

What 'terrible' will happen if the Earth suddenly stops spinning?

There will be a lot of terrible things that happen if our Earth suddenly one day does not continue to turn. Let us find out 10 terrible things that will happen if the Earth suddenly stops spinning!

1. 40 interesting facts you didn't know about the Sun.
2. The distance from Earth to Jupiter - what is the largest planet of the solar system?
3. What is gamma-ray burst?

There will be a lot of terrible things that happen if our Earth suddenly one day does not continue to turn. Nature and what is happening and going on around the planet we live in are always a big question for everyone. We are always intrigued by the hypothesis that what the **Earth, the people and the whole of the plant and animal life will be like if natural disasters come** . And that may also be the reason why Hollywood likes to make many films about the end of the world.

The **Bright Side** page is very excited about this and decided to discover what disasters will happen if the Earth suddenly stops through **the GIF series illustrated** below. The set of photos gives some assumptions to answer the question: " *What terrible thing will happen if the Earth suddenly stops spinning?* ". The stopped Earth is also seen as the **apocalypse of mankind** and 10 horrible things will prove below.

1. Everything will fly into the air in the east with great speed



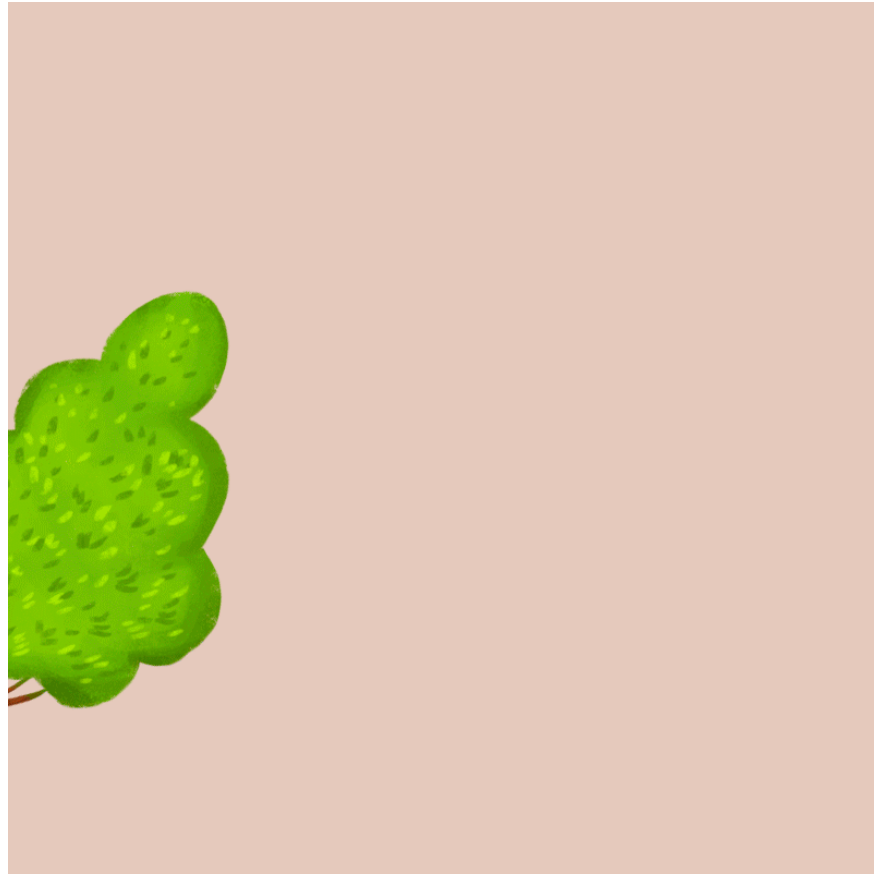
Normally, we rarely pay attention to the **speed of the Earth's rotation** . According to expert *Sten Odenwald* working at NASA, if the Earth stops spinning, everything on the surface will be torn apart and flying east with great velocity, sometimes thrown off the Earth. At the equator, the flight speed will be the largest, up to $447\text{m} / \text{s}$ (*about 1,000 miles per hour*), while the position near the two polar regions has a velocity of $358\text{m} / \text{s}$ (*800 miles per hour*).

2. Huge tsunamis will appear



The power of the wind will cause water in the ocean and ocean to move strongly and then create " *aggressive* " tsunamis, running east and clearing coastal cities.

3. Great winds will start sweeping the Earth



The atmosphere continues to move and spin around the Earth's axis, making it revolve around the Earth a few more times. The initial wind speed will be extremely intense, about 1770km / h (*more than 1,100 miles per hour*) and then gradually increase. In addition, the Earth may lose part of the atmosphere during wind movements.

