



# Space to Ground

1  
00:00:06,950 --> 00:00:04,950  
houston station on space to ground

2  
00:00:09,350 --> 00:00:06,960  
welcome to space to ground i'm nilla for

3  
00:00:11,110 --> 00:00:09,360  
ramji a return to earth and something

4  
00:00:14,789 --> 00:00:11,120  
spicy here's what happened this week

5  
00:00:16,710 --> 00:00:14,799  
aboard the international space station

6  
00:00:18,470 --> 00:00:16,720  
touchdown confirmed

7  
00:00:21,029 --> 00:00:18,480  
during the early morning hours on

8  
00:00:23,189 --> 00:00:21,039  
october 17th russian cosmonaut oleg

9  
00:00:25,269 --> 00:00:23,199  
novitskiy along with russian actress

10  
00:00:27,189 --> 00:00:25,279  
yulia parisild and producer klim

11  
00:00:29,910 --> 00:00:27,199  
shipenko returned to earth on their

12  
00:00:31,669 --> 00:00:29,920  
soyuz ms-18 spacecraft this was

13  
00:00:33,990 --> 00:00:31,679

novitskiy's third mission that spanned

14

00:00:35,990 --> 00:00:34,000

over 3 000 orbits of earth covering over

15

00:00:38,069 --> 00:00:36,000

80 million miles

16

00:00:40,310 --> 00:00:38,079

spacecraft participants paracelled and

17

00:00:42,150 --> 00:00:40,320

shipanko returned to earth with 12 days

18

00:00:44,630 --> 00:00:42,160

in space during which they filmed

19

00:00:46,150 --> 00:00:44,640

portions of an upcoming movie titled

20

00:00:48,229 --> 00:00:46,160

challenge

21

00:00:50,950 --> 00:00:48,239

research into growing plants in space

22

00:00:53,350 --> 00:00:50,960

continues with a spicy twist

23

00:00:55,189 --> 00:00:53,360

as we prepare for long duration missions

24

00:00:57,510 --> 00:00:55,199

further from earth it will be important

25

00:00:59,270 --> 00:00:57,520

for astronauts to grow their own food

26  
00:01:00,869 --> 00:00:59,280  
currently aboard the international space

27  
00:01:03,110 --> 00:01:00,879  
station crew members are seeing the

28  
00:01:05,509 --> 00:01:03,120  
fruits of their laborers in the advanced

29  
00:01:06,710 --> 00:01:05,519  
plant habitat where chili peppers are

30  
00:01:08,870 --> 00:01:06,720  
emerging

31  
00:01:10,630 --> 00:01:08,880  
peppers are a good source of vitamin c

32  
00:01:12,230 --> 00:01:10,640  
which will be an important dietary

33  
00:01:14,710 --> 00:01:12,240  
supplement for the long duration

34  
00:01:16,789 --> 00:01:14,720  
missions in the future nasa astronaut

35  
00:01:18,230 --> 00:01:16,799  
megan macarthur tweeted that the crew

36  
00:01:20,149 --> 00:01:18,240  
was just a few weeks away from

37  
00:01:22,789 --> 00:01:20,159  
harvesting and eating the first peppers

38  
00:01:24,710 --> 00:01:22,799

in space so stay tuned

39

00:01:28,149 --> 00:01:24,720

the space station crew is preparing for

40

00:01:30,630 --> 00:01:28,159

the arrival of a russian cargo ship

41

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

the progress 79 resupply craft is

42

00:01:35,590 --> 00:01:32,880

scheduled to launch on october 27th from

43

00:01:37,590 --> 00:01:35,600

the baikonur cosmodrome in kazakhstan

44

00:01:39,830 --> 00:01:37,600

the launch of this progress follows the

45

00:01:41,590 --> 00:01:39,840

relocation of the progress 78 cargo

46

00:01:43,990 --> 00:01:41,600

craft currently on station from the

47

00:01:46,069 --> 00:01:44,000

poisk module to the noka module

48

00:01:48,550 --> 00:01:46,079

nasa tv will provide live coverage of

49

00:01:51,109 --> 00:01:48,560

the launch on nasa tv the agency's

50

00:01:52,950 --> 00:01:51,119

website and the nasa app space to ground

51  
00:01:54,950 --> 00:01:52,960  
last week we reported that three

52  
00:01:56,069 --> 00:01:54,960  
cubesats developed by students were shot

53  
00:01:57,910 --> 00:01:56,079  
into space

54  
00:02:00,069 --> 00:01:57,920  
we wanted to make a correction that it

55  
00:02:02,069 --> 00:02:00,079  
was the university of massachusetts and

56  
00:02:03,830 --> 00:02:02,079  
not the university of michigan that

57  
00:02:06,069 --> 00:02:03,840  
developed one of the cubesats that was

58  
00:02:08,550 --> 00:02:06,079  
deployed from the space station our

59  
00:02:10,229 --> 00:02:08,560  
apologies for the error

60  
00:02:11,830 --> 00:02:10,239  
that's spacetogram for this week thanks

61  
00:02:13,160 --> 00:02:11,840  
so much for watching we'll see you next

62  
00:02:23,589 --> 00:02:13,170  
week