

# Highest cliff in the solar system

What is the tallest cliff in the Solar System?

Verona Rupes, right of center, photographed by Voyager 2 in January 1986. Verona Rupes is the tallest known cliff on Miranda, a moon of Uranus, and plausibly holds the record for the highest cliff in the Solar System. It was discovered by the Voyager 2 space probe in January 1986.

What is the tallest cliff on Earth?

To get a good comparison, we would first have to take a trip to the remote and rugged mountains of northern Canada to see the tallest cliff on Earth. There, we would find ourselves at the base of Mount Thor. We'd also be in front of a massive cliff. The cliff is 4,100 feet tall--without any breaks.

Could you survive a jump off the tallest cliff?

Each day a different image or photograph of our fascinating universe is featured, along with a brief explanation written by a professional astronomer. 2020 November 29 Explanation: Could you survive a jump off the tallest cliff in the Solar System? Quite possibly.

Why is Verona Rupes a cliff?

Verona Rupes is a cliff on Miranda, a moon of Uranus. The cliff has been estimated at 5 kilometers (3 mi) and 20 kilometers (12.4 mi) high, making it the tallest known cliff in the solar system. It may have been created by a major impact, which caused the moon to disrupt and reassemble, or by the crust rifting.

Where do cliffs look out?

The cliffs look out on the narrowest part of the English Channel, which stretches between Great Britain and the continent of Europe. A cliff is a mass of rock that rises very high and is almost vertical, or straight up-and-down. Cliffs are very common landscape features.

What does a cliff look like?

A cliff is a mass of rock that rises very high and is almost vertical, like a wall. The famous White Cliffs of Dover are a chalk formation in the southeast of the island of Great Britain. The cliffs look out on the narrowest part of the English Channel, which stretches between Great Britain and the continent of Europe.

Miranda's Verona Rupes. The tallest known cliff in the galaxy currently towers over the landscape of Miranda, a small moon orbiting Uranus. Its most prominent feature is Verona Rupes, a titanic rock formation captured on ...

Verona Rupes is the tallest known cliff on Miranda, a moon of Uranus, and plausibly holds the record for the highest cliff in the Solar System was discovered by the Voyager 2 space probe in January 1986. Its name was adopted by the International Astronomical Union (IAU) in 1988, named after the city of Verona, which is set in Romeo and Juliet, written by William ...

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From the tallest cliff in the solar system to its largest impact basin, ... about 50km long and several km high, but not actually so cliff-like as it appears as seen by Voyager 2 during its 1986 ...

Jumping off the highest cliff known to humankind, that's what! You should never attempt to jump off any cliff, with or without a parachute. Only trained professionals do this. ... That's right near the far edge of our solar system. It's estimated that this cliff--named Verona Rupes--is over six miles high. It's nearly 33,000 feet tall.

The tallest cliff in the Solar System is Verona Rupes, located on Miranda, a moon of Uranus. It is considered the highest cliff, with some estimates placing its height between 5 to 15 kilometers ...

Claim to Fame: The 5km high Verona Rupes - Solar System's Tallest Cliff More Cool Fun Facts About Miranda ! Miranda hasn't had many visitors, in fact, only the Voyager 2 probe in January 1986 has been to the Uranus system, where it sent back the only images (and much of the knowledge) we have about the little icy moon!

Explanation: Could you survive a jump off the tallest cliff in the Solar System? Quite possibly. Verona Rupes on Uranus " moon Miranda is estimated to be 20 kilometers deep -- ten times the depth of the Earth's Grand Canyon.

Location: Hawaii, US Height: 3315 feet The Kalaupapa cliff juts out from north sea shore cliffs on the island of Molokai. At 3,315 feet above sea level, these cliffs lie in one of the most remote locations in Hawaii and have been formed as a result of volcanic and geological activity over millions of years.. The cliff was formed over 200,000 years ago and for some 900 ...

At some of the apparent junctions between sections there are huge cliffs, including the highest cliff in the Solar System, a staggering 20 kilometers (12 miles) high. With extremely low gravity (the whole moon is only a seventh the diameter of Earth's Moon) if you dropped a rock off the top of this cliff it would take about 10 minutes to hit ...

Verona Rupes is a cliff jutting from the surface of Miranda, a moon of Uranus. The straight vertical of the cliff has been estimated at 10 kilometers tall, or about 33,000 feet, making it the highest cliff and most spectacular BASE jumping opportunity in the Solar System. Don't expect the wind rushing through your hair, though.

Verona Rupes is a cliff on Miranda, a moon of Uranus. [1] The cliff has been estimated at 5 kilometers (3 mi) [2] and 20 kilometers (12.4 mi) [3] high, making it the tallest known cliff in the solar system. [4] It may have been created by a major impact, which caused the moon to disrupt and reassemble, [1] [4] or by the crust rifting. [5]

The ice giant Uranus' moon Miranda is a spelunkers dream -- its jagged surface is replete with canyons,

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scarps, terraced outcrops, and a cliff whose floor is approximately 12.4 miles (20 km) down ...

Olympus Mons, the tallest planetary mountain in the Solar System, compared to Mount Everest and Mauna Kea on Earth (heights shown are above datum or sea level, which differ from the base-to-peak heights given in the list).. This is a list of the tallest mountains in the Solar System. This list includes peaks on all celestial bodies where significant mountains have been ...

Most scientists and mountaineers think the Rupal Flank of Nanga Parbat, a mountain in the Himalayas, is the highest cliff in the world. The Rupal Flank rises 4,600 meters (15,092 feet) above its base. ... Verona Rupes is probably the tallest cliff in the solar system, rising as much as 10 kilometers (6.2 miles) from its base. Credits.

Miranda has one of the most extreme and varied topographies of any object in the Solar System, including Verona Rupes, a roughly 20-kilometre-high (12 mi) scarp that may be the highest cliff in the Solar System, [10] [11] and chevron-shaped tectonic features called coronae. The origin and evolution of this varied geology, the most of any ...

The edge of the volcano's base is marked by a basal cliff that is 6 km high in some places, but has been eradicated by the overflow of lava in the Martian past. Olympus Mons is the result of ...

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Not a canyon, but a cliff, the tallest one in the solar system: Verona Rupes, on the Uranian moon Miranda. Courtesy NASA. Not to be outdone, the minor planet 4 Vesta, boasts a crater called ...

The tallest known cliff in the solar system is called Verona Rupes on Miranda, a small moon that orbits Uranus. In 1986 the Voyager 2 measured it to be around 20 kilometers tall, around 17 times as tall as Mount Thor. ... The solar system's tallest volcano is Olympus Mons at 21.9 km high, it's found on Mars. Also on Mars is a canyon called ...

Solar System Home; Explore This Section Miranda. Miranda reveals a complex geologic history in this view, acquired by Voyager 2 on Jan. 24, 1986, around its close approach to the Uranian moon. ... Due to Miranda's low gravity and large cliffs, a rock dropped off the edge of the highest cliff would take a full 10 minutes to reach the foot of the ...

The highest cliff in the solar system may be Verona Rupes, an approximately 20 km (12 mi) high fault scarp on Miranda, a moon of Uranus. List The following is an incomplete list of cliffs of the world. ... High Cliff, between Boscastle and St Gennys, 223 m above Celtic Sea [17] Hornelen, Norway, 860 m above Skatestraumen;



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