

INTERPRETING DATA

WHAT DOES IT MEAN?

Scientific instruments collect *data* but it is up to scientists to interpret that data and turn it into *information* that they can use. Below is some data gathered about worlds in our solar system. Interpret that data and explain how it might be useful in finding new homes for the aliens.



1.6 atmospheres

Barometer reading taken on Titan

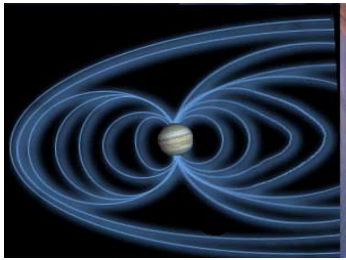
Example:

Titan has an atmosphere that is denser than Earth's. This means that it might be a good home for a species that needs a dense atmosphere.



0.01 atmospheres

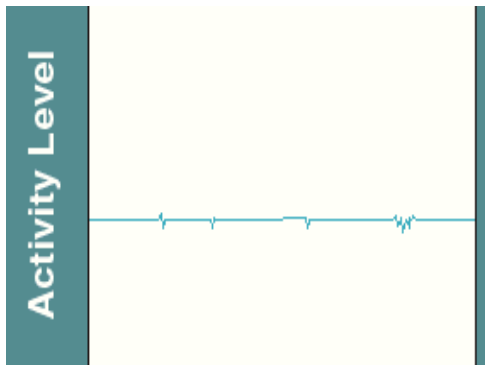
Barometer reading taken on Callisto



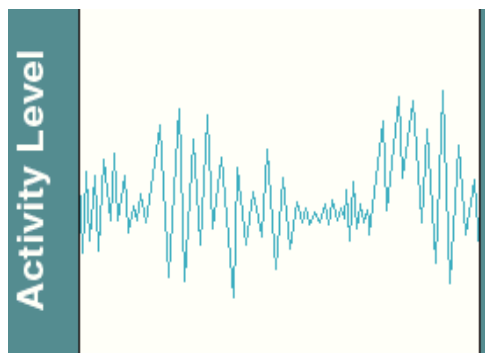
Magnetometer reading for Jupiter



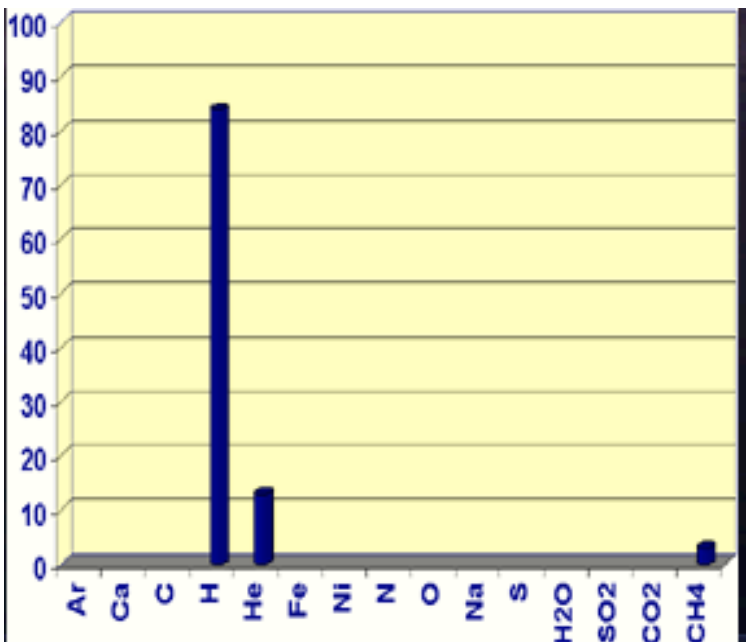
Magnetometer reading for Mars



Seismograph reading from Deimos



Seismograph reading from Io



Spectrograph Reading on Neptune
