

# What's interesting is what happens if the Moon is 400km from Earth?

According to the analysis of scientists, with that distance, the Moon cycle will become faster than Earth. Meanwhile, the Moon will grow in the West and dive in the East every day.

The Moon is the only natural satellite orbiting the Earth, with a diameter of about 3,474 km (more than a quarter of the Earth's diameter). The moon is 384,403 km away from us. With such a long distance, we only see the Moon as a small circle in the sky. Assuming the Moon approaches the Earth with a shortened distance of only about 400km, what will happen?

1. Why didn't NASA intend to return to the Moon?
2. Calculated the time "Moon touched Earth"
3. What will the Earth do if the Moon suddenly disappears?

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The interesting video below will show you what happens on Earth in a day when the distance between Earth and Moon is only 400km.

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