



1

00:00:01,810 --> 00:00:03,621

George Diller/NASA Launch Commentator: From Launch Complex 41 at

2

00:00:03,621 --> 00:00:10,680

Cape Canaveral in Florida, this is Atlas Launch Control at T-2 hours and holding.

3

00:00:10,680 --> 00:00:16,449

The countdown clock entered a planned 30 minute built-in hold approximately 6 minutes

4

00:00:16,449 --> 00:00:17,449

ago.

5

00:00:17,449 --> 00:00:21,830

And we're now just two-and-a-half hours away from liftoff of NASA's TDRS-L

6

00:00:21,830 --> 00:00:24,430

Tracking Data Relay Satellite.

7

00:00:24,430 --> 00:00:27,419

Launches atop a United Launch Alliance Atlas V rocket

8

00:00:27,419 --> 00:00:30,519

from Launch Complex 41 at Cape Canaveral.

9

00:00:30,519 --> 00:00:37,350

Launch window today extends from 9:05 to 9:45 p.m., a duration of 40 minutes.

10

00:00:37,350 --> 00:00:40,450

This will be the 43rd Atlas V launch.

11

00:00:40,450 --> 00:00:43,300

Of those, TDRS-L will be the 11th NASA mission to

12

00:00:43,300 --> 00:00:46,550

launch on an Atlas V rocket.

13

00:00:46,550 --> 00:00:52,500

(not intelligible)...had a weather briefing
with Clay Flinn, our launch weather officer

14

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

from

15

00:00:53,500 --> 00:00:55,540

the 45th Weather Squadron.

16

00:00:55,540 --> 00:00:59,970

And the conditions remain generally favorable,
with just a 10 percent chance of not

17

00:00:59,970 --> 00:01:02,900

meeting our launch weather criteria.

18

00:01:02,900 --> 00:01:07,840

Currently at the launch pad the temperature
is 55 degrees with winds from the north five

19

00:01:07,840 --> 00:01:09,869

to eight knots.

20

00:01:09,869 --> 00:01:14,549

At launch time the winds will be from the
north 10 to 15 knots.

21

00:01:14,549 --> 00:01:17,670

The temperature will be 46 to 47 degrees.

22

00:01:17,670 --> 00:01:21,979

Visibility seven miles or greater with scattered
clouds.

23
00:01:21,979 --> 00:01:28,710
And right now, there are no weather constraints toward a launch tonight other than the

24
00:01:28,710 --> 00:01:33,090
possibility of some thick clouds from the north from an approaching front.

25
00:01:33,090 --> 00:01:38,149
Otherwise, good conditions for a launch tonight.

26
00:01:38,149 --> 00:01:39,970
Looking aloft, no shears observed.

27
00:01:39,970 --> 00:01:44,460
Currently, the highest wind is at 45,000 feet at 105 knots.

28
00:01:44,460 --> 00:01:45,770
At this time,

29
00:01:45,770 --> 00:01:48,639
all of our launch preparations continue to go smoothly.

30
00:01:48,639 --> 00:01:54,390
We're still targeting a 9:05 p.m. liftoff tonight.