



1

00:00:00,400 --> 00:00:04,700

NASA found traces of water on a sunlit surface of the Moon for the first time.

2

00:00:06,600 --> 00:00:11,200

The discovery was made using SOFIA, the world's largest flying observatory.

3

00:00:12,390 --> 00:00:16,200

The water was detected in Clavius Crater,

4

00:00:17,580 --> 00:00:22,488

a large crater in the Moon's southern hemisphere visible from Earth.

5

00:00:23,000 --> 00:00:27,800

The water may be delivered by tiny meteorite impacts

6

00:00:28,200 --> 00:00:33,230

or formed by the interaction of energetic particles ejected from the sun.

7

00:00:34,500 --> 00:00:38,760

The finding furthers the case that water is not limited to the Moon's cold, shadowed regions...

8

00:00:40,300 --> 00:00:43,818

and may be distributed across the lunar surface.