



# Space**to**Ground

1  
00:00:05,410 --> 00:00:02,790  
foreign

2  
00:00:08,450 --> 00:00:05,420  
[Music]

3  
00:00:10,490 --> 00:00:08,460  
I'm Chelsea vallarte the astronauts in

4  
00:00:12,110 --> 00:00:10,500  
orbit had a busy week conducting science

5  
00:00:14,450 --> 00:00:12,120  
experiments inside the International

6  
00:00:16,670 --> 00:00:14,460  
Space Station but also released some

7  
00:00:18,470 --> 00:00:16,680  
small satellites called cubesats outside

8  
00:00:20,929 --> 00:00:18,480  
of the space station so they can begin

9  
00:00:23,090 --> 00:00:20,939  
collecting data in low earth orbit

10  
00:00:25,550 --> 00:00:23,100  
the five satellites deployed all hitched

11  
00:00:27,830 --> 00:00:25,560  
a ride to space during spacex's 25th

12  
00:00:29,450 --> 00:00:27,840  
cargo resupply launch back in July the

13  
00:00:31,490 --> 00:00:29,460

researchers behind the satellites come

14

00:00:33,889 --> 00:00:31,500

from all different backgrounds 7th

15

00:00:35,510 --> 00:00:33,899

graders MIT students and even NASA

16

00:00:37,549 --> 00:00:35,520

centers had their experiments released

17

00:00:39,709 --> 00:00:37,559

from the space station this week one of

18

00:00:41,330 --> 00:00:39,719

the five cubesats is called Beaver Cube

19

00:00:43,250 --> 00:00:41,340

and it's designed to take pictures of

20

00:00:44,930 --> 00:00:43,260

Earth's oceans and collect data on

21

00:00:46,430 --> 00:00:44,940

temperature so we can understand more

22

00:00:49,010 --> 00:00:46,440

about Earth's climate and its weather

23

00:00:50,869 --> 00:00:49,020

systems NASA announced some launch

24

00:00:52,490 --> 00:00:50,879

updates for astronauts and space flight

25

00:00:53,209 --> 00:00:52,500

participants going to space in the next

26

00:00:55,310 --> 00:00:53,219

year

27

00:00:57,529 --> 00:00:55,320

following the successful uncrewed

28

00:00:59,930 --> 00:00:57,539

orbital flight Test 2 mission NASA and

29

00:01:02,150 --> 00:00:59,940

Boeing are now looking at February 2023

30

00:01:03,830 --> 00:01:02,160

to launch NASA astronauts Butch Wilmore

31

00:01:05,690 --> 00:01:03,840

and sunny Williams aboard the Boeing

32

00:01:07,370 --> 00:01:05,700

Starliner their Journey to the space

33

00:01:09,410 --> 00:01:07,380

station and back is called the crew

34

00:01:11,030 --> 00:01:09,420

flight test mission and is expected to

35

00:01:13,429 --> 00:01:11,040

last eight days

36

00:01:15,289 --> 00:01:13,439

in another launch update last week NASA

37

00:01:17,030 --> 00:01:15,299

and Axiom space have agreed that the

38

00:01:18,950 --> 00:01:17,040

second private astronaut mission to the

39

00:01:22,010 --> 00:01:18,960

space station will take place in the

40

00:01:24,710 --> 00:01:22,020

second quarter of 2023. Axia mission 2

41

00:01:26,870 --> 00:01:24,720

is expected to last around 10 days

42

00:01:29,090 --> 00:01:26,880

and that's space to ground thanks so

43

00:01:30,830 --> 00:01:29,100

much for watching we invite you to keep

44

00:01:32,270 --> 00:01:30,840

up to date on the latest news about the

45

00:01:35,030 --> 00:01:32,280

International Space Station on Twitter

46

00:01:36,590 --> 00:01:35,040

at space underscore station and for the

47

00:01:38,450 --> 00:01:36,600

latest news about research and science

48

00:01:41,030 --> 00:01:38,460

on the orbiting laboratory head to at

49

00:01:43,550 --> 00:01:41,040

ISS underscore research and as always

50

00:01:45,150 --> 00:01:43,560

keep sending us your questions using ask

