

"The surface of the Earth is the shore of the cosmic ocean. On this shore, we've learned most of what we know. Recently, we've waded a little way out, maybe ankle-deep, and the water seems inviting."

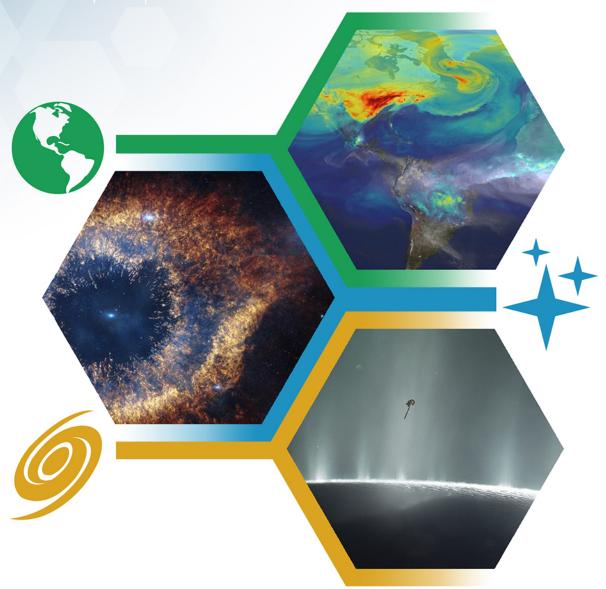
Carl Sagan



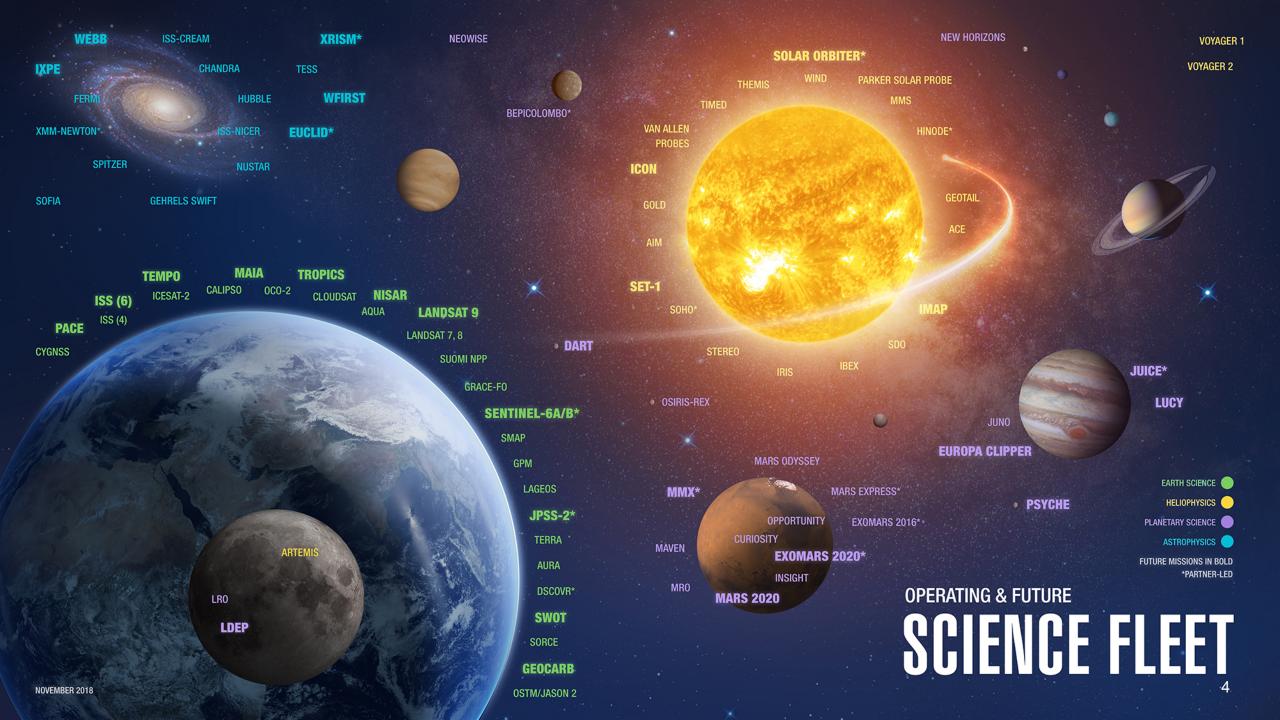
Protect & Improve Life on Earth

# Key Science THEMES

**Search for Life Elsewhere** 



**Discover Secrets** of the Universe







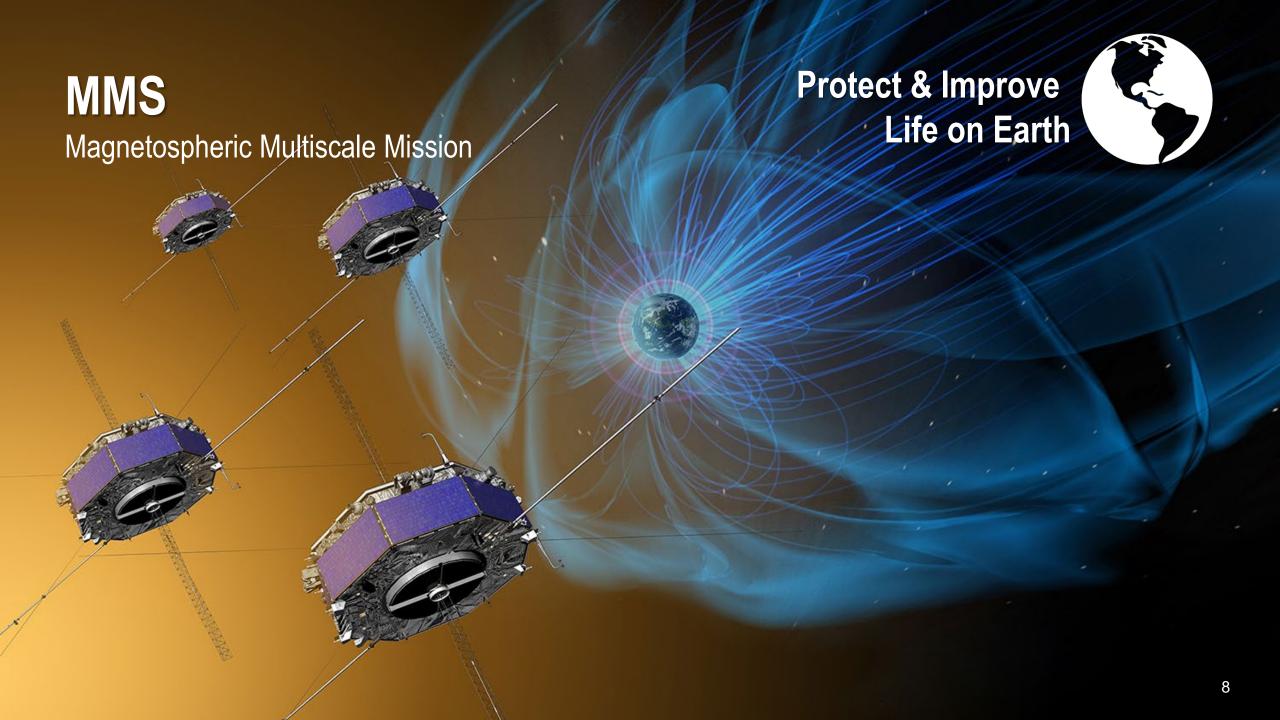




