



SPACE TO GROUND

1
00:00:06,230 --> 00:00:03,510
houston station on space to ground

2
00:00:08,150 --> 00:00:06,240
next stop planet earth

3
00:00:10,310 --> 00:00:08,160
welcome to space to ground i'm dan

4
00:00:12,549 --> 00:00:10,320
hewitt just over one month after

5
00:00:15,749 --> 00:00:12,559
arriving at the station it was time for

6
00:00:19,029 --> 00:00:15,759
spacex's eighth dragon to return

7
00:00:21,269 --> 00:00:19,039
after packing over 3 700 pounds of cargo

8
00:00:23,189 --> 00:00:21,279
into the capsule the crew said farewell

9
00:00:25,269 --> 00:00:23,199
to dragon on wednesday

10
00:00:27,509 --> 00:00:25,279
british astronaut tim peake sent the

11
00:00:29,830 --> 00:00:27,519
command for the station's robotic arm to

12
00:00:32,310 --> 00:00:29,840
release the cargo craft which then flew

13
00:00:34,310 --> 00:00:32,320

away to set up for re-entry

14

00:00:36,790 --> 00:00:34,320

dragons splashed down in the pacific

15

00:00:38,790 --> 00:00:36,800

ocean to the southwest of california

16

00:00:40,790 --> 00:00:38,800

where teams from spacex were ready to

17

00:00:43,350 --> 00:00:40,800

pluck it out of the water and begin

18

00:00:45,110 --> 00:00:43,360

unloading the cargo on board

19

00:00:47,110 --> 00:00:45,120

the one-year mission may have ended in

20

00:00:50,069 --> 00:00:47,120

march but a lot of the science samples

21

00:00:53,510 --> 00:00:50,079

are just now making their way to earth

22

00:00:57,270 --> 00:00:53,520

more than 1 000 samples of blood urine

23

00:00:59,590 --> 00:00:57,280

saliva and more from scott kelly's 340

24

00:01:02,150 --> 00:00:59,600

days in space splashed down with the

25

00:01:04,390 --> 00:01:02,160

cargo inside dragon this week

26

00:01:07,429 --> 00:01:04,400

supporting different studies like fluid

27

00:01:09,670 --> 00:01:07,439

shifts microbiome the twin study and

28

00:01:11,830 --> 00:01:09,680

more these samples are now on their way

29

00:01:13,190 --> 00:01:11,840

to researchers around the country for

30

00:01:14,950 --> 00:01:13,200

analysis

31

00:01:16,789 --> 00:01:14,960

results from the year-long mission will

32

00:01:19,270 --> 00:01:16,799

provide new knowledge about how the

33

00:01:21,670 --> 00:01:19,280

human body adapts over a long time in

34

00:01:23,590 --> 00:01:21,680

space critical for preparing the first

35

00:01:25,590 --> 00:01:23,600

trips to mars

36

00:01:27,670 --> 00:01:25,600

this week steven asked if we could show

37

00:01:30,870 --> 00:01:27,680

off views of stars from the station's

38

00:01:33,190 --> 00:01:30,880

cupola no problem stephen

39

00:01:35,830 --> 00:01:33,200

over the past few years astronauts have

40

00:01:38,310 --> 00:01:35,840

taken a number of stunning sequences of

41

00:01:40,550 --> 00:01:38,320

stars and the milky way while orbiting

42

00:01:42,550 --> 00:01:40,560

the dark side of the earth from the

43

00:01:44,230 --> 00:01:42,560

windowed vantage point of the cupola

44

00:01:46,469 --> 00:01:44,240

they're treated to some of the best

45

00:01:48,550 --> 00:01:46,479

light shows in the galaxy

46

00:01:50,230 --> 00:01:48,560

you can see these videos and a whole lot

47

00:01:52,510 --> 00:01:50,240

more by heading over to the home of

48

00:01:55,910 --> 00:01:52,520

astronaut photography at

49

00:01:59,990 --> 00:01:57,749

keep sending us your questions using the