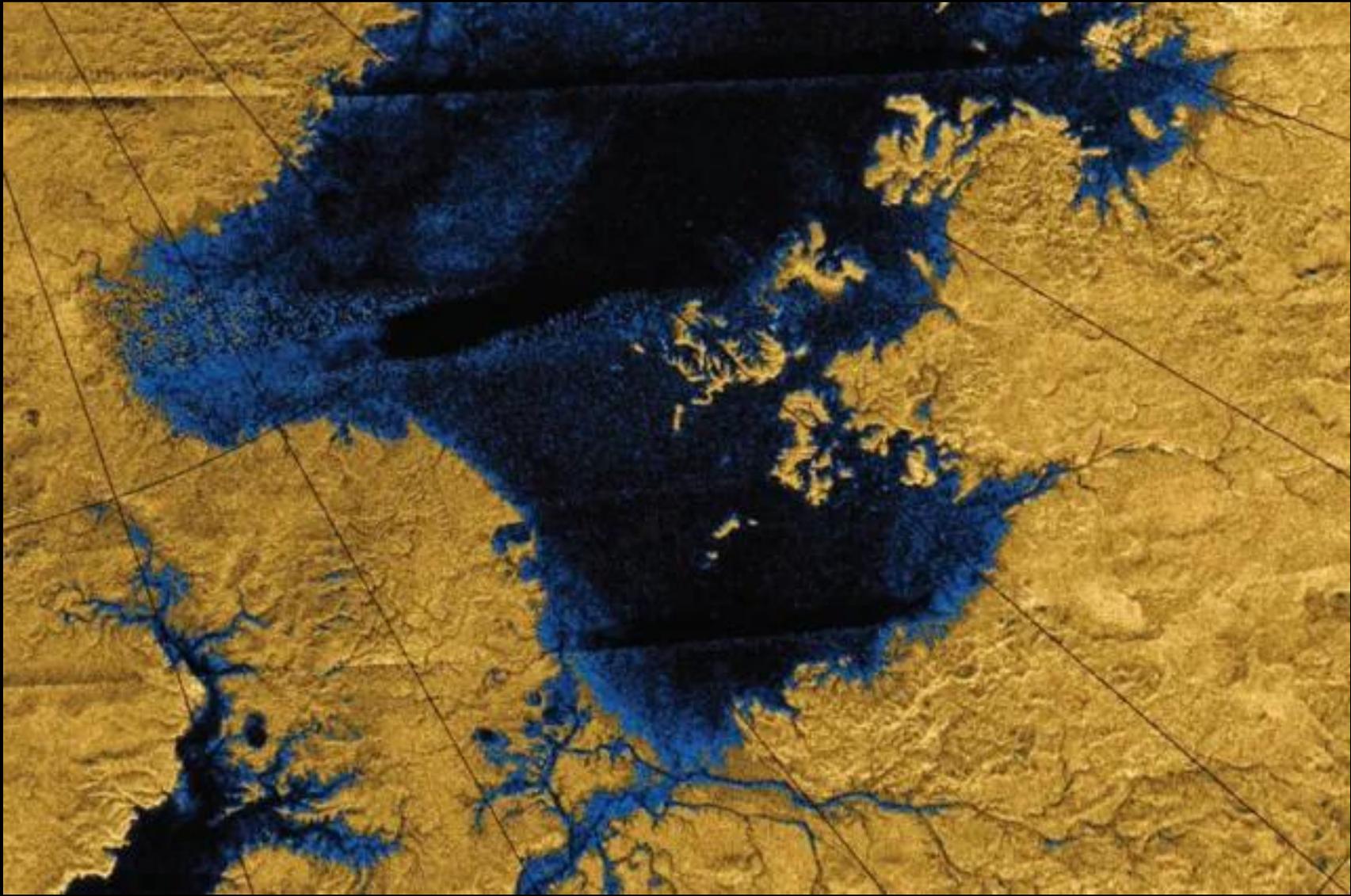


Titan's shadow



Titan
Cassini
Spacecraft

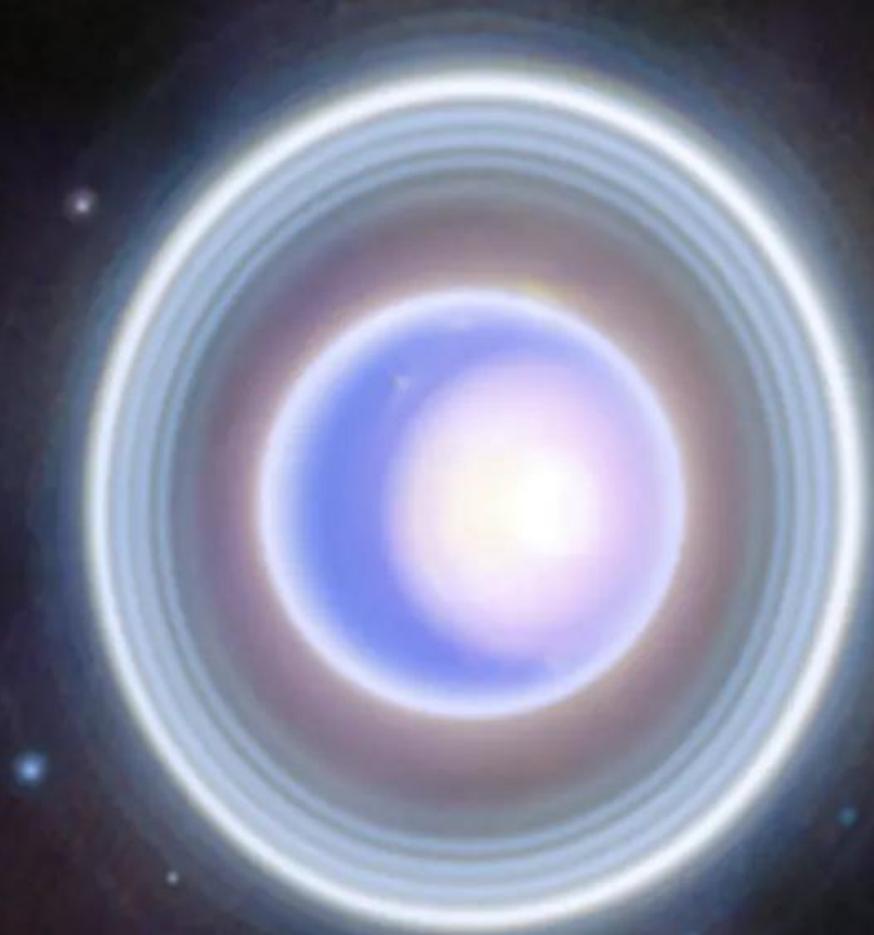




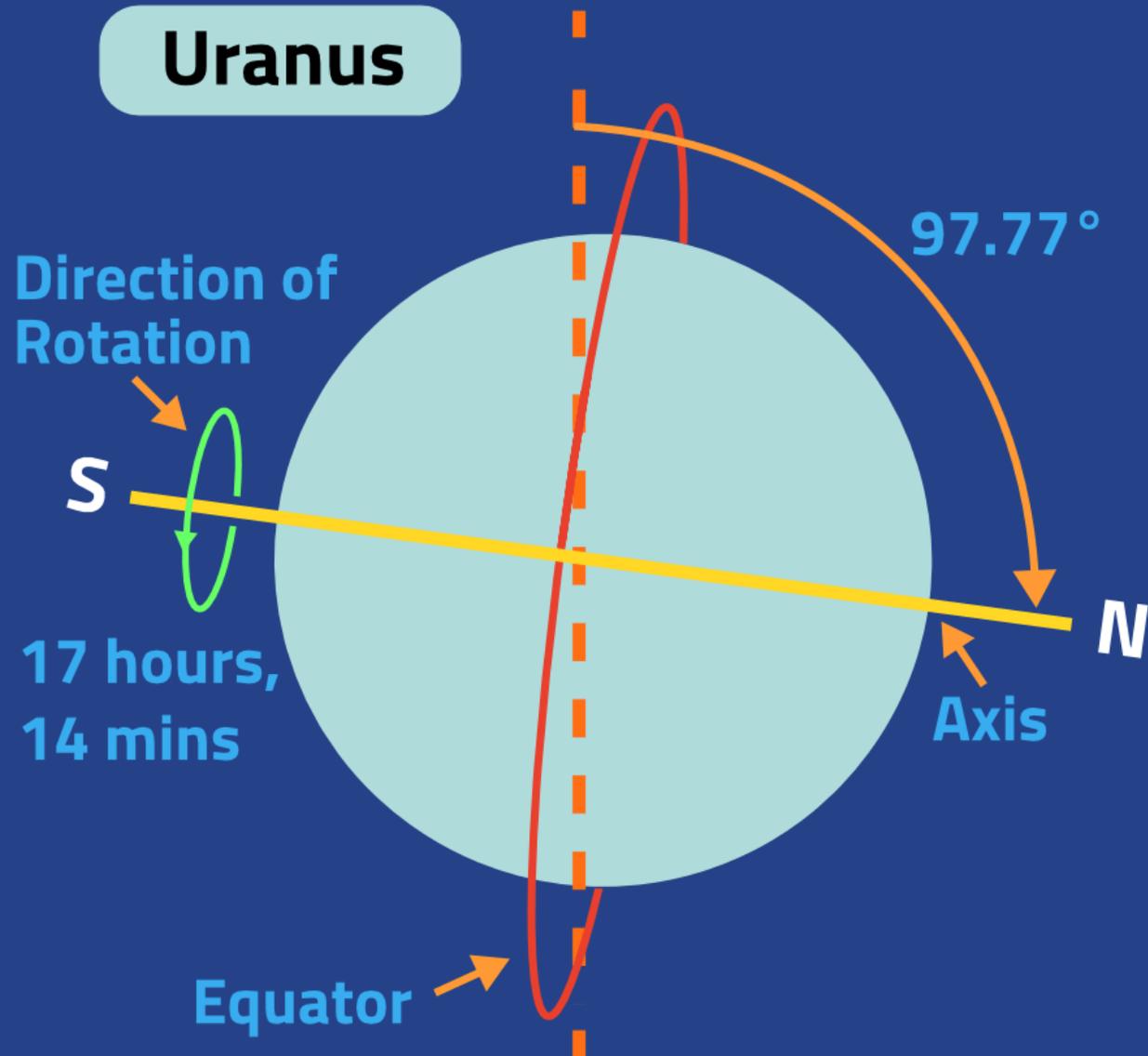


