

Detects the hottest outer planet in the universe, with temperatures up to 4,327 ° C

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1. The new discovery of life on planet GJ 1132b, "super-Earth" is 39 light-years away
2. Interesting discovery of strange planets outside the solar system

Picture 1 of Detects the hottest outer planet in the universe, with temperatures up to 4,327 ° C

Illustrative image of KELT-9 star and planet KELT-9b.(Photo: NASA).

This newly discovered alien planet is called KELT-9b, with temperatures up to 4,327 ° C, less than 1,200 degrees Celsius of the Sun's surface.

It revolves around a giant KELT-9 star, which has a temperature of nearly 10,000 degrees Celsius, nearly twice the amount of heat emitted from our Sun's surface. This is both the hottest cosmic planet discovered and the only planet around the hottest star to be found.

Picture 2 of Detects the hottest outer planet in the universe, with temperatures up to 4,327 ° C

KELT-9b belongs to the constellation Swan (Cygnus), about 650 light-years from Earth. Extraterrestrial KELT-9b is about 2.8 times larger than Jupiter, while its parent star is 2.5 times the Sun.

The distance of KELT-9b to KELT-9's parent star is less than 57 million km, closer to Mercury's distance to the Sun.

Picture 3 of Detects the hottest outer planet in the universe, with temperatures up to 4,327 ° C

WASP-33b holds a record with a heat of 3,200 degrees C. (Photo: NASA.)

Previously, the title of the hottest outer planet in the universe was belonged to the outer planet WASP-33b in the constellation of the Fairies, with a temperature of 3,200 degrees C, 380 light years from Earth.

The discovery of KELT-9b, an ultra-hot planet orbiting a star that is twice as hot as the Sun's surface, gives scientists more information about how a planet is formed and exists in conditions Extreme temperature.

1. Exotic planets (Exoplanet) are planets outside the Solar System.
2. 1 light year = 9,460,528,400,000 km (9.5 trillion km), ie 5,878,499,810,000 miles.
3. The surface temperature of the Sun is approximately 5,505 ° C (5,778 K).
4. Mercury's distance to the Sun (57.91 million km)

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