1
00:00:01,290 --> 00:00:05,850
From NASA's Kennedy Space Center in Florida,
you're watching live coverage of the launch

2
00:00:05,850 --> 00:00:12,900
of NOAA's Geostationary Operational Environmental
Satellite-S, also known as GOES-S. Second

3
00:00:12,900 --> 00:00:17,950
in the series of the nation's most advanced
fleet of geostationary weather satellites.

4
00:00:17,950 --> 00:00:20,540
Hi, I'm Tori Mclendon.

5
00:00:20,540 --> 00:00:22,200
Thanks for joining us.

6
00:00:22,200 --> 00:00:26,290
Today's launch of the United Launch Alliance
Atlas V rocket is scheduled to liftoff at

7
00:00:26,290 --> 00:00:31,730
5:02 p.m. EST, with a two-hour launch window
from Space Launch Complex 41.

8
00:00:31,730 --> 00:00:37,870
In just over 30 minutes from now, the Atlas
V will send NOAA's newest geostationary satellite

9
00:00:37,870 --> 00:00:39,710
into orbit.

10
00:00:39,710 --> 00:00:44,580
Let's now go to Josh Finch and Mike Curie,
who are standing by inside Atlas Launch Control,

11
00:00:44,580 --> 00:00:46,740
for more information on today's launch.

12
00:00:46,740 --> 00:00:49,440
Josh and Mike, how are things looking so far?

13
00:00:49,440 --> 00:00:50,440
Thank you Tori.

14
00:00:50,440 --> 00:00:53,970
Mike and I are here in the Atlas Spaceflight Operations Center, also called the ASOC, which

15
00:00:53,970 --> 00:00:56,030
is on Cape Canaveral Air Force Station.

16
00:00:56,030 --> 00:01:01,940
Now the ASOC overlooks Space Launch Complex 41, where the Atlas V rocket is poised for

17
00:01:01,940 --> 00:01:06,130
liftoff at 5:02 p.m. EST.

18
00:01:06,130 --> 00:01:10,010
Inside of the ASOC, NASA Launch Manager Tim Dunn and United Launch Alliance Launch Director

19
00:01:10,010 --> 00:01:14,830
Tom Heater are working closely with the entire launch teams as we continue to count down

20
00:01:14,830 --> 00:01:15,830
to liftoff.

21
00:01:15,830 --> 00:01:19,380
The launch teams began arriving on console this morning, and they've been working through

22
00:01:19,380 --> 00:01:21,570
launch procedures since then.

23
00:01:21,570 --> 00:01:26,070
The team received a weather briefing from
the U.S. Air Force 45th Space Wing Launch

24
00:01:26,070 --> 00:01:28,310
Weather Officer Clay Flinn.

25
00:01:28,310 --> 00:01:32,650
The weather folks take a look at all kinds
of constraints.

26
00:01:32,650 --> 00:01:36,020
Luckily, none of which we have to deal with
today.

27
00:01:36,020 --> 00:01:39,900
They look at wind speed, cloud coverage, the
potential for thunderstorms, lightning in

28
00:01:39,900 --> 00:01:44,320
the surrounding area, and even solar weather,
which launch teams need to know before committing

29
00:01:44,320 --> 00:01:45,320
to launch.

30
00:01:45,320 --> 00:01:50,340
But as you see, we have a 90 percent go weather
forecast, with only a 10 percent probability

31
00:01:50,340 --> 00:01:54,160
of violating the launch constraint of cumulous
clouds.

32
00:01:54,160 --> 00:01:59,420
Launch Weather Officer Clay Flinn is not concerned
about that at this time.

33
00:01:59,420 --> 00:02:02,930

Winds are 20-25 knots, from the west southwest.