Probe shows Earth on the right panel

# PARKER SOLAR PROBE

A Mission to Touch the Sun











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March 14, 2018

#### NASA Needs Your Help to Find Steve and Here's How







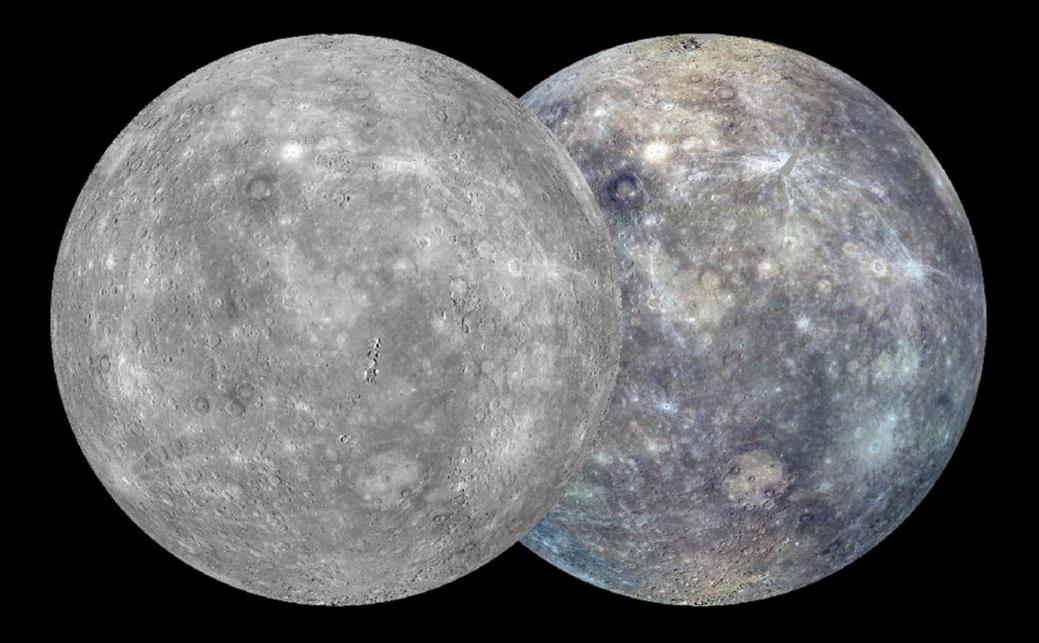


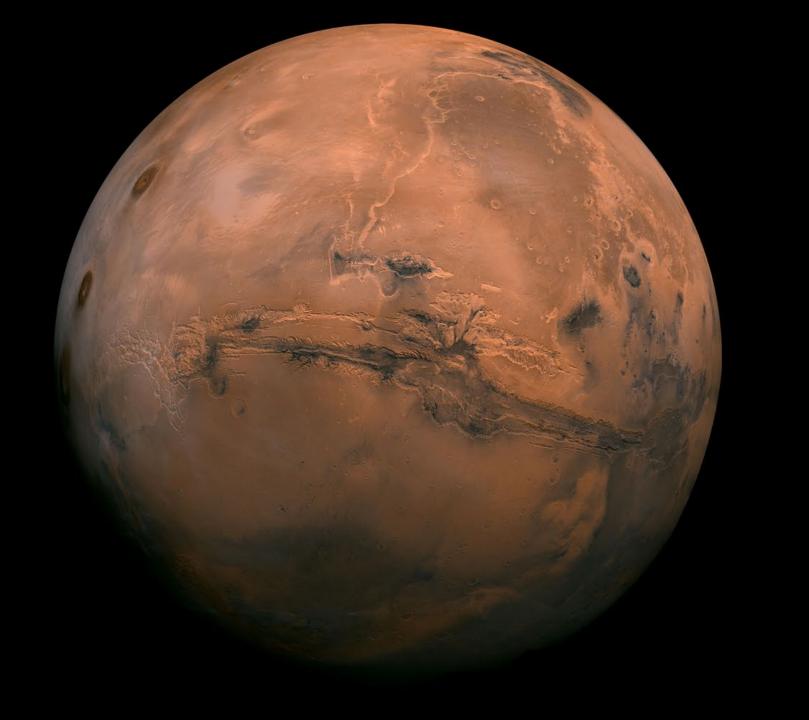


Glowing in mostly purple and green colors, a new celestial phenomenon is sparking the interest of scientists, photographers and astronauts. The display was initially discovered by a group of citizen scientists who took pictures of the unusual lights and playfully named them "Steve." Scientists have since learned more about the purples and greens, and have given it a more accurate name: Strong Thermal Emission Velocity Enhancement, which can still can be shortened to STEVE.

