



Space**to**Ground

1
00:00:07,030 --> 00:00:05,030
houston station on space to ground

2
00:00:09,509 --> 00:00:07,040
welcome to space to ground i'm nilla for

3
00:00:11,749 --> 00:00:09,519
ramji recent results from a study on

4
00:00:13,990 --> 00:00:11,759
astronauts earth photography and a very

5
00:00:17,109 --> 00:00:14,000
busy march is ahead of us activity

6
00:00:19,109 --> 00:00:17,119
continues aboard the space station

7
00:00:21,189 --> 00:00:19,119
a picture is worth a thousand words but

8
00:00:23,349 --> 00:00:21,199
images from the crew earth observation

9
00:00:25,589 --> 00:00:23,359
experiment have value that is beyond

10
00:00:27,670 --> 00:00:25,599
words crew members aboard the space

11
00:00:29,509 --> 00:00:27,680
station use a wealth of digital cameras

12
00:00:30,630 --> 00:00:29,519
to record how the planet is changing

13
00:00:32,549 --> 00:00:30,640

over time

14

00:00:34,470 --> 00:00:32,559

one study used satellite imagery and

15

00:00:37,270 --> 00:00:34,480

data pulled from crew photographs to

16

00:00:38,950 --> 00:00:37,280

computationally model nighttime light

17

00:00:40,470 --> 00:00:38,960

it provides a unique perspective of

18

00:00:42,310 --> 00:00:40,480

light spectrum signatures and the

19

00:00:44,310 --> 00:00:42,320

difference between outdoor lamp types

20

00:00:46,389 --> 00:00:44,320

resulting in statistical maps of the

21

00:00:49,110 --> 00:00:46,399

relative contribution of different lamp

22

00:00:51,270 --> 00:00:49,120

types you can access more than 3 million

23

00:00:53,110 --> 00:00:51,280

astronaut taken earth images online

24

00:00:55,510 --> 00:00:53,120

thanks in large part to the crew earth

25

00:00:57,350 --> 00:00:55,520

observations experiment

26

00:00:59,590 --> 00:00:57,360

there is an old proverb that the month

27

00:01:02,229 --> 00:00:59,600

of march comes in like a lion and goes

28

00:01:04,549 --> 00:01:02,239

out like a lamb well the opposite can be

29

00:01:06,310 --> 00:01:04,559

said for this march at least in human

30

00:01:08,149 --> 00:01:06,320

space flight

31

00:01:10,230 --> 00:01:08,159

activities on orbit start to rev up on

32

00:01:11,750 --> 00:01:10,240

march 15th when kayla baron and raj

33

00:01:13,270 --> 00:01:11,760

ashari step out of the airlock to

34

00:01:15,990 --> 00:01:13,280

prepare the station for the next

35

00:01:17,670 --> 00:01:16,000

installment of the irosa power channels

36

00:01:21,109 --> 00:01:17,680

as always you can see the spacewalk on

37

00:01:22,870 --> 00:01:21,119

nasa tv nasa.gov or the nasa app we will

38

00:01:24,710 --> 00:01:22,880

have a preview of all spacewalk

39

00:01:26,710 --> 00:01:24,720

activities for the month when we host a

40

00:01:28,950 --> 00:01:26,720

briefing from houston

41

00:01:30,630 --> 00:01:28,960

march 15th will also mark a milestone as

42

00:01:32,870 --> 00:01:30,640

nasa astronaut mark vande high will

43

00:01:34,550 --> 00:01:32,880

surpass scott kelly as the u.s record

44

00:01:35,670 --> 00:01:34,560

holder for the longest single space

45

00:01:38,230 --> 00:01:35,680

flight

46

00:01:40,550 --> 00:01:38,240

a few days later on march 18th the soyuz

47

00:01:42,310 --> 00:01:40,560

ms-21 crew launches from the bike north

48

00:01:44,710 --> 00:01:42,320

cosmodrome and arrives to the space

49

00:01:46,469 --> 00:01:44,720

station just two orbits later

50

00:01:48,789 --> 00:01:46,479

then the crew is outside the space

51
00:01:50,550 --> 00:01:48,799
station again on march 23rd for another

52
00:01:53,270 --> 00:01:50,560
u.s spacewalk where they will replace

53
00:01:55,830 --> 00:01:53,280
the radiator beam valve module hoses

54
00:01:58,389 --> 00:01:55,840
on march 30th the undocking and landing

55
00:02:00,310 --> 00:01:58,399
of soyuz ms-19 will return nasa

56
00:02:02,389 --> 00:02:00,320
astronaut mark vande high and russian

57
00:02:05,429 --> 00:02:02,399
cosmonaut peter dubrov to earth

58
00:02:07,109 --> 00:02:05,439
following the american record of 355

59
00:02:09,350 --> 00:02:07,119
days in space

60
00:02:11,670 --> 00:02:09,360
and finally at the end of the month the

61
00:02:14,710 --> 00:02:11,680
launch from florida of the axiom space

62
00:02:16,949 --> 00:02:14,720
ax1 mission the first all private crew

63
00:02:18,949 --> 00:02:16,959

to visit the space station

64

00:02:21,270 --> 00:02:18,959

you can stay updated on everything on

65

00:02:23,910 --> 00:02:21,280

station by following us on twitter at

66

00:02:25,430 --> 00:02:23,920

space underscore station that's space to

67

00:02:33,750 --> 00:02:25,440

ground for this week thanks so much for