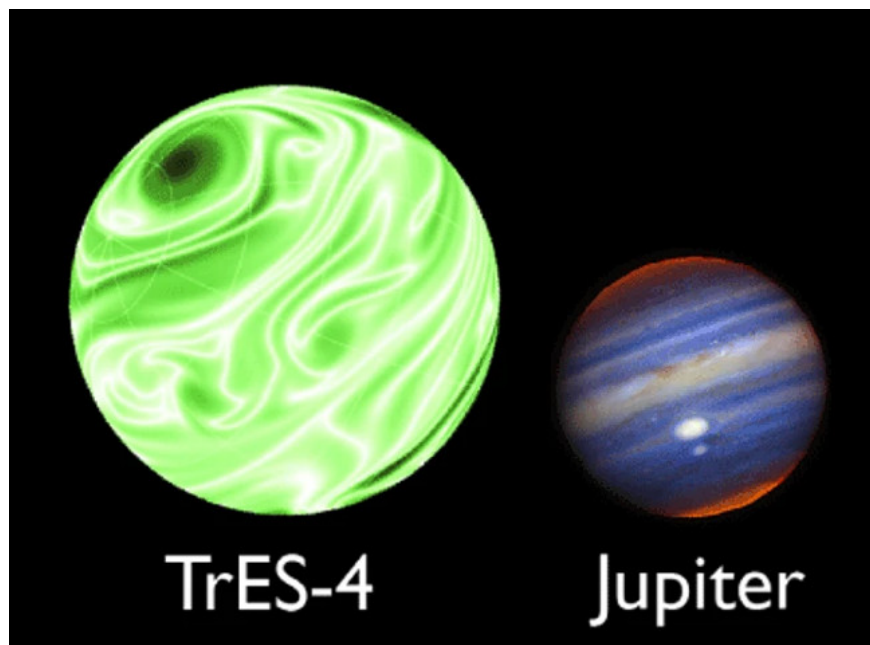


# 12 interesting records of planets in the universe

In the universe there are countless strange and mysterious planets. With the help of modern technology, people have known many planets with special shapes, sizes, structures, completely different from the earth. Here are 12 records set in the universe: the hottest, oldest, youngest, coldest planet ... that people have known.

In the universe there are countless strange and mysterious planets. With the help of modern technology, people have known many planets with special shapes, sizes, structures, completely different from the earth. Here are 12 records established in the universe: the hottest, oldest, youngest, coldest planet . that people ever knew.

## 1. The largest planet



**TrES-4** is 20 times larger than Earth and 1.7 times more than Jupiter and this is the largest planet in the solar system. TrES-4 is mainly composed of hydrogen.

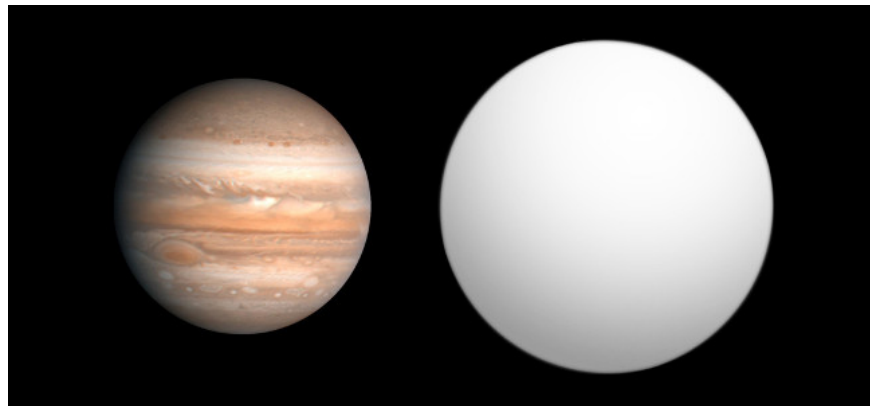
The TrES-4 is also one of the candidates for the " *most exotic planet* " record because it is extremely light, covering the planet with a thick layer of wood mulch weighing only about 0.2 grams / cm<sup>3</sup>. Almost no life on this planet.

## 2. The smallest planet



**Kepler-37b** is only 80% of Mercury's size, slightly larger than the Sun and takes 13 days to complete an orbit around its parent star, the smallest planet in the Solar System. The temperature on this planet is up to 400 degrees Celsius, making water and life impossible to survive.