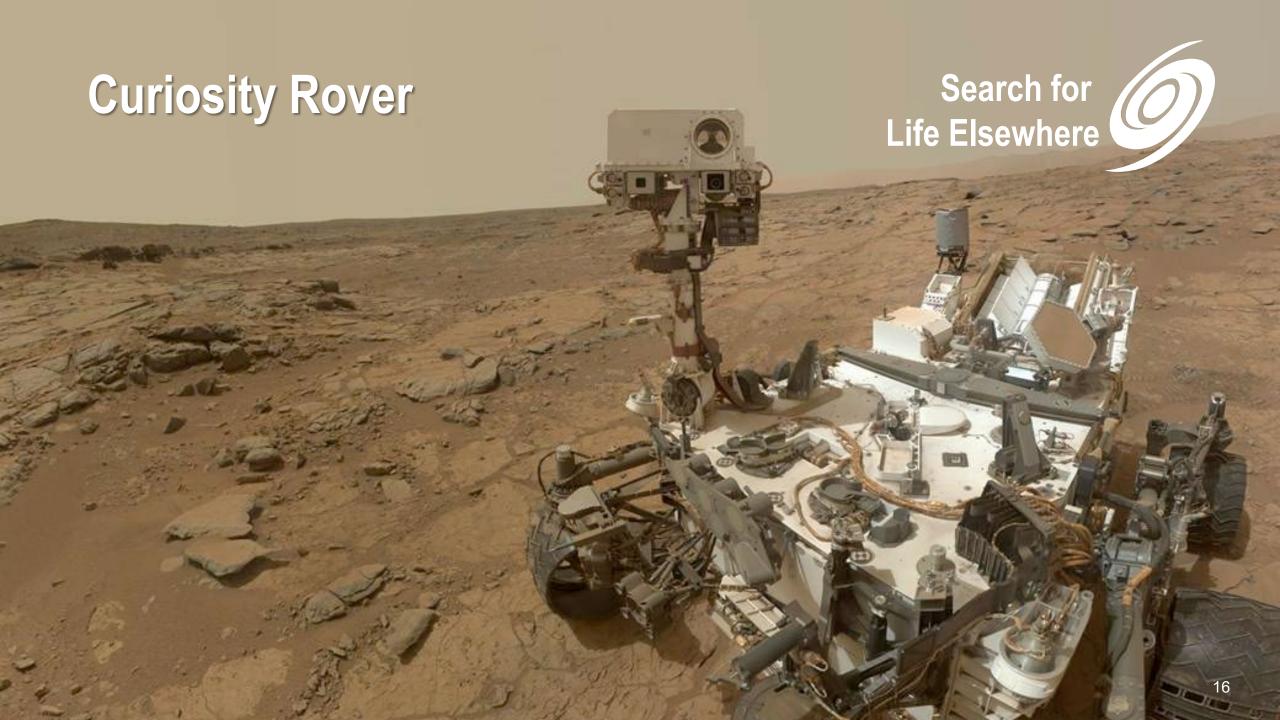




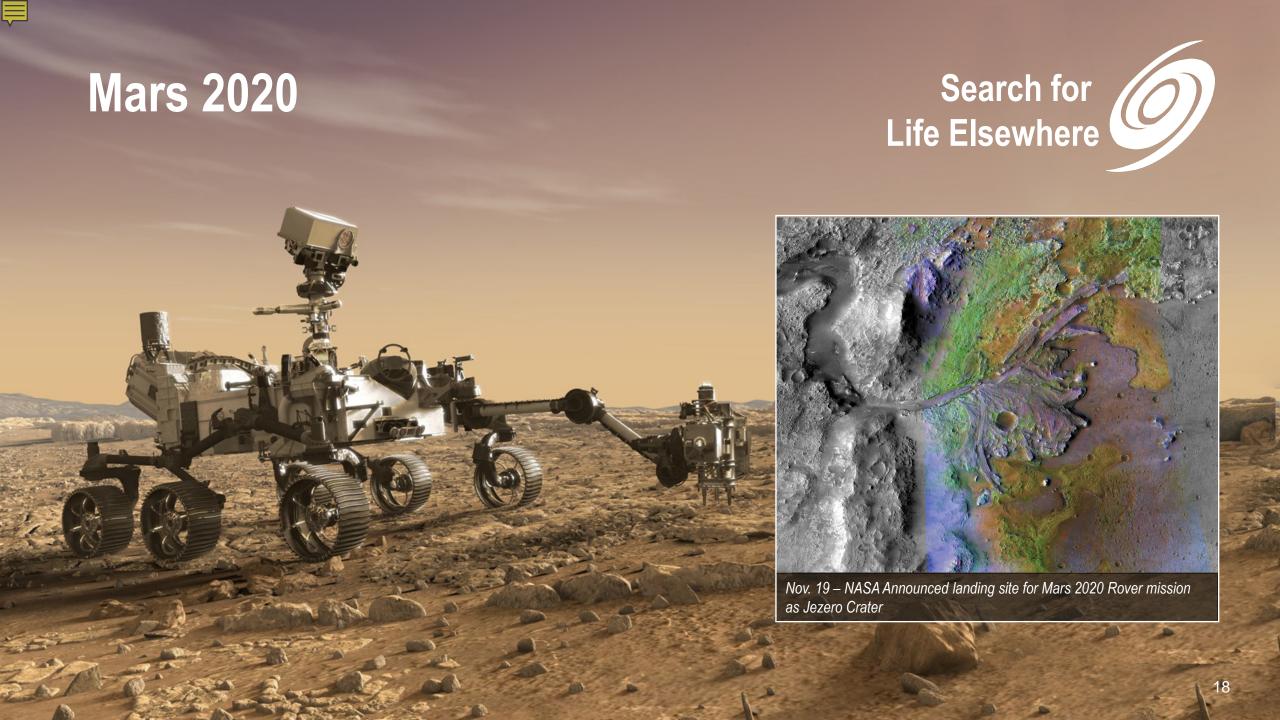


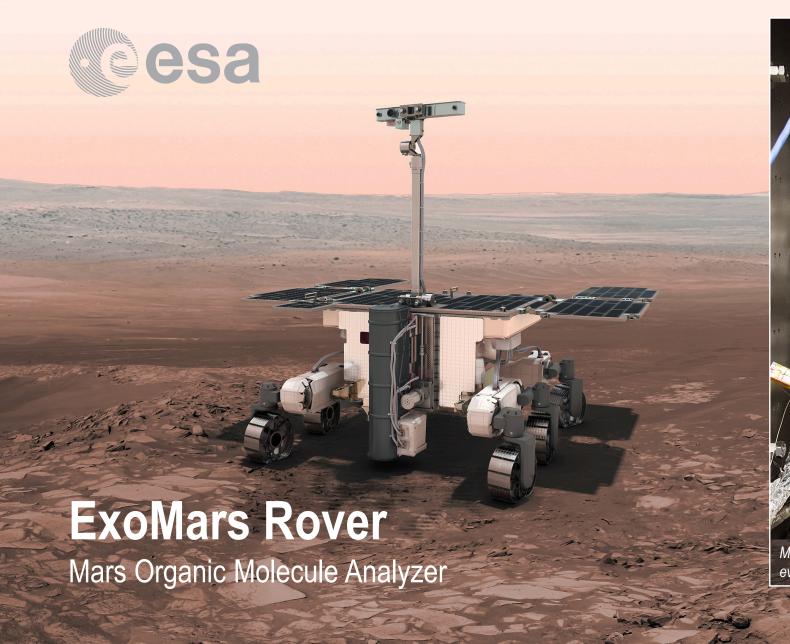


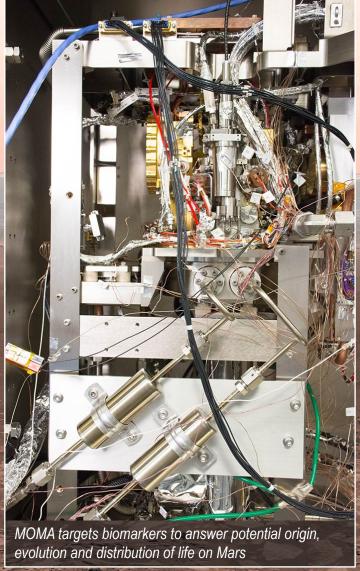












