



LOAD TEST
6 13

C 7632

1
00:00:05,430 --> 00:00:02,950
here's some of the stories trending this

2
00:00:07,349 --> 00:00:05,440
week at nasa

3
00:00:09,430 --> 00:00:07,359
nasa's newest astronaut class was in

4
00:00:12,070 --> 00:00:09,440
washington d.c recently discussing the

5
00:00:14,390 --> 00:00:12,080
future of human exploration and stem

6
00:00:16,790 --> 00:00:14,400
education at the annual white house

7
00:00:19,269 --> 00:00:16,800
state of science technology engineering

8
00:00:21,349 --> 00:00:19,279
and math address hosted by presidential

9
00:00:23,590 --> 00:00:21,359
science advisor john holdren

10
00:00:25,429 --> 00:00:23,600
the astronaut candidates shared advice

11
00:00:26,390 --> 00:00:25,439
and insight with some students at the

12
00:00:28,470 --> 00:00:26,400
event

13
00:00:30,710 --> 00:00:28,480

later with nasa's head of education and

14

00:00:32,470 --> 00:00:30,720

former astronaut leland melvin they

15

00:00:34,389 --> 00:00:32,480

interacted with more students at a

16

00:00:36,709 --> 00:00:34,399

smithsonian national air and space

17

00:00:38,310 --> 00:00:36,719

museum event that included a live

18

00:00:39,830 --> 00:00:38,320

conversation with the international

19

00:00:42,310 --> 00:00:39,840

space station crew

20

00:00:44,229 --> 00:00:42,320

the astronaut trainees who also visited

21

00:00:47,110 --> 00:00:44,239

goddard in maryland and langley in

22

00:00:49,350 --> 00:00:47,120

virginia could play key roles in nasa's

23

00:00:51,990 --> 00:00:49,360

vision to send astronauts beyond the

24

00:00:54,470 --> 00:00:52,000

moon to an asteroid redirect mission and

25

00:00:56,549 --> 00:00:54,480

on to mars

26

00:00:58,950 --> 00:00:56,559

outside the international space station

27

00:01:01,189 --> 00:00:58,960

russian cosmonauts oleg kotov and sergey

28

00:01:03,670 --> 00:01:01,199

ryazanskiy successfully completed a

29

00:01:06,550 --> 00:01:03,680

spacewalk to reinstall and activate a

30

00:01:08,630 --> 00:01:06,560

pair of cameras designed to downlink

31

00:01:10,789 --> 00:01:08,640

earth views for a commercial venture

32

00:01:12,550 --> 00:01:10,799

between a canadian firm and the russian

33

00:01:14,230 --> 00:01:12,560

federal space agency

34

00:01:16,710 --> 00:01:14,240

the spacewalk followed up the

35

00:01:19,749 --> 00:01:16,720

unsuccessful initial attempt to fully

36

00:01:22,149 --> 00:01:19,759

install the cameras on december 27th

37

00:01:24,070 --> 00:01:22,159

the first round of tests are underway at

38

00:01:26,149 --> 00:01:24,080

marshall space flight center on a scale

39

00:01:28,630 --> 00:01:26,159

model of the space launch system to

40

00:01:30,789 --> 00:01:28,640

study how low and high frequency sound

41

00:01:32,149 --> 00:01:30,799

waves affect the rocket while it's on

42

00:01:34,069 --> 00:01:32,159

the launch pad

43

00:01:36,149 --> 00:01:34,079

sound from rocket engines and boosters

44

00:01:38,710 --> 00:01:36,159

can impact a rocket and its crew

45

00:01:41,510 --> 00:01:38,720

especially at liftoff the testing will

46

00:01:43,510 --> 00:01:41,520

help verify the rocket's design and be

47

00:01:46,149 --> 00:01:43,520

used to develop an effective system to

48

00:01:48,230 --> 00:01:46,159

suppress the sound

49

00:01:51,030 --> 00:01:48,240

nasa's lunar atmosphere and dust

50

00:01:53,830 --> 00:01:51,040

environment explorer orladi mission has

51
00:01:55,749 --> 00:01:53,840
been extended to april 21st the

52
00:01:58,389 --> 00:01:55,759
extension gives the satellite which has

53
00:02:00,789 --> 00:01:58,399
been orbiting the moon since october 6th

54
00:02:02,789 --> 00:02:00,799
time to gather additional low altitude

55
00:02:05,429 --> 00:02:02,799
data on the chemical composition of the

56
00:02:07,510 --> 00:02:05,439
moon's atmosphere to help researchers

57
00:02:10,150 --> 00:02:07,520
better understand other planetary bodies

58
00:02:12,309 --> 00:02:10,160
in the solar system

59
00:02:13,910 --> 00:02:12,319
officials and researchers previewed the

60
00:02:15,990 --> 00:02:13,920
upcoming global precipitation

61
00:02:18,390 --> 00:02:16,000
measurement core observatory mission and

62
00:02:19,910 --> 00:02:18,400
its science during briefings at goddard

63
00:02:21,910 --> 00:02:19,920

space flight center

64

00:02:25,110 --> 00:02:21,920

a joint effort between nasa and the

65

00:02:26,869 --> 00:02:25,120

japan aerospace exploration agency gpm

66

00:02:28,630 --> 00:02:26,879

is scheduled to launch from japan

67

00:02:30,229 --> 00:02:28,640

february 27th

68

00:02:32,470 --> 00:02:30,239

the mission's next generation

69

00:02:35,430 --> 00:02:32,480

measurements of rain and snowfall from

70

00:02:38,949 --> 00:02:35,440

space will usher in a new era of global

71

00:02:41,589 --> 00:02:38,959

weather observing and climate science

72

00:02:44,550 --> 00:02:41,599

january 31st was nasa's day of

73

00:02:46,309 --> 00:02:44,560

remembrance honoring the fallen heroes

74

00:02:49,750 --> 00:02:46,319

of apollo 1

75

00:02:52,470 --> 00:02:49,760

challenger and colombia and all members

76

00:02:54,470 --> 00:02:52,480

of the nasa family who lost their lives

77

00:02:55,910 --> 00:02:54,480

furthering the cause of exploration and

78

00:02:57,910 --> 00:02:55,920

discovery

79

00:03:00,070 --> 00:02:57,920

administrator charlie bolden took part

80

00:03:02,869 --> 00:03:00,080

in a wreath lane at arlington national

81

00:03:05,110 --> 00:03:02,879

cemetery joining others at nasa centers

82

00:03:07,670 --> 00:03:05,120

around the country in commemorating the

83

00:03:09,750 --> 00:03:07,680

annual observance

84

00:03:11,509 --> 00:03:09,760

and that's what's up this week at nasa

85

00:03:13,589 --> 00:03:11,519

for more on these and other stories

86

00:03:16,470 --> 00:03:13,599

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