

USGS ASTROGEOLOGY SCIENCE CENTER

The USGS Astrogeology Center is the United States center for all the rock based planetary science, located in Flagstaff Arizona. There, they have sources for information about geological data collected from all the planets in out solar system.



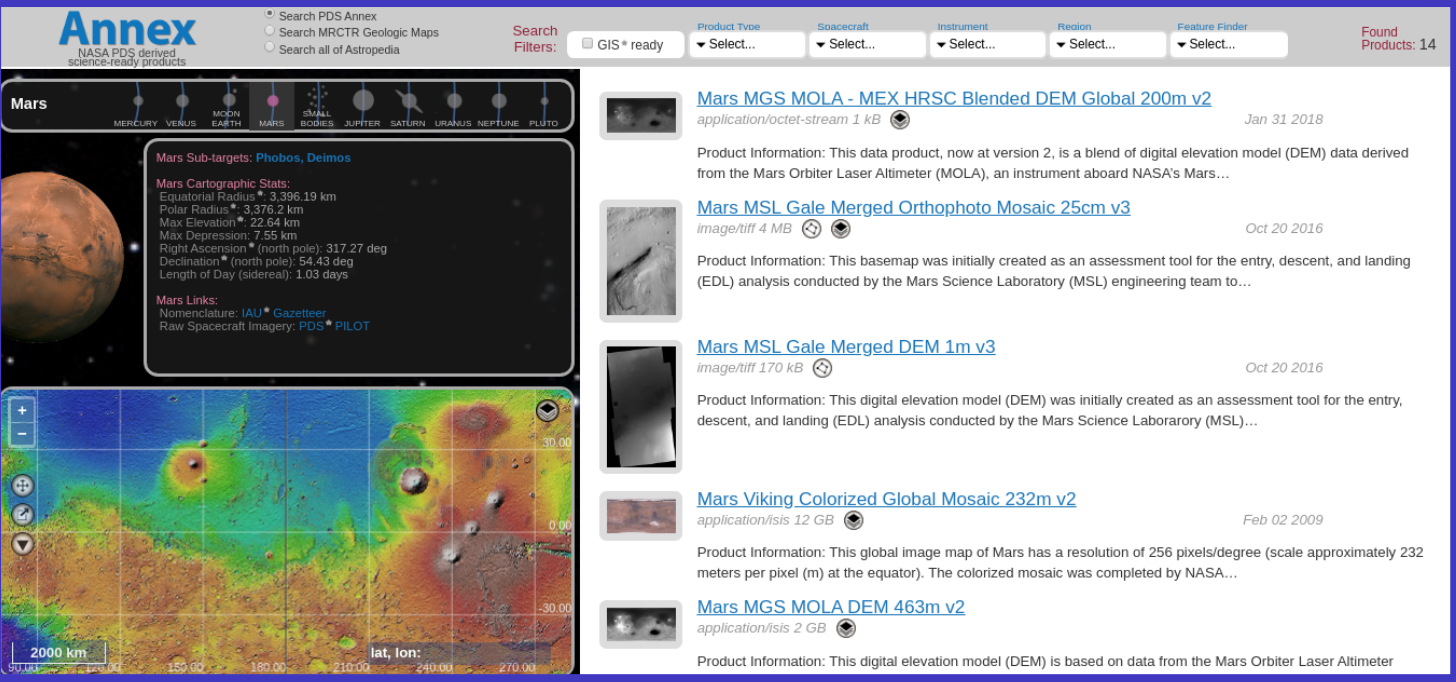
The Lobby of the Shoemaker Building Visitor Center, Featuring a training lunar rover — Provided by the USGS



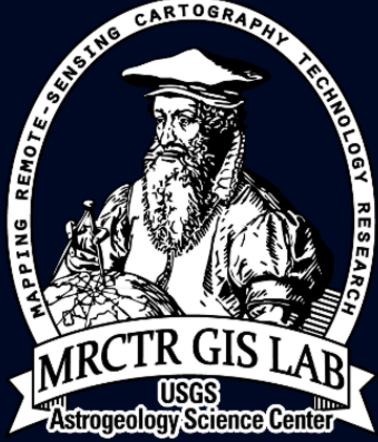
The Shoemaker Building, the Center for USGS Astrogeology — Provided by the USGS

ALL OF THE IMAGES, CALL IN ONE PLACE!

USGS ASTROPEDIA



The best place to go for planetary data is Astropedia! Astropedia is a website that collects all the sources from two major planetary databases, the PDS Annex and the MRCTR Geological Maps. PDS or Planetary Data System is a database run by NASA and all the remote data collected by NASA satellites. MRCTR, or the Mapping, Remote-sensing, Cartography, Technology, and Research Lab, is a lab run by the USGS, which contains data that has been edited or prepared for presentation by the USGS. Here they have all types of satellite images, ranging from DEMs to False Color images.



AN ACE IN SPACE!

