



SPACE TO GROUND

1
00:00:04,870 --> 00:00:03,110
houston station on space to ground

2
00:00:06,470 --> 00:00:04,880
welcome to space to ground your weekly

3
00:00:08,310 --> 00:00:06,480
look at what's happening on board the

4
00:00:10,709 --> 00:00:08,320
international space station i'm dan

5
00:00:13,669 --> 00:00:10,719
hewitt november 2nd marked a huge

6
00:00:15,589 --> 00:00:13,679
milestone for human space flight 15

7
00:00:18,150 --> 00:00:15,599
straight years of people living and

8
00:00:19,269 --> 00:00:18,160
working in space every single day aboard

9
00:00:20,590 --> 00:00:19,279
the station

10
00:00:23,429 --> 00:00:20,600
that's

11
00:00:26,870 --> 00:00:23,439
5478 days since expedition 1 arrived

12
00:00:28,390 --> 00:00:26,880
back in the year 2000. since then 220

13
00:00:31,109 --> 00:00:28,400

people have been to the station

14

00:00:34,069 --> 00:00:31,119

conducting more than 1700 experiments

15

00:00:35,830 --> 00:00:34,079

performing more than 180 spacewalks and

16

00:00:38,470 --> 00:00:35,840

eating over 26

17

00:00:39,430 --> 00:00:38,480

500 meals that's a lot of freeze-dried

18

00:00:41,670 --> 00:00:39,440

shrimp

19

00:00:44,389 --> 00:00:41,680

two nasa astronauts are at it again with

20

00:00:45,990 --> 00:00:44,399

their second spacewalk in as many weeks

21

00:00:48,229 --> 00:00:46,000

scott kelly and chell lindgren are

22

00:00:49,830 --> 00:00:48,239

heading outside on november 6th to

23

00:00:51,750 --> 00:00:49,840

reconfigure part of the station's

24

00:00:54,549 --> 00:00:51,760

cooling system that was altered during a

25

00:00:56,229 --> 00:00:54,559

spacewalk back in 2012. they spent the

26

00:00:58,389 --> 00:00:56,239

week getting everything ready and will

27

00:01:00,549 --> 00:00:58,399

spend about six and a half hours working

28

00:01:02,229 --> 00:01:00,559

in the vacuum of space this week's

29

00:01:03,910 --> 00:01:02,239

question is from kimberly who wants to

30

00:01:06,310 --> 00:01:03,920

know what the temperature is inside a

31

00:01:07,910 --> 00:01:06,320

spacesuit while spacewalking well as i

32

00:01:10,230 --> 00:01:07,920

found out last week without the right

33

00:01:12,310 --> 00:01:10,240

equipment it can get pretty hot

34

00:01:13,670 --> 00:01:12,320

spacewalking astronauts wear something

35

00:01:15,670 --> 00:01:13,680

called the liquid cooling and

36

00:01:18,789 --> 00:01:15,680

ventilation garment which circulates

37

00:01:20,950 --> 00:01:18,799

cold water between 25 and 55 degrees

38

00:01:22,630 --> 00:01:20,960

fahrenheit around their bodies they also

39

00:01:25,030 --> 00:01:22,640

have air conditioning in the helmet

40

00:01:26,630 --> 00:01:25,040

blowing at 60 degrees so when that

41

00:01:28,550 --> 00:01:26,640

cooling is combined with the heat from

42

00:01:30,469 --> 00:01:28,560

their bodies the inside of the suit can

43

00:01:32,390 --> 00:01:30,479

be adjusted to a comfortable room

44

00:01:34,390 --> 00:01:32,400

temperature keep sending us your