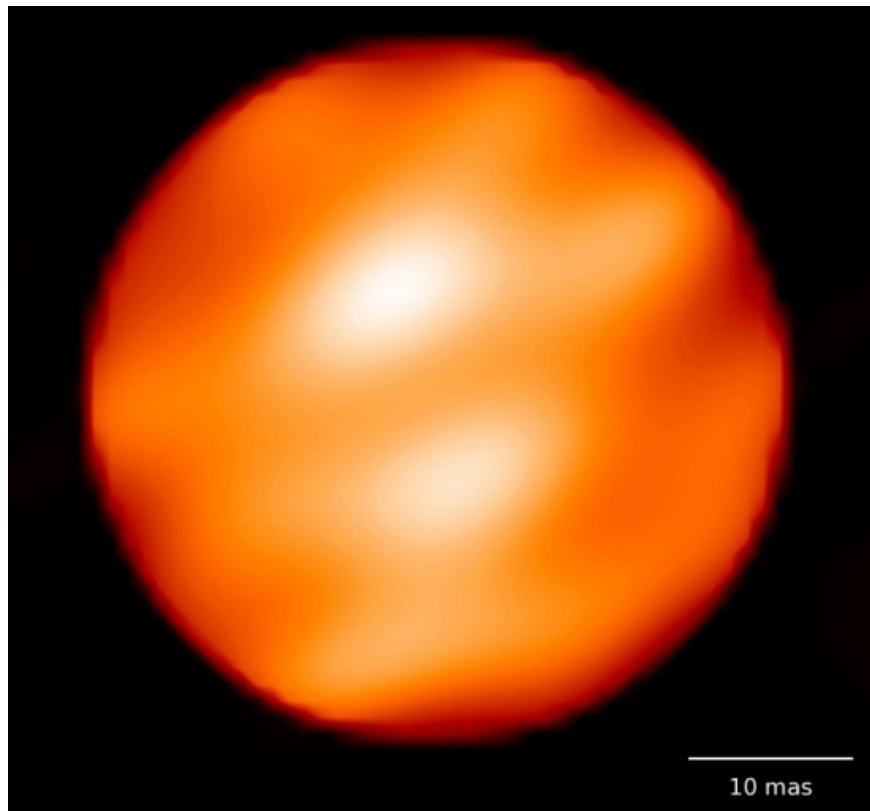


The star about to explode is 100,000 times brighter than the Sun, the light emitted can be observed from the Earth

Betelgeuse is a red giant star, the second brightest in the constellation Orion, located 650 light-years from Earth. This star has a radius of 1,400 times greater than the Sun, 100,000 times brighter than the Sun.

Betelgeuse is a red giant star, the second brightest in the constellation Orion, located 650 light-years from Earth. This star has a radius of 1,400 times greater than the Sun, 100,000 times brighter than the Sun, although it only exists for about 8 million years.

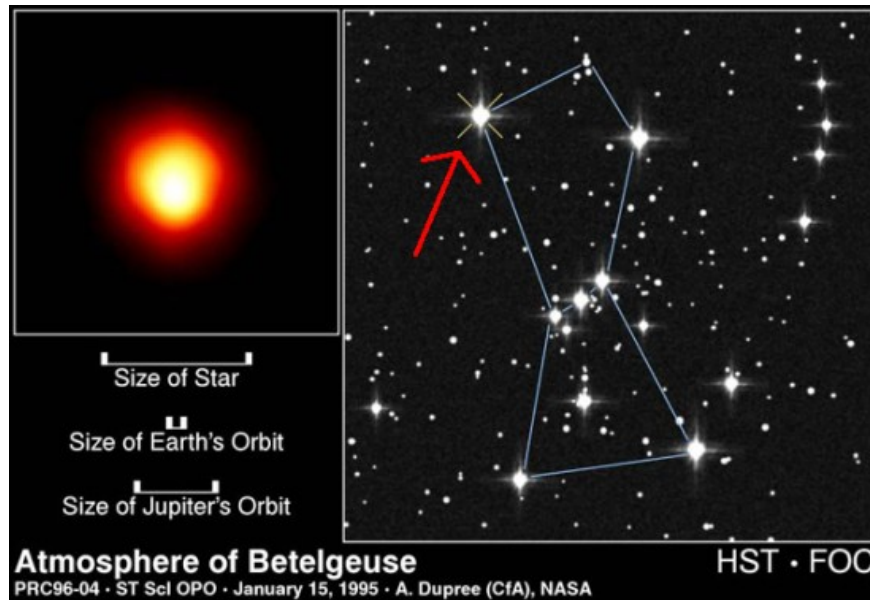
1. Detects the hottest outer planet in the universe, with temperatures up to 4,327 ° C
2. The star is 25 times larger than the Sun, suddenly disappearing, causing astronomers to be confused



Red giant star Betelgeuse.

Currently, Eamon O'Gorman and colleagues at the Dublin Advanced Research Institute (DIAS), Ireland, are observing the chromosphere of the star Betelgeuse at a wavelength below the millimeter with the largest radio telescope gender ALMA located in Chile.

They found that Betelgeuse's atmosphere had an average temperature of 2.487 degrees Celsius at a distance of 1.3 times the star radius, which was lower than the temperature of the photoluminescent (3,417 degrees Celsius) and twice the temperature Star radius. The cause of this phenomenon is due to the large-scale convection process caused by the star's magnetism, making the atmosphere not heated evenly.



Besides, scientists also discovered the dispersal of gas and dust in the spherical atmosphere of Betelgeuse, which was deflected to the East and Northeast. This shows that local warming takes place in the atmosphere of Betelgeuse.

Betelgeuse is reaching the end of development and will explode like a supernova. At that time, a huge energy source that we could not imagine would be released outside. When this happens, the supernova will easily be seen from the Earth, even in daylight.

Does that explosion affect us?

Betelgeuse is located 650 light-years from Earth, which is too far away to affect the Earth. When Betelgeuse explodes, its destructive power will be reduced by more than 600 times so we can be assured.

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