What is Weather Like on Other Planets?

What do you know about weather in space? Complete this worksheet to learn more about what it’s like on each planet! Use NASA’s Space Place website to fill in the blanks!

Online resource: https://spaceplace.nasa.gov/weather-on-other-planets/en/

When the sun is shining on the surface of Mercury it looks ____________ larger and ______________ brighter that it does here on Earth.

During the day time temperatures on Mercury can get up to _______ degrees Fahrenheit.

______________ is the hottest planet in the solar system.

Venus has an atmosphere made of ______________ ______________ and clouds made out of ______________ ______________.

Mars is mostly ________.

Mars has desert tornadoes called ____________ ____________.

Jupiter is a gas giant so you cannot ____________ on it.

Jupiter’s great red spot is a ____________ that has been going for more than ____________ years.
By the time you get to Jupiter you are _______ _____________ miles away from the sun.

Saturn’s moon Titan has a _____________ cycle instead of a water cycle.

Uranus is titled ______ degrees on its axis, which means it is always orbiting on its side.

Uranus takes _______ Earth years to orbit the sun.

Neptune is about the same ___________ as Uranus, which is strange because Neptune is _________ from the sun than Uranus.

Neptune has the __________ wind in the solar system.