



1
00:00:11,259 --> 00:00:08,509
I'm JPL a Mars rover driver Scott

2
00:00:13,759 --> 00:00:11,269
Maxwell and this is a Mars rover update

3
00:00:15,230 --> 00:00:13,769
the MER operations team heed the

4
00:00:16,880 --> 00:00:15,240
collective sigh of relief as we heard

5
00:00:18,890 --> 00:00:16,890
from spirit right on schedule this week

6
00:00:20,120 --> 00:00:18,900
despite a dangerous Martian dust storm

7
00:00:22,759 --> 00:00:20,130
that darkened the skies over her

8
00:00:24,830 --> 00:00:22,769
location this dramatic series of images

9
00:00:26,900 --> 00:00:24,840
taken by spirit over at Enfield period

10
00:00:29,660 --> 00:00:26,910
shows the sun being nearly blotted out

11
00:00:31,040 --> 00:00:29,670
by the storm then slowly reemerging the

12
00:00:32,840 --> 00:00:31,050
storm reduced the energy generated by

13
00:00:35,360 --> 00:00:32,850

spirit stoller panels to an all-time low

14

00:00:36,680 --> 00:00:35,370

of only 89 watt hours that's about what

15

00:00:38,270 --> 00:00:36,690

it takes to run an ordinary kitchen

16

00:00:41,209 --> 00:00:38,280

light bulb for only an hour and a half

17

00:00:43,580 --> 00:00:41,219

as a result this team instructed to take

18

00:00:45,200 --> 00:00:43,590

emergency measures not to burn costly

19

00:00:46,940 --> 00:00:45,210

energy communicating with earth but

20

00:00:48,970 --> 00:00:46,950

instead to take every available step to

21

00:00:51,680 --> 00:00:48,980

reduce energy and ride out the storm

22

00:00:53,299 --> 00:00:51,690

strategy worked great beads in much

23

00:00:55,189 --> 00:00:53,309

better shape now her energy level has

24

00:00:57,110 --> 00:00:55,199

doubled from a dull time low although

25

00:00:58,880 --> 00:00:57,120

it's still very well so she's still in

26

00:01:02,119 --> 00:00:58,890

intensive care but she's out of critical

27

00:01:03,290 --> 00:01:02,129

condition we hope that her energy level

28

00:01:05,899 --> 00:01:03,300

will continue to improve over the next

29

00:01:08,420 --> 00:01:05,909

few days as storm continues to abate and

30

00:01:10,490 --> 00:01:08,430

we'll hear from her again soon meanwhile

31

00:01:12,710 --> 00:01:10,500

on the other side of Mars spirits twin

32

00:01:15,080 --> 00:01:12,720

sister opportunity is far away from the

33

00:01:17,690 --> 00:01:15,090

storm rolling along happily under sunny

34

00:01:19,340 --> 00:01:17,700

Martian skies and making excellent

35

00:01:22,370 --> 00:01:19,350

progress towards our next goal endeavour