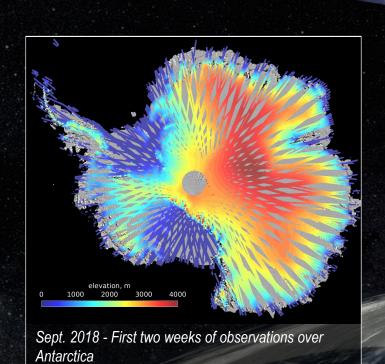




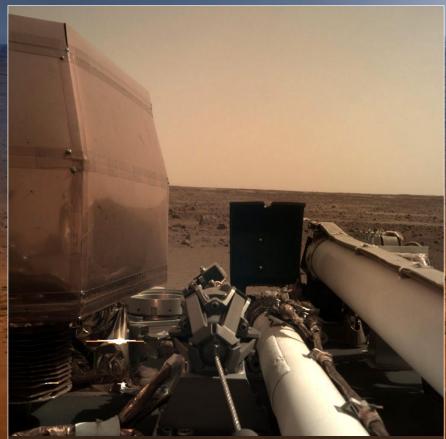
## ICESat-2

#### Protect & Improve Life on Earth



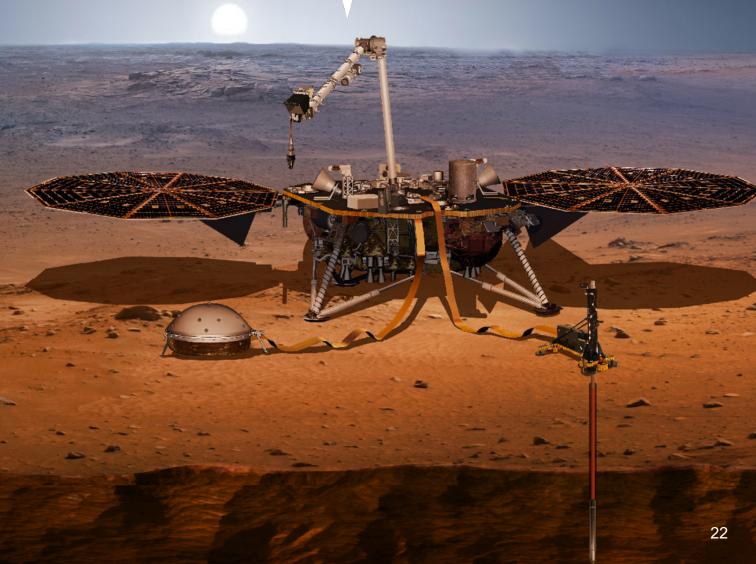


