

# JWST captures new images of Neptune

The *James Webb Space Telescope* has cast its infrared eye onto the remote world of Neptune, revealing rings and bright spots believed to be clouds of methane ice

## NEPTUNE WITH SEVEN OF ITS 14 KNOWN MOONS VISIBLE

**Triton (moon):** Sparkling like star due to its covering of frozen condensed nitrogen which reflects **70%** of sunlight  
*Also unusual because of its **retrograde orbit** – opposite direction to Neptune's rotation*

### SUN

- MERCURY
- VENUS
- EARTH
- MARS



JUPITER



SATURN

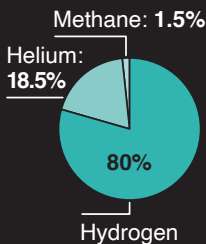


URANUS



NEPTUNE

### Composition of Neptune's atmosphere



Proteus

## NEPTUNE

Galatea

Despina

Naiad

Thalassa

Larissa

**Rings:** First crisp view of planet's rings – some of which have never been seen before, let alone with such clarity – since *Voyager 2* flyby in 1989