



1
00:00:00,400 --> 00:00:02,235
[■]

2
00:00:02,268 --> 00:00:04,237
The Mars Report
July 3, 2018

3
00:00:11,978 --> 00:00:07,373
Opportunity Rover

4
00:00:12,011 --> 00:00:13,946
global dust storm.

5
00:00:13,979 --> 00:00:16,949
Less sunlight means the
solar-powered rover

6
00:00:16,982 --> 00:00:18,951
can't generate power.

7
00:00:20,085 --> 00:00:22,422
The rover entered "sleep mode"
to conserve energy.

8
00:00:24,190 --> 00:00:27,160
Mission planners hope to hear
from it once the dust settles.

9
00:00:29,495 --> 00:00:31,464
Curiosity Rover

10
00:00:34,166 --> 00:00:36,135
On the other side of Mars,

11
00:00:36,168 --> 00:00:39,138
Curiosity is faring better
in the storm.

12

00:00:42,374 --> 00:00:43,709

Curiosity sent back
images showing

13

00:00:43,742 --> 00:00:45,778

intensifying dust at its
location near Gale Crater.

14

00:00:46,779 --> 00:00:48,147

Before and after images
show the difference

15

00:00:48,180 --> 00:00:49,515

since the storm began.

16

00:00:50,516 --> 00:00:51,784

Curiosity gets power
from a nuclear battery,

17

00:00:51,817 --> 00:00:53,619

so the lack of sunlight
is not a problem.

18

00:00:54,553 --> 00:00:55,755

Before the storm,
Curiosity delivered

19

00:00:55,788 --> 00:00:57,690

new rock samples to its
on-board laboratories.

20

00:00:57,723 --> 00:00:59,692

Mars Orbiters

21

00:01:01,794 --> 00:01:04,764

Mars dust storms like this one
occur every 6 to 8 Earth years.

22

00:01:05,498 --> 00:01:08,034

NASA's fleet of Mars orbiters

23

00:01:08,067 --> 00:01:11,037
are observing and
studying the storm.

24

00:01:12,738 --> 00:01:15,708
The data will help the
rover teams and scientists

25

00:01:15,741 --> 00:01:17,710
understand these storms better.

26

00:01:21,447 --> 00:01:24,150
Tonight, go outside
and look at Mars!

27

00:01:26,318 --> 00:01:28,287
Through July Mars will make

28

00:01:28,320 --> 00:01:31,290
its closest approach
to Earth in 15 years.

29

00:01:35,394 --> 00:01:38,364
NASA Jet Propulsion Laboratory