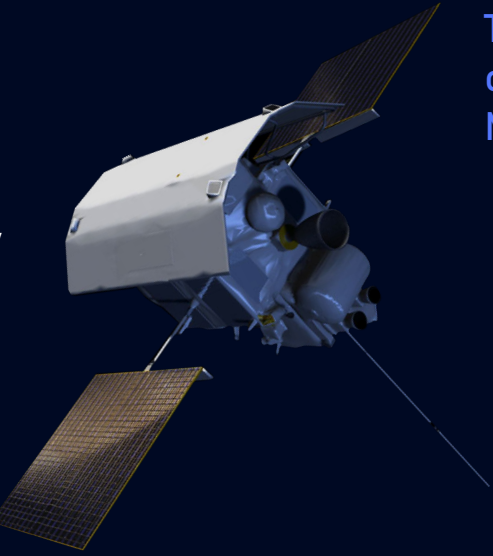
NASA/USGS - PILOT(PLANETARY IMAGE LOCATOR TOOL)

The Planetary Image Locator Tool or PILOT is an online tool created by NASA and the USGS. The tool is an easy way to search for orbital images of different planets from all missions throughout NASA's history. The tool also gives you the location that images were taken using an online map.

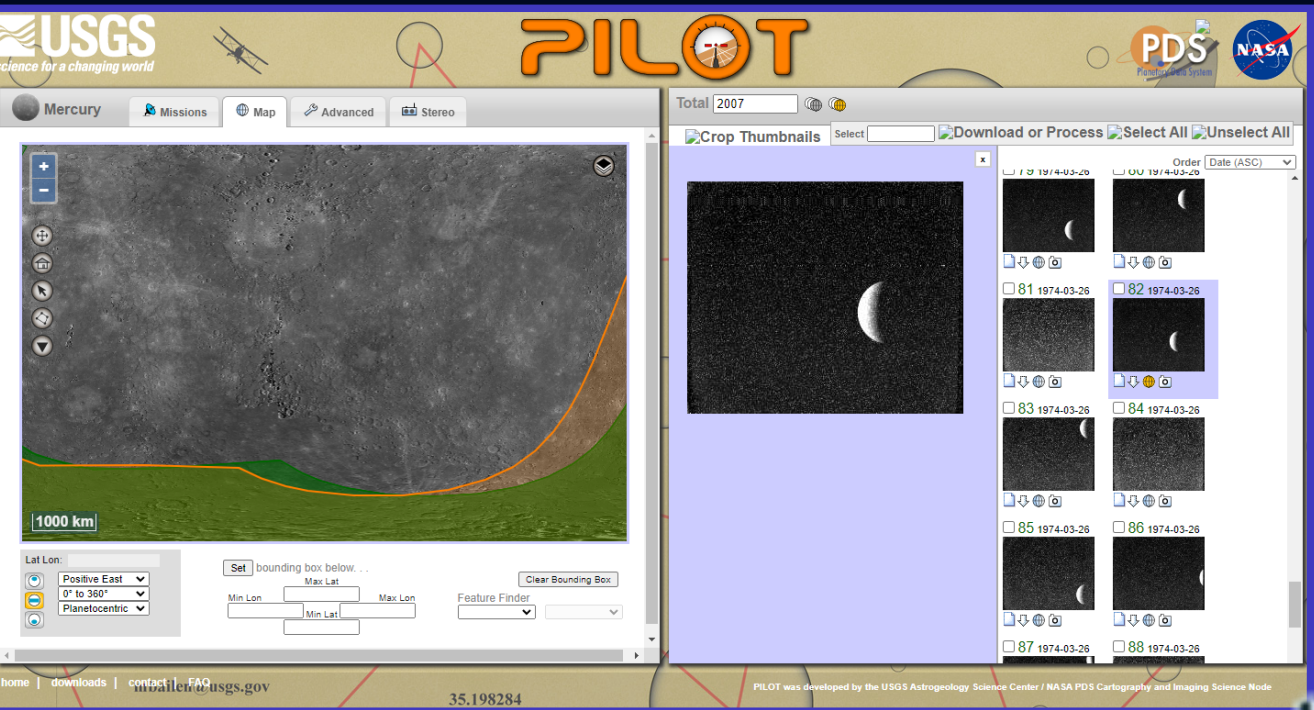


Ace Rimmer, "Smoke me a kipper, I'll be back for breakfast"

PILOT has raw data for all the planets as well as their moons. Each celestial body is categorized by the space craft that took the photo, so you can sort by mission. Images are in a raw file format so most of them are in black and white, but this means that they can be edited to ones liking if needed.



Topographic map of the surface of Mercury taken by the MESSENGER spacecraft



Two astrogeologists driving around in "Grover" or the Geologic Rover. This is a modified version of the Lunar rover, but changed to be sturdy enough to operate on earth. Grover is used to train astronauts to drive the lunar rover.



PLANETARY DATA