4. All countries on Earth will focus on 2 oceans and 1 new continent



At the present time, water concentrates on the equatorial zone due to centrifugal force. A sudden stop of the Earth will cause continents and oceans to redistribute themselves and then form two large oceans located at two poles. The lands will gather and create a huge new continent surrounding the Earth at the equator. At this time, the Earth will no longer exist the so-called "*five-year four tanks*" , instead of "*one continent two tanks* ".

5. Volcanoes begin to erupt, storms and earthquakes occur everywhere



The sudden stop of the Earth will shake its core. Consequences of volcanic eruptions, earthquakes or storms with great intensity and destruction occur everywhere are completely predictable.

See also: Stephen Hawking warns: "Humans have only 100 years left to leave Earth"

6. The Earth will have a more perfectly spherical shape than the present



When the Earth turns, the centrifugal force of the rotation will create a bulge in the equator. If it suddenly stops spinning, over time, the Earth will have a perfect sphere because the bulge has flattened.

7. Half a hemisphere is as hot as a desert, the other half is as cold as Antarctica



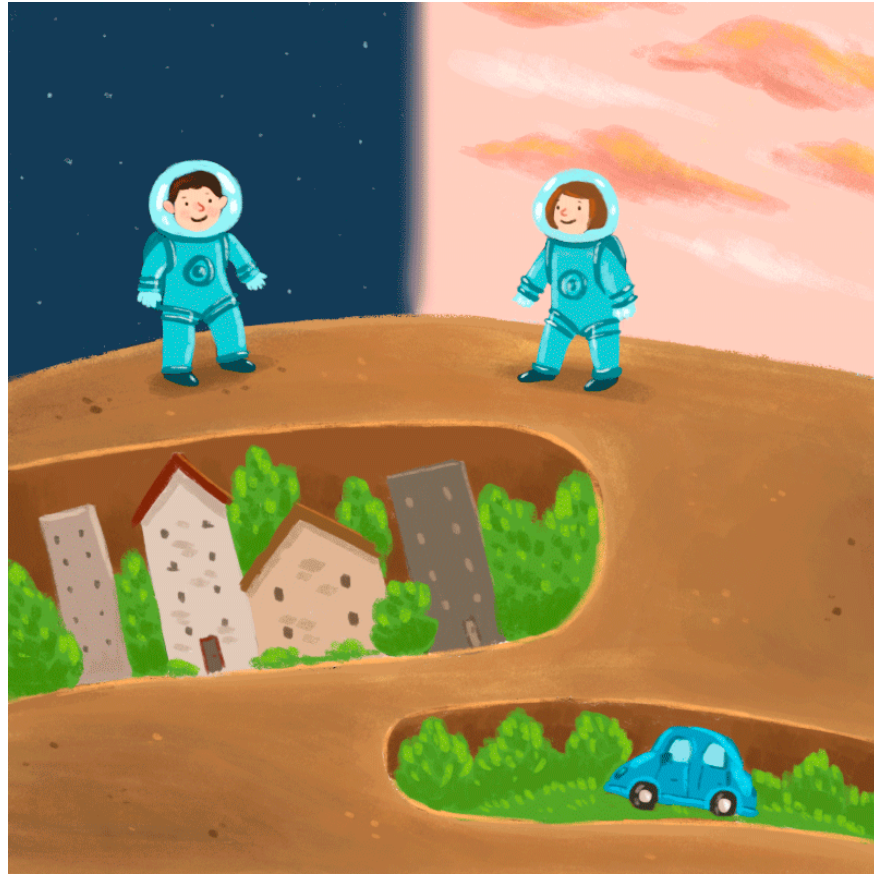
If the Earth continues to spin once more around the Sun, only a fraction is exposed to the Sun. It means that half of the hemisphere will be heated and always bright with the highest temperature in the equator. Meanwhile, the remaining hemisphere will be the kingdom of the eternal night school and the bone-chilling cold of Antarctica. However, NASA has made another hypothesis as follows: The Earth will stop spinning completely and there will be 6 days of the year during which the length of day and night is equal.

8. The magnetic field that protects the Earth from dangerous radiation from the universe will disappear



The magnetic field is primarily formed by liquid hot convection currents inside the Earth's core (*mostly iron*) and the planet's rotation. " *If the planet Earth stops, the magnetic field will disappear,* " predicted NASA Sten Odenwald. The magnetic field protects us from radiation from the Sun, if the magnetic field disappears, causing charged particles from the Sun to destroy all living things on Earth.

9. If surviving, humans will only live in the boundary between hot and cold



People will have to adapt to **new living conditions** in the boundary between day and night, between hot and cold. Humans will only be able to live underground and go out in protective clothing to avoid radiation from the Sun.

10. The moon will eventually fall to Earth



Stanford University professor *Vaughan Pratt* said that **the Moon's movement speed will slow down** and its distance with the Earth will decrease. At some point, it will also fall on our planet.

See also: 12 interesting facts about Red Planet - Mars may not be known

Having fun!

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