

# TW@N

THIS WEEK @ NASA



1  
00:00:00,300 --> 00:00:02,936  
The move to the launch pad for  
Artemis I ...

2  
00:00:02,936 --> 00:00:05,271  
A visual treat in the sky ...

3  
00:00:05,271 --> 00:00:08,541  
And a NASA tech demo hitches  
a ride to space ...

4  
00:00:08,541 --> 00:00:11,644  
a few of the stories  
to tell you about – This Week at NASA!

5  
00:00:12,946 --> 00:00:15,115  
Teams at our Kennedy Space Center  
moved the

6  
00:00:15,115 --> 00:00:19,753  
Space Launch System rocket and Orion spacecraft  
to launch pad 39B

7  
00:00:19,986 --> 00:00:24,090  
ahead of our uncrewed Artemis I  
flight test around the Moon and back.

8  
00:00:24,391 --> 00:00:29,462  
Artemis I is currently targeted for launch  
no earlier than Nov. 16.

9  
00:00:30,130 --> 00:00:34,734  
The second total lunar  
eclipse of 2022 happened on Nov. 8.

10  
00:00:35,335 --> 00:00:38,671  
This ten-image composite,  
captured at Kennedy Space Center,

11

00:00:38,905 --> 00:00:42,642  
shows what the Moon looked like  
during various phases of the eclipse.

12  
00:00:43,043 --> 00:00:45,712  
If you're wondering about the next total  
lunar eclipse –

13  
00:00:45,979 --> 00:00:48,948  
that won't happen until March 2025.

14  
00:00:49,849 --> 00:00:53,586  
NASA's LOFTID technology demonstration  
hitched a ride to space

15  
00:00:53,586 --> 00:00:57,524  
with NOAA's JPSS-2  
weather satellite on Nov. 10.

16  
00:00:58,058 --> 00:01:00,894  
JPSS-2 is expected to help improve

17  
00:01:00,894 --> 00:01:04,597  
weather forecasts,  
and LOFTID is an inflatable heat shield

18  
00:01:04,597 --> 00:01:09,102  
that could protect spacecraft  
during atmospheric entry and re-entry.

19  
00:01:10,136 --> 00:01:13,873  
A Northrop Grumman Cygnus resupply spacecraft  
launched on Nov. 7

20  
00:01:13,873 --> 00:01:17,644  
with more than 8,200 pounds  
of science investigations

21  
00:01:17,644 --> 00:01:20,180  
and cargo

for the International Space Station.

22

00:01:20,647 --> 00:01:24,484

This is the company's

18th space station cargo flight for NASA.