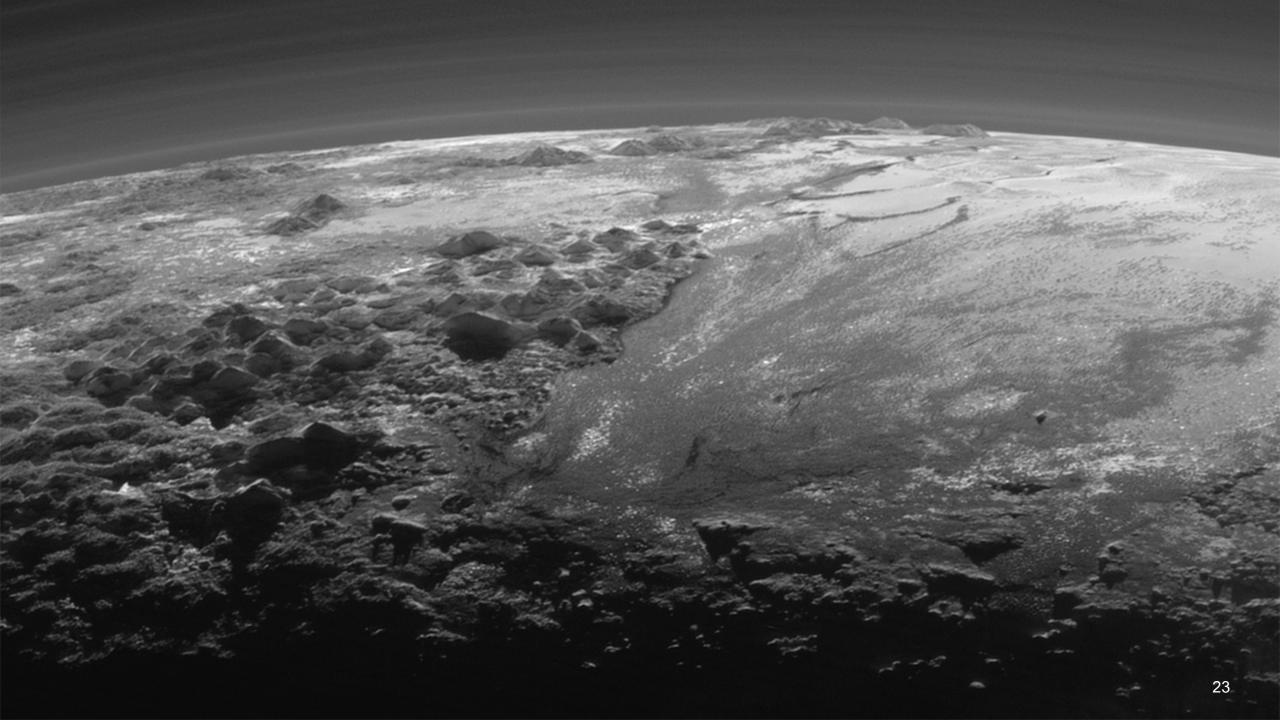
### InSight



Nov. 26, 2018 - Surface picture taken by InSight's Instrument Deployment Camera (IDL) on the day of its successful landing on Mars

