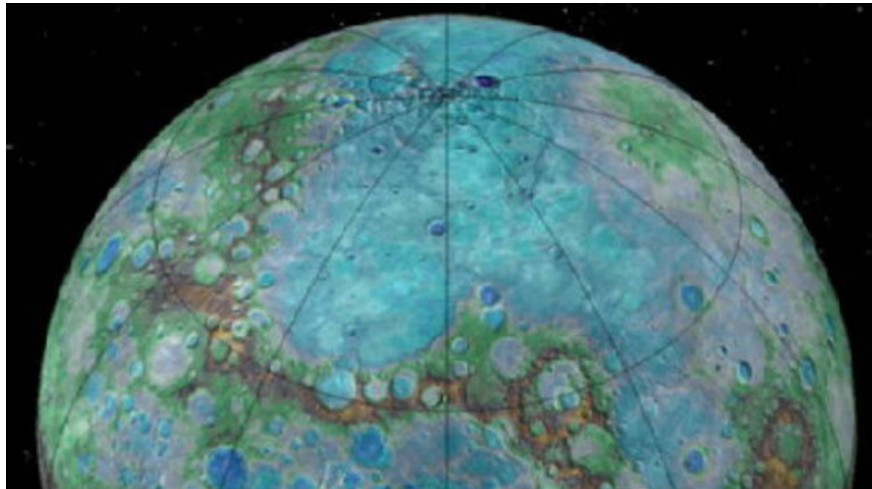


# Detects a hot alien planet, about the same size as the Earth

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A group of international astronomers have discovered a hot planet, many of the metals and sizes like Earth outside our solar system have a density of materials like Mercury. David Armstrong of the University of Warwick, England said: "Mercury is more prominent than the other planets of the solar system, has a thick iron surface and shows it to be formed in a different way."

Armstrong said: "We were surprised to see this exoplanet has the same high density of materials, which means that Mercury-like planets are not as rare as we thought. Named K2-229b, this planet is 20% larger than Earth but has a mass greater than 2.6 times and a daytime temperature of more than 2000 degrees Celsius".



Located about 340 million light-years from Earth, it is almost like its host star (about 1% of the distance between the Earth and the Sun), which itself is the medium-sized K star shape active in Constellation Virgo Constellation.

According to research published in the journal Nature Astronomy, K2-229b revolves around a round of fourteen hours. "What's interesting is that K2-229b is also the planet inside a system with at least three planets'.

Many such discoveries will help us discover the formation of these unusual planets, as well as Mercury itself, "Armstrong added. With the K2, Armstrong telescope and colleagues used it carefully. Doppler spectroscopy - also known as "oscillatory exploration method" to discover and characterize this distant planet.

The dense metal nature on the surface of K2-229b has a lot of potential origins and a hypothesis that its atmosphere may have been eroded by wind and ultraviolet rays when the planet formed near. Its master star.

Another possibility is that K2-229b was formed after a tremendous influence between two giant bodies in the universe billions of years ago collided with each other like the theory that the moon was formed after the earth colliding with objects of the size of Mars.

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