### 3. The lightest planet

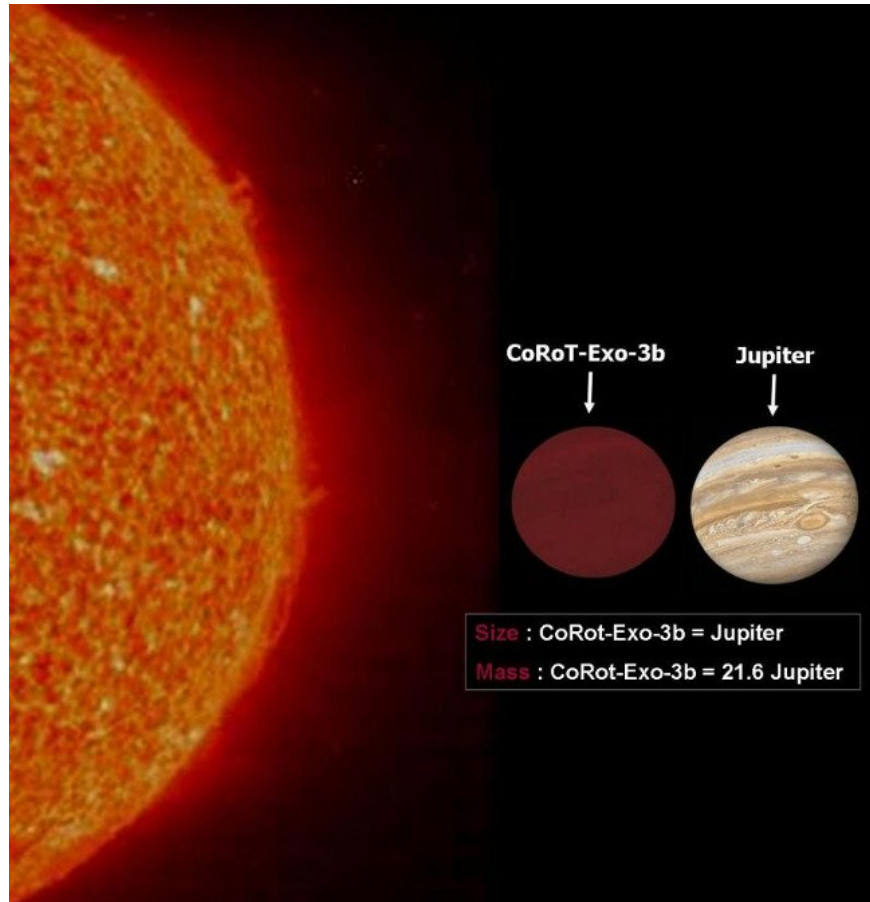


**The planet HAT-P-1** is one of the lightest alien planets to date, orbiting one of the two stars in the constellation Lacerta, about 450 light-years from Earth.

The HAT-P-1 is a giant mass of gas the size of half Jupiter but very light in weight. While the land took a year to wrap around the Sun, the HAT-P-1 took only 4.5 days to go all the way back to the star that it orbited around.

According to astronomers, if there is a large enough tank, the planet can float on water.

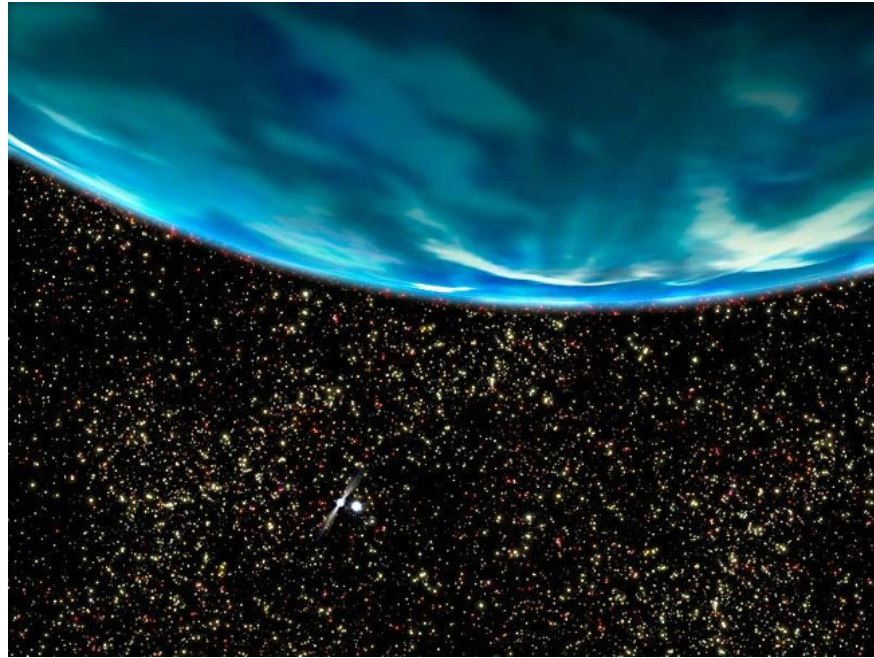
### 4. The planet is heaviest, dense and the highest pressure



