



Mission Manager-A

1
00:00:04,460 --> 00:00:03,050
good afternoon I'm Byron Jones and this

2
00:00:06,980 --> 00:00:04,470
is the mission manager update for the

3
00:00:08,629 --> 00:00:06,990
mars exploration rover project over the

4
00:00:10,339 --> 00:00:08,639
last month both vehicles have

5
00:00:11,839 --> 00:00:10,349
experienced the worst dust storm since

6
00:00:14,930 --> 00:00:11,849
landing on the surface over thirteen

7
00:00:16,580 --> 00:00:14,940
hundred dollars ago over the last forty

8
00:00:19,820 --> 00:00:16,590
Sol's neither vehicle has had much

9
00:00:21,950 --> 00:00:19,830
activity due to the dust owns the Low

10
00:00:23,270 --> 00:00:21,960
Energy has challenged the engineering

11
00:00:24,860 --> 00:00:23,280
team to come up with techniques to

12
00:00:28,040 --> 00:00:24,870
balance battery load with dropping

13
00:00:30,470 --> 00:00:28,050

temperatures at one point opportunity

14

00:00:33,709 --> 00:00:30,480

saw record low of about 120 watt hours

15

00:00:35,270 --> 00:00:33,719

on the solar arrays at this time martian

16

00:00:36,829 --> 00:00:35,280

skies are clearing overdue seven

17

00:00:39,220 --> 00:00:36,839

meridian and craters and both vehicles

18

00:00:41,809 --> 00:00:39,230

are resuming regular science operation

19

00:00:43,309 --> 00:00:41,819

images taken from mars color imager on

20

00:00:45,770 --> 00:00:43,319

board Mars Reconnaissance Orbiter

21

00:00:47,419 --> 00:00:45,780

indicate that there is no dust storms

22

00:00:49,279 --> 00:00:47,429

nearby either vehicle but the

23

00:00:53,059 --> 00:00:49,289

atmospheric opacity levels are still

24

00:00:56,389 --> 00:00:53,069

high right now it has salt 1307 for

25

00:00:58,160 --> 00:00:56,399

spirit last week Spirit emerged from

26
00:01:01,879 --> 00:00:58,170
Silicon Valley and is now resting on top

27
00:01:03,590 --> 00:01:01,889
home plate over 550 Sol's ago beard

28
00:01:06,170 --> 00:01:03,600
explored the northern tip of home plate

29
00:01:10,420 --> 00:01:06,180
and this time we'll be investigating the

30
00:01:14,330 --> 00:01:10,430
southern region an opportunity it's all

31
00:01:16,340 --> 00:01:14,340
1286 opportunity weathered out the Duff

32
00:01:19,430 --> 00:01:16,350
storm sitting about 20 meters from duck

33
00:01:21,680 --> 00:01:19,440
Bay last week we drove to within one

34
00:01:23,950 --> 00:01:21,690
meter of victorias rim to image duck Bay

35
00:01:26,810 --> 00:01:23,960
and potential ingress location after

36
00:01:28,610 --> 00:01:26,820
close analysis the team has concluded

37
00:01:31,190 --> 00:01:28,620
that the best place that inter duck Bay

38
00:01:33,610 --> 00:01:31,200

is actually within metres of the first

39

00:01:36,110 --> 00:01:33,620

location we reached there and saw 951

40

00:01:37,340 --> 00:01:36,120

well that's it for today I'm Byron Jones