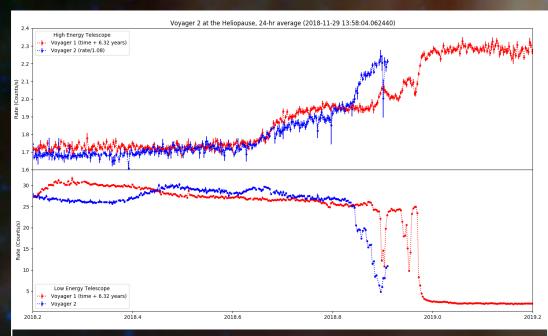






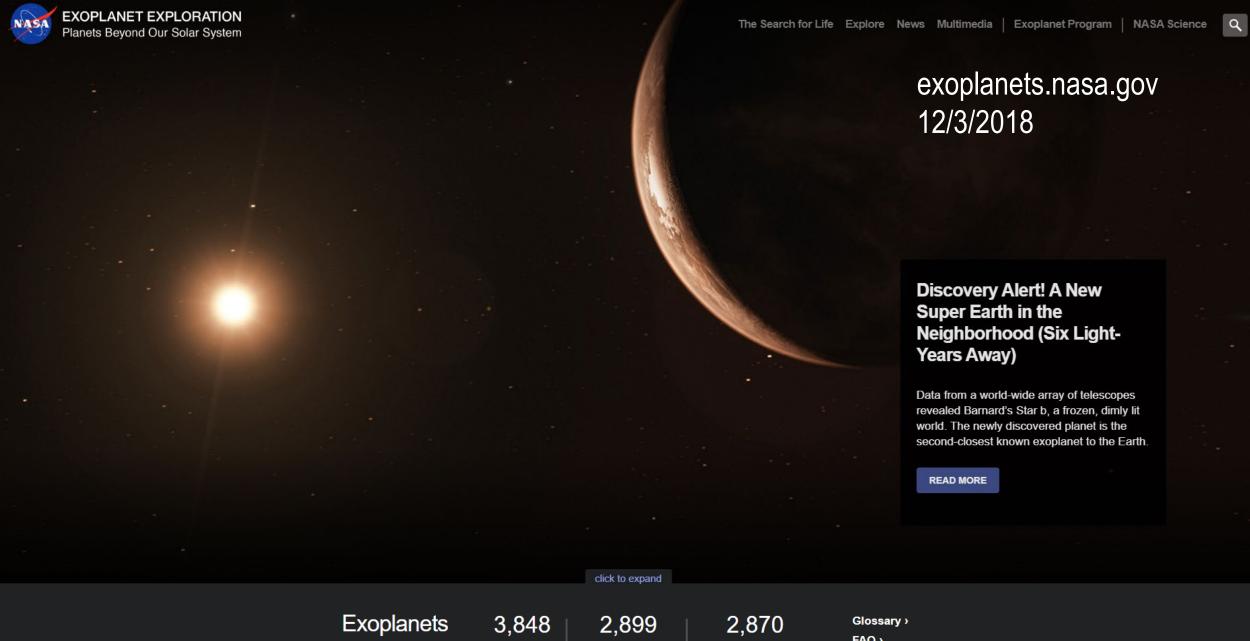


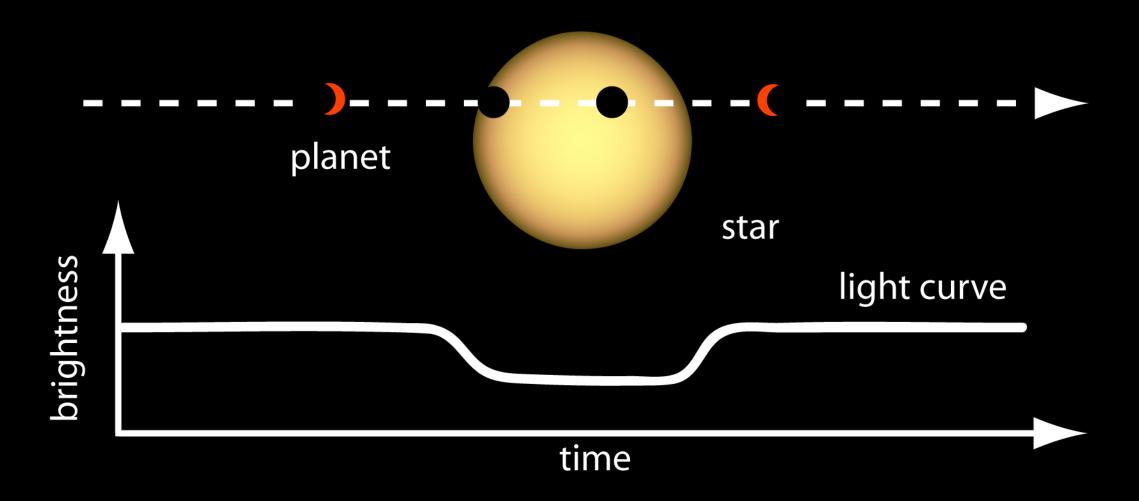




Nov. 29, 2018 - Upper panel shows galactic cosmic ray rates for both Voyager 1 (red, shifted by 6.2 yrs) and Voyager 2 (blue); lower