**COROT exo-3b** is close to Jupiter, but more than 20 times heavier than Jupiter, double the lead, and 20 times more massive than Jupiter. This is the heaviest and highest pressure planet known to man.

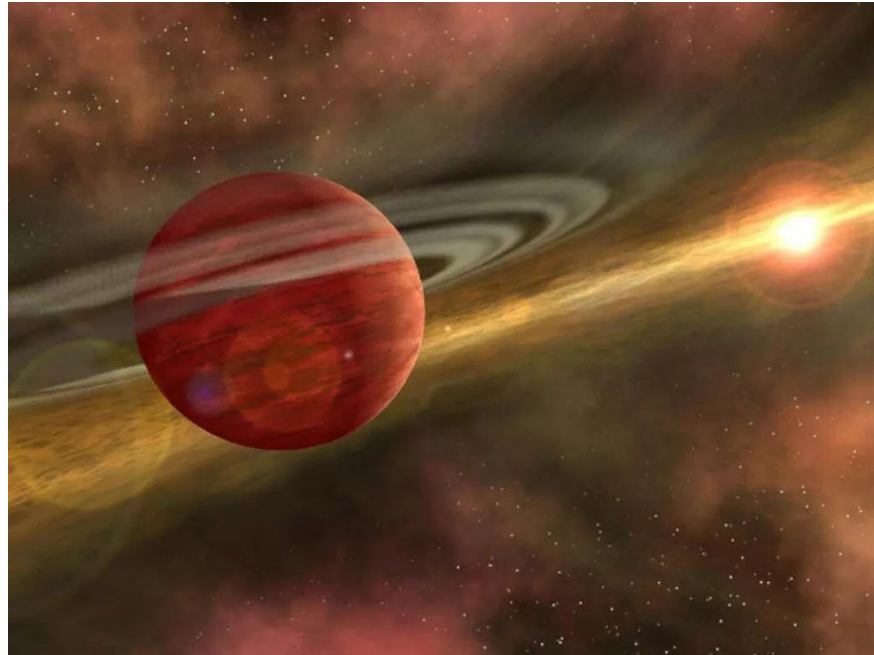
With that pressure, suppose if you weigh 100kg, you will have a mass of up to 5 tons while on this planet. That also means you will be crushed and crumbled immediately by atmospheric pressure. It will feel like there are some elephants sitting on your chest or head.

