

TW@N

THIS WEEK @ NASA



1
00:00:00,266 --> 00:00:02,469
Launching a new crew
to the space station ...

2
00:00:02,502 --> 00:00:05,071
The plan moving forward for Artemis I ...

3
00:00:05,071 --> 00:00:07,540
And Webb's new look
at a pair of galaxies ...

4
00:00:07,540 --> 00:00:10,910
a few of the stories
to tell you about – This Week at NASA.

5
00:00:12,579 --> 00:00:17,851
NASA's SpaceX Crew-5 mission launched to
the International Space Station on Oct. 5.

6
00:00:18,251 --> 00:00:20,620
Crew-5 will spend
six months on the station

7
00:00:20,820 --> 00:00:24,424
conducting research and technology
demonstrations that benefit

8
00:00:24,424 --> 00:00:28,261
people on Earth and lays the groundwork
for future Artemis

9
00:00:28,261 --> 00:00:31,865
human exploration missions to the Moon
and eventually to Mars.

10
00:00:32,432 --> 00:00:35,969
In the wake of Hurricane
Ian, teams at our Kennedy Space Center

11

00:00:35,969 --> 00:00:38,738
are looking at the Nov. 12 through Nov. 27

12
00:00:38,738 --> 00:00:41,641
timeframe for the next Artemis
I launch attempt.

13
00:00:42,108 --> 00:00:46,980
Artemis I updates are available
at blogs.nasa.gov/artemis.

14
00:00:47,280 --> 00:00:50,483
A new Webb Space
Telescope image of a spiral galaxy

15
00:00:50,483 --> 00:00:54,454
and an elliptical galaxy, combined
with a Hubble Space Telescope image,

16
00:00:54,721 --> 00:00:58,324
is helping researchers
study the effects of interstellar dust

17
00:00:58,625 --> 00:01:03,897
and helped them identify a previously
unknown lensed galaxy for the first time.

18
00:01:04,431 --> 00:01:07,934
On Oct. 2, NASA's
Solar Dynamics Observatory

19
00:01:07,934 --> 00:01:11,538
captured the Sun emitting an X1
class solar flare.

20
00:01:11,971 --> 00:01:16,009
X-class flares can impact radio
communications and electric power

21
00:01:16,009 --> 00:01:20,914

grids on Earth and pose risks
to spacecraft and astronauts in space.

22

00:01:21,181 --> 00:01:23,183

That's what's up this week @NASA.