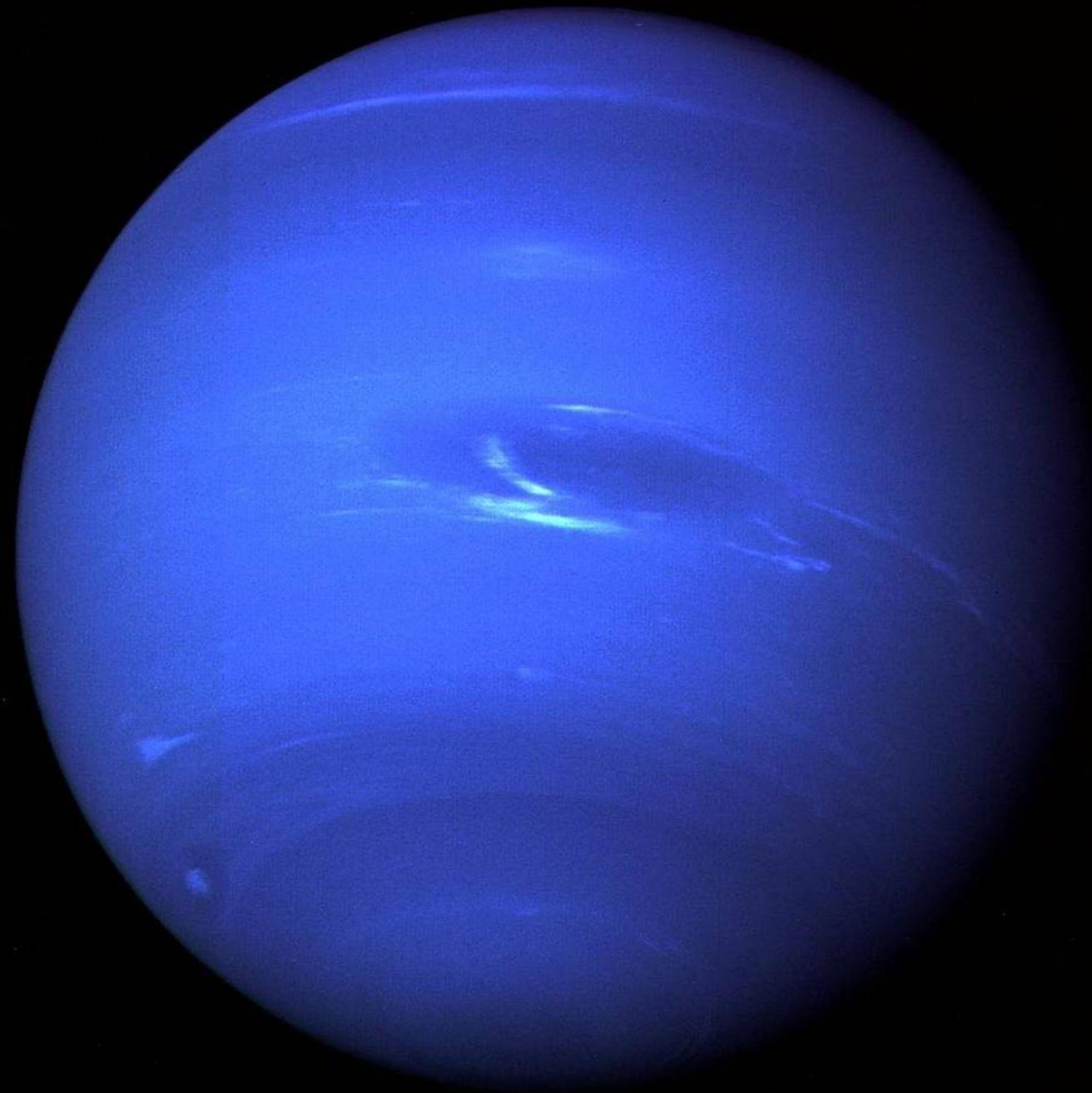
Uranus

JWST

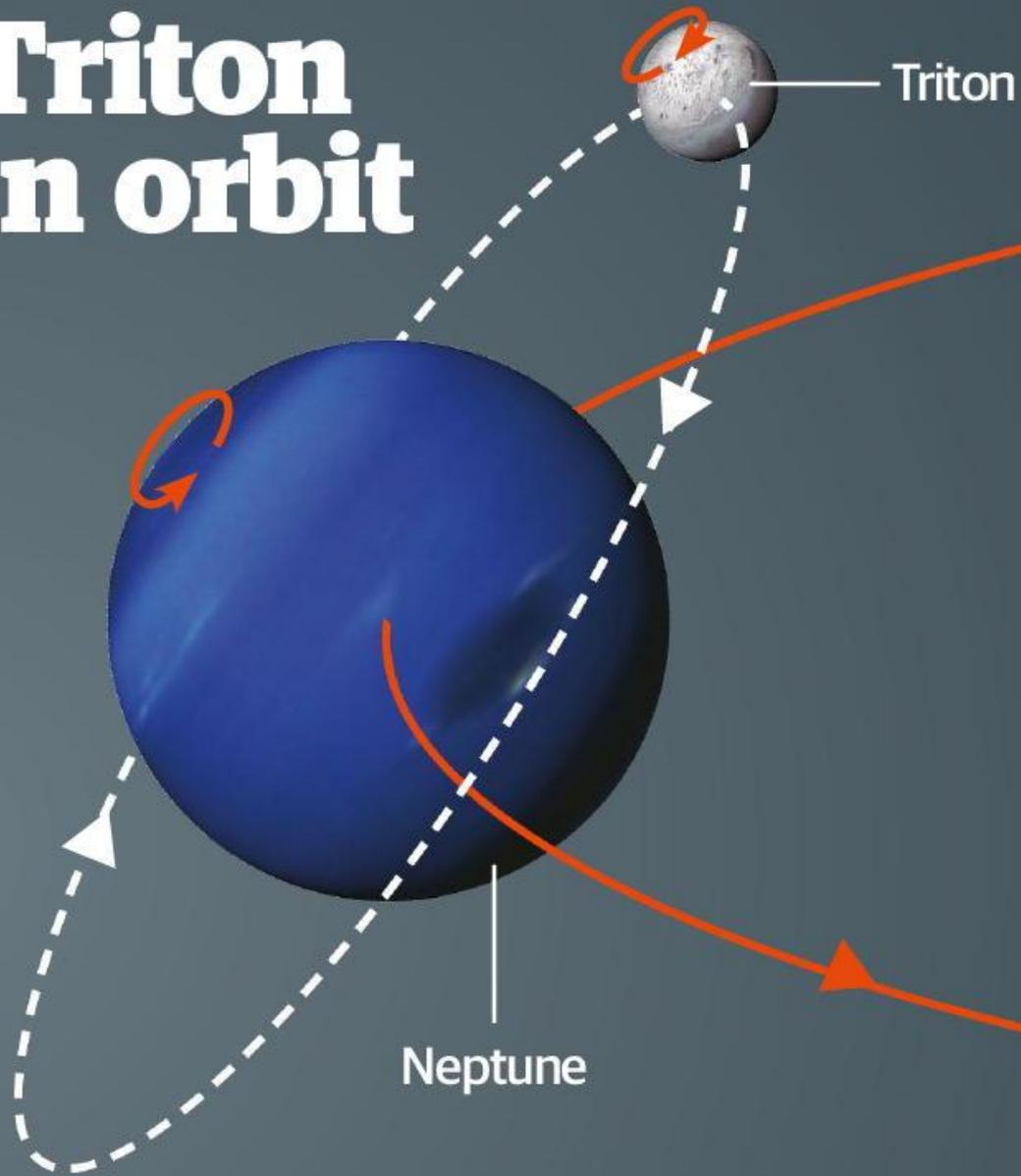


TILT AND ROTATION OF URANUS





Triton in orbit



Triton orbits Neptune at a distance of 330,000km, and completes one orbit every 5.9 Earth days. Triton has a 'retrograde' orbit, meaning the natural satellite's orbit is opposite to Neptune's spin. Also, Triton is tidally locked to Neptune, so that only one side of Triton is facing Neptune at all times.

1 Triton day = 5.9 Earth days
1 Triton year = 5.9 Earth days

Sun →