## 5. The oldest "planet"



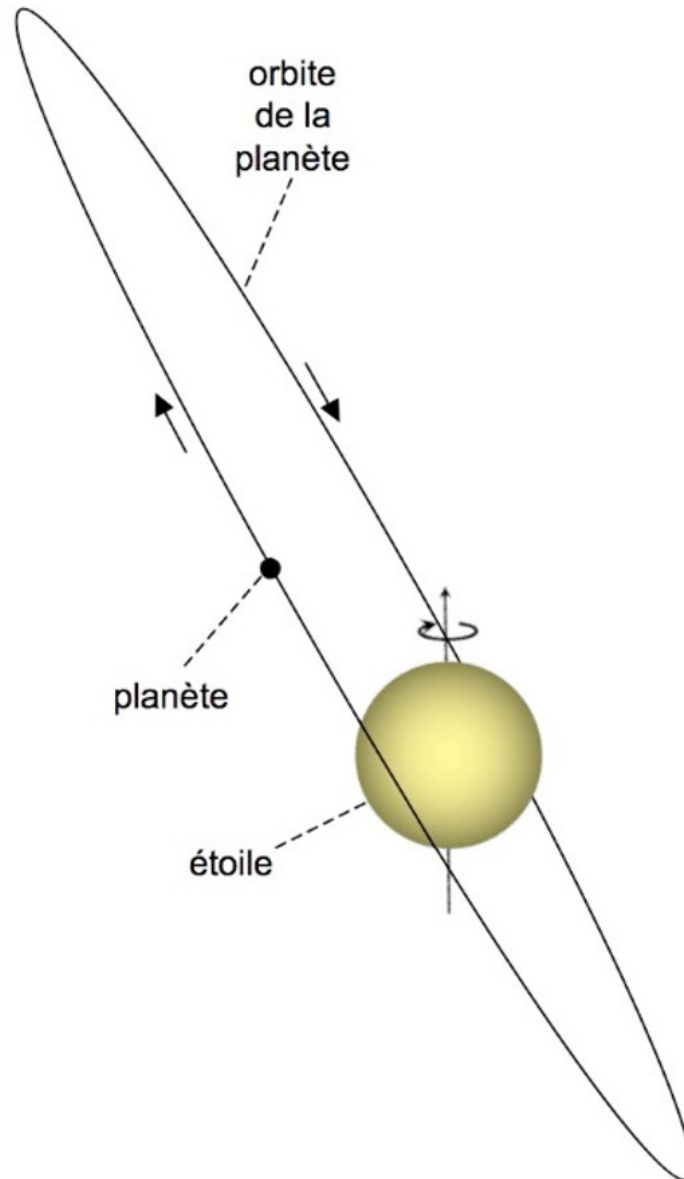
**The Methuselah planet or PSR 1620-26b** was formed just 1 year after the Big Bang. So far, the planet has about "life expectancy" of nearly 13 billion years while the life span of the universe is about 13.7 billion years. It means that it is three times the age of the Earth.

## 6. The youngest planet



**Coku Tau 4** , a star 420 light years from Earth is the youngest planet ever known to man. According to astronomers, the planet only formed less than 1 million years ago.

## 7. The planet is most inclined



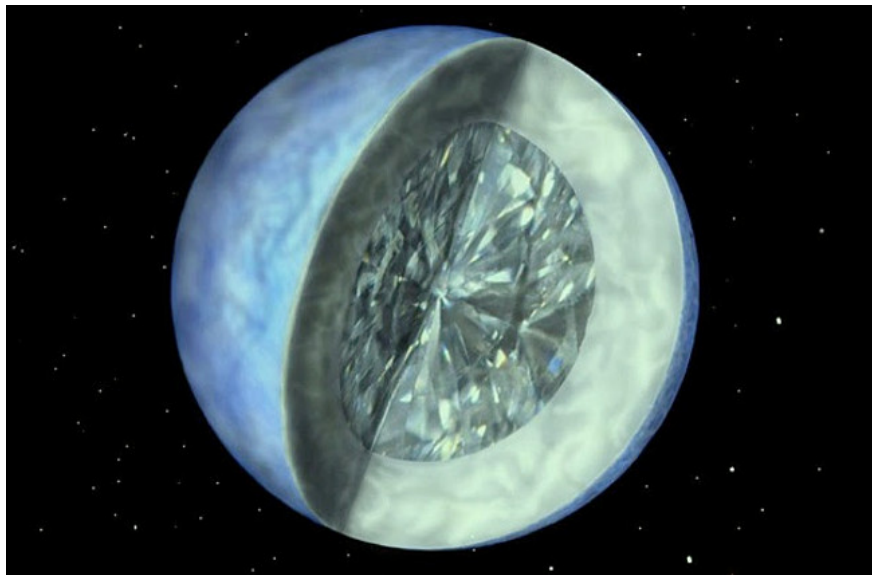
Most planets rotate in the same plane corresponding to the equator of their parent star. But the **XO-3b** is the most bizarre case outside the Solar System because it has an orbital angle of 37 degrees above the parent star's equator. XO-3b has a mass of 11.79 times Jupiter and has a cycle around its mother star of 3.2 days.

