



1

00:00:00,799 --> 00:00:05,251

From Vandenberg Air Force Base in Central California, you're watching live launch

2

00:00:05,251 --> 00:00:10,220

coverage of NASA's ICESat-2 mission to unlock the mysteries of our home planet's frozen

3

00:00:10,220 --> 00:00:11,790

and icy areas.

4

00:00:11,790 --> 00:00:15,730

Good morning, I'm Stephanie Martin, and thank you for waking up early with us.

5

00:00:15,730 --> 00:00:20,300

We have team coverage of today's launch from NASA's Joshua Santora and Mic Woltman

6

00:00:20,300 --> 00:00:24,970

in the Mission Director Center with launch teams, and live in-depth interviews with NASA's

7

00:00:24,970 --> 00:00:29,989

Chris Giersch, Blair Allen and Franklin Fitzgerald, covering everything you need to know about

8

00:00:29,989 --> 00:00:33,460

the final Delta II launch and ICESat-2's mission.

9

00:00:33,460 --> 00:00:38,829

But first, today's launch is targeted to liftoff at 5:46 this morning Pacific Time

10

00:00:38,829 --> 00:00:42,629

from Space Launch Complex 2 at Vandenberg Air Force Base.

11

00:00:42,629 --> 00:00:46,010

The launch window is now about 60 minutes long.

12

00:00:46,010 --> 00:00:51,629

ICESat-2 is short for Ice, Cloud and land Elevation Satellite, and will measure global

13

00:00:51,629 --> 00:00:55,980

ice elevation, sea ice, land topography and vegetation.

14

00:00:55,980 --> 00:01:01,920

ICESat-2 is a follow-on to NASA's original ICESat mission, which launched in 2003 and

15

00:01:01,920 --> 00:01:03,809

was operated through 2009.

16

00:01:03,809 --> 00:01:09,090

Today's launch is the final launch of a United Launch Alliance Delta II rocket, and