

US explorer reaches the deepest place in the ocean - 6 June, 2019

The Mariana Trench is the deepest place in the ocean. It is located in the Pacific Ocean around 2,200 kilometres east of the Philippines and is over 2,500 kilometres long. That is five times longer than the Grand Canyon. But it is not very wide. On average, it is around 70 kilometres wide. Its deepest point is nearly 11,000 metres deep.

The first dive to the bottom of the Mariana Trench was in 1960, when the US Navy went down to 10,912 metres. In 2012, the film-maker James Cameron made a solo dive. He went down to 10,908 metres. Now, explorer Victor Vescovo, has broken the record. Instruments in his submarine measured the depth on the sea bed at 10,896 metres.

Vescovo's submarine is made of Titanium. The body is 9 cm thick because the pressure at 11,000 metres is more than 1,000 times the pressure at sea level. At the bottom of the Mariana Trench, everything is completely black and the water temperature is only 1 to 4 degrees Celsius. The submarine has cameras and powerful lights, so Vescovo was able to film the sea bed. During the four-hour trip to the bottom of the ocean, he filmed some interesting sea creatures that live in the cold and dark. Sadly, he also filmed some plastic waste.

Vescovo enjoys adventures. He has been to the deepest place on Earth. He has also climbed the highest mountain on each of the world's seven continents, including Everest (8,848 metres), Aconcagua (6,961 metres) and Kilimanjaro (5,895 metres).

What is Mariana Trench?

Where is it?

How long is it?

How deep is it?

When was the first dive in Mariana Trench?

How far did they go?

Who dived alone in 2012?

How far did he go?

Who is the latest person to have done it?

What was the measurement on the sea bed?

What is Vescovo's submarine made of?

What two things are unique about the bottom of Mariana Trench

How long was Vescovo's trip?

What was he able to film?

Where else has he been?