## 8. The fastest planet



That is **SWEEPS-10**. Its religion is about 740,000 miles from its parent star, so a year passed on the planet only lasts 10 hours. This planet belongs to another super-fast planet with a rotation of less than a day.

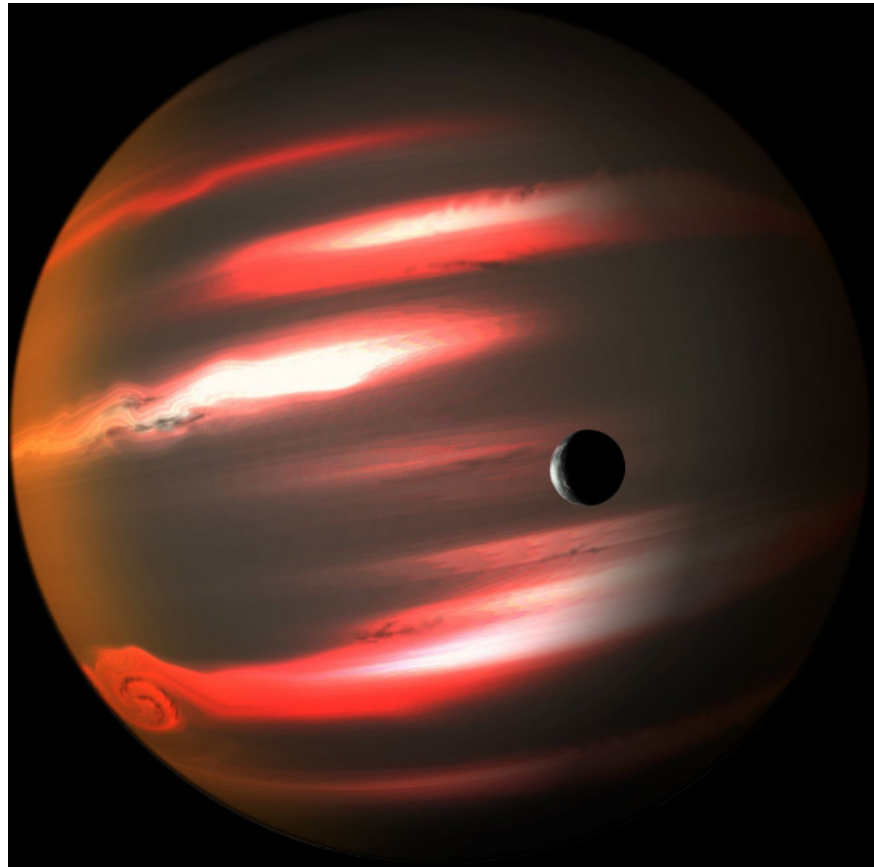
## 9. The "richest" planet



Located at a distance of 4000 light-years away from the constellation Serpens, **PSR J1719-1438** has a diameter of about 60,000 km, 5 times the diameter of the Earth but its mass is only slightly lighter than Carpentery, the biggest star in the solar system.

The main ingredient of this planet is oxygen and dense carbon. The ultra-high pressure of this planet makes the carbon inside it crystallize into diamond.

## 10. The darkest planet



The distant planet TrES-2b only reflects less than 1% of sunlight so it is more black than coal. However, TrES-2b is not completely dark, but it has light red light streaks similar to the glow of burning coal or heated wire in an electric stove. TrES-2b is a mass of gas about the size of Jupiter and the atmosphere on TrES-2b is over 1,000 degrees Celsius and 750 light years from Earth.

## 11. The hottest planet



**WASP-12B** is the hottest planet ever discovered. The surface temperature is about 2,250 degrees Celsius equal to half the sun and double that of volcanic lava. Anything near its atmosphere will melt and evaporate. This "super hot" planet is 871 light years from our Earth.

## 12. The coldest planet and the most distant Earth



The planet outside the solar system called **OGLE-2005-BLG-390L b** is considered to be the coldest planet today with a temperature of minus 220 degrees Celsius. The planet is 5.5 times larger than the Earth and is given is full of stones.

Its trajectory surrounds a red dwarf, about 28,000 light-years from Earth, so it holds the record for the planet most far from Earth.

You finished reading the article "**12 interesting records of planets in the universe**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.

---