
TW@N
THIS WEEK @ NASA

1
00:00:00,533 --> 00:00:03,703
The results of our DART planetary
defense test ...

2
00:00:03,703 --> 00:00:06,656
Astronauts return safely from the space station ...

3
00:00:06,656 --> 00:00:09,626
And more new imagery from the Webb Space Telescope ...

4
00:00:09,626 --> 00:00:12,862
a few of the stories to tell you about –
This Week at NASA!

5
00:00:13,880 --> 00:00:17,100
Data from the intentional impact
of our DART spacecraft

6
00:00:17,100 --> 00:00:19,753
with asteroid Dimorphos confirm
that …

7
00:00:19,753 --> 00:00:25,258
DART successfully changed the targeted asteroid’s trajectory.

8
00:00:25,742 --> 00:00:30,230
In fact, this first-ever planetary
defense test altered Dimorphos’ orbit

9
00:00:30,230 --> 00:00:35,635
around a larger asteroid by 32 minutes,
which far exceeded expectations.

10
00:00:36,002 --> 00:00:39,272
Learn more at nasa.gov/dart.

11
00:00:39,272 --> 00:00:42,392
NASA’s SpaceX Crew-4 mission
safely returned from

12
00:00:42,392 --> 00:00:46,379
the International Space Station
after nearly six-months of conducting

13
00:00:46,379 --> 00:00:49,999
research and technology demonstrations
to prepare for human

14
00:00:49,999 --> 00:00:53,970
exploration beyond low-Earth orbit
and to benefit life on Earth.

15
00:00:54,504 --> 00:00:58,191
A new Webb Space Telescope
image shows a series of dust rings

16
00:00:58,191 --> 00:00:59,809
from a pair of stars.

17
00:00:59,809 --> 00:01:03,229
The stars' orbits bring them together
about once every eight years.

18
00:01:03,530 --> 00:01:07,667
So, like the rings of a tree trunk,
the dust loops mark the passage of time.

19
00:01:08,151 --> 00:01:10,820
The next launch attempt of our Artemis
I Moon

20
00:01:10,820 --> 00:01:13,556
mission is now targeted for Nov. 14.

21
00:01:14,057 --> 00:01:18,828
The uncrewed flight test of our Space
Launch System rocket and Orion spacecraft

22

00:01:19,079 --> 00:01:23,817
will thoroughly test all systems before
making Artemis flights with astronauts.

23
00:01:24,017 --> 00:01:26,069
That’s what’s up this week @NASA ...