panel shows anomalous cosmic ray rates







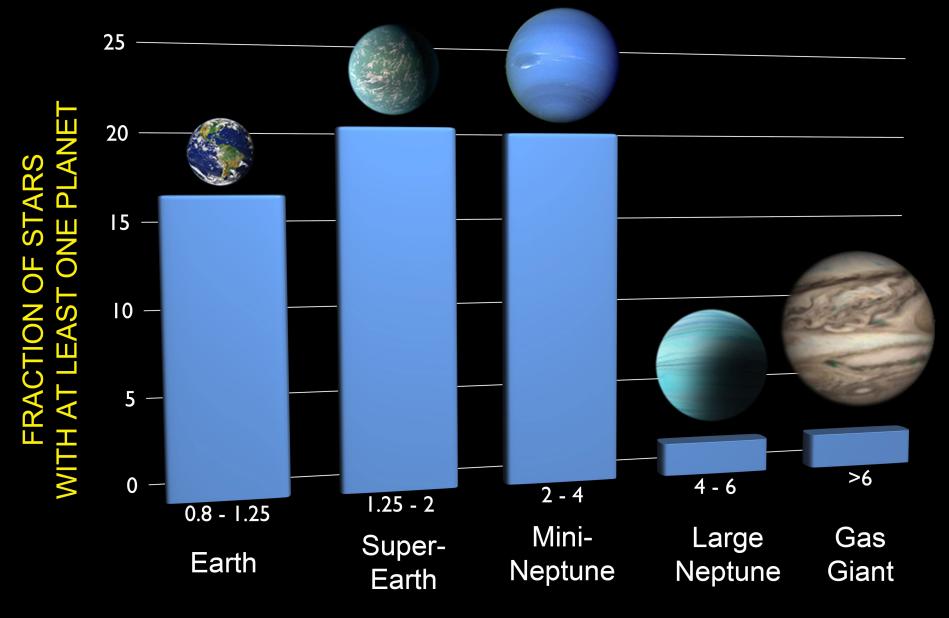
#### **TESS**

#### Transiting Exoplanet Survey Satellite



swath of the southern sky along the plane of our galaxy after completing Lunar fly-by





PLANET SIZE (relative to Earth)

