



1

00:00:01,668 --> 00:00:04,538

NASA's Lunar Reconnaissance  
Orbiter found new evidence of

2

00:00:04,538 --> 00:00:09,443

possible water ice in craters  
near the south pole of the moon.

3

00:00:09,443 --> 00:00:12,479

Some craters have regions that  
look bright, with increased

4

00:00:12,479 --> 00:00:15,649

reflectance when illuminated  
with laser pulses sent from the

5

00:00:15,649 --> 00:00:20,120

spacecraft. Temperature readings  
reveal areas where it's cold

6

00:00:20,120 --> 00:00:24,591

enough for water ice to be  
stable. Areas that are both very

7

00:00:24,591 --> 00:00:28,028

cold and bright could be the  
places where water ice exists on