



NASA HD

1
00:00:05,000 --> 00:00:08,000
[GEORGE DILLER] T-minus 15 seconds.

2
00:00:08,000 --> 00:00:10,000
Green board!

3
00:00:10,000 --> 00:00:11,000
10...

4
00:00:11,000 --> 00:00:12,000
9...

5
00:00:12,000 --> 00:00:13,000
8...

6
00:00:13,000 --> 00:00:14,000
7...

7
00:00:14,000 --> 00:00:15,000
6...

8
00:00:15,000 --> 00:00:16,000
5...

9
00:00:16,000 --> 00:00:17,000
4...

10
00:00:17,000 --> 00:00:18,000
3...

11
00:00:18,000 --> 00:00:19,000
2...

12
00:00:19,000 --> 00:00:20,000
1...

13
00:00:20,000 --> 00:00:25,000

Main engine start and liftoff of the Delta II rocket with SMAP.

14

00:00:25,000 --> 00:00:36,000

Making global observations of soil moisture for climate forecasting.

15

00:00:36,000 --> 00:00:39,000

[Diller] SMAP spacecraft team on the ground standing by here at Vandenberg...

16

00:00:39,000 --> 00:00:41,000

[Launch Control] 20 seconds to deploy. Standing by.

17

00:00:41,000 --> 00:00:50,000

[DILLER] for spacecraft separation.

18

00:00:50,000 --> 00:01:00,000

[Launch Control] Ten seconds.

19

00:01:00,000 --> 00:01:03,000

And we have the break wires.

20

00:01:03,000 --> 00:01:06,000

And spacecraft separation. Good spacecraft separation.

21

00:01:06,000 --> 00:01:09,000

The SMAP payload, the Soil Moisture Active Passive spacecraft

22

00:01:09,000 --> 00:01:13,000

has now successfully separated from the Delta II launch vehicle

23

00:01:13,000 --> 00:01:24,000

and is flying on its own.

24

00:01:24,000 --> 00:01:31,000

The first of three of the peapod spacecraft deploys is now scheduled about 48 minutes from now.

25

00:01:31,000 --> 00:01:35,000

57 minutes 25 seconds into the flight.

26

00:01:35,000 --> 00:01:49,000

[Diller] And we do have telemetry lockup on the spacecraft through TDRSS.