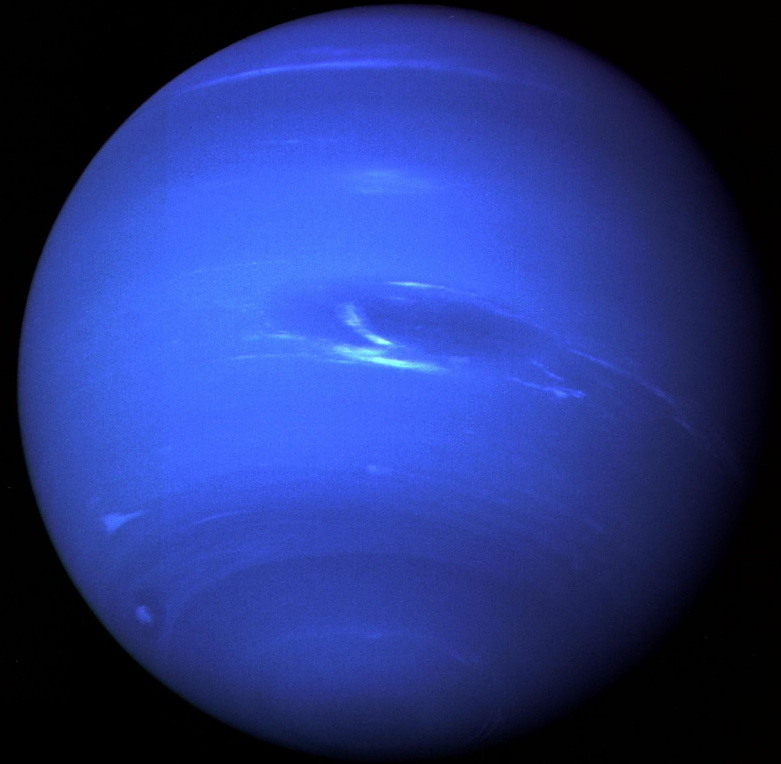


Observing Ice Giants Uranus and Neptune

Will Grundy

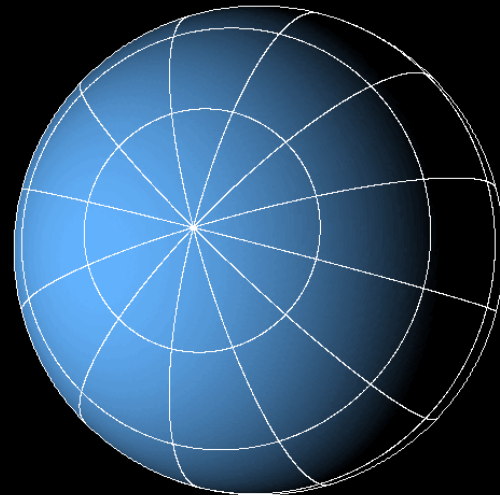
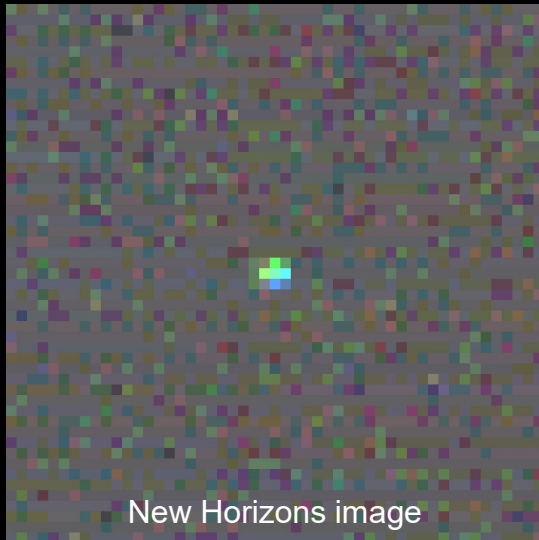
New Horizons Co-Investigator, Lowell Observatory



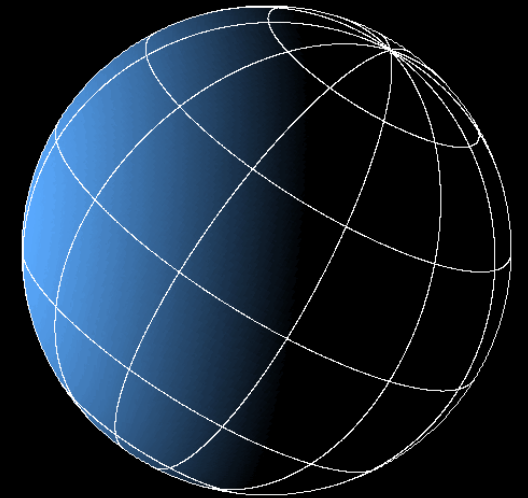
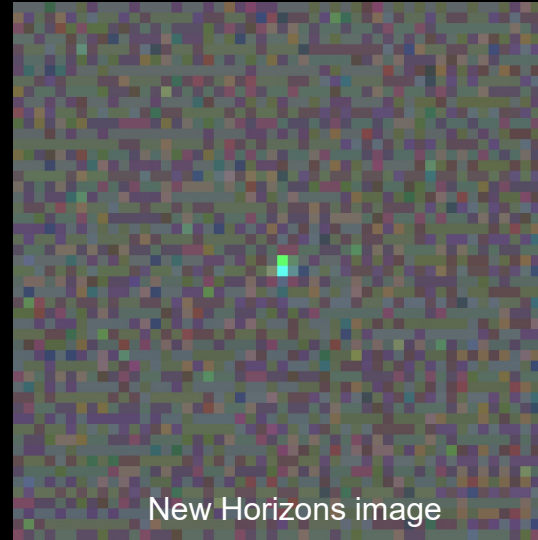
Ice Giant Observations from New Horizons

- Capitalize on New Horizons' unique vantage from the edge of solar system.
- Extend to longer wavelengths than Voyager could observe, and to new seasons.
- Study variability as the planets rotate.
- Analogous to future observations of ice giant class exoplanets.

Uranus



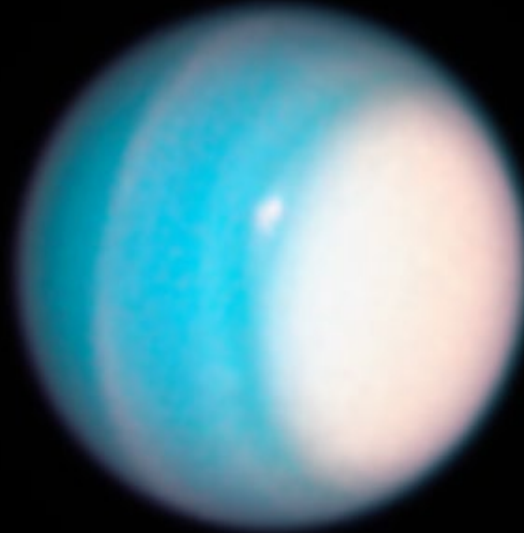
Neptune



Context Observations from Hubble

- Key to studies of atmospheres and heat balance.
- Better science than either spacecraft can do on its own.
- Can be continued into the future.

2018



2021

