



TW@N

THIS WEEK @ NASA

1  
00:00:01,160 --> 00:00:03,750  
Discussing the State of NASA ...

2  
00:00:03,750 --> 00:00:06,450  
Launching supplies to the space station ...

3  
00:00:06,450 --> 00:00:11,270  
And more good news for OSIRIS-REx ... a few  
of the stories to tell you about – This

4  
00:00:11,270 --> 00:00:14,809  
Week at NASA!

5  
00:00:14,809 --> 00:00:19,650  
NASA Administrator Bill Nelson made his first  
State of NASA address to employees on June

6  
00:00:19,650 --> 00:00:23,430  
2 from our Mary W. Jackson NASA Headquarters  
building.

7  
00:00:23,430 --> 00:00:28,050  
His speech touched on agency priorities going  
forward and included the announcement of two

8  
00:00:28,050 --> 00:00:34,520  
new planetary missions – VERITAS and DAVINCI+  
– both targeted for launch between 2028

9  
00:00:34,520 --> 00:00:35,520  
and 2030.

10  
00:00:35,520 --> 00:00:44,410  
“These two sister missions both aim to understand  
how Venus became an inferno-like world capable

11  
00:00:44,410 --> 00:00:46,829  
of melting lead at the surface.”

12  
00:00:46,829 --> 00:00:52,680  
He also highlighted our Artemis plans to establish a long-term human and robotic presence on

13  
00:00:52,680 --> 00:00:53,680  
the Moon, which ...

14  
00:00:53,680 --> 00:01:01,550  
“Will help develop the experience and capabilities we need to eventually send the first astronauts

15  
00:01:01,550 --> 00:01:02,969  
to Mars.”

16  
00:01:02,969 --> 00:01:07,430  
And he spoke about the new Earth System Observatory missions, which will help us understand and

17  
00:01:07,430 --> 00:01:12,820  
track how climate change is impacting communities across the country and around the world.

18  
00:01:12,820 --> 00:01:20,970  
We’re on track to do so many more amazing things for the country and the world.

19  
00:01:20,970 --> 00:01:28,810  
Because that’s what NASA does, and no one does it better.”

20  
00:01:28,810 --> 00:01:34,300  
On June 3, SpaceX launched a Dragon cargo spacecraft from our Kennedy Space Center,

21  
00:01:34,300 --> 00:01:39,940  
loaded with more than 7,300 pounds of science, research, crew supplies, and hardware for

22  
00:01:39,940 --> 00:01:42,060

the International Space Station.

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00:01:42,060 --> 00:01:56,300

This is the company's 22nd contracted cargo resupply mission to the station for NASA.

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00:01:56,300 --> 00:01:58,850

More good news for our OSIRIS-REx team.

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00:01:58,850 --> 00:02:04,010

The May 10 departure maneuver that propelled the spacecraft away from asteroid Bennu was

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00:02:04,010 --> 00:02:09,220

calculated and executed so precisely that a previously anticipated corrective maneuver

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00:02:09,220 --> 00:02:10,470

was not needed.

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00:02:10,470 --> 00:02:14,110

The next possible maneuver adjustment could occur in 2022.

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00:02:14,110 --> 00:02:21,440

The spacecraft is on track to deliver an asteroid sample to Earth on Sept. 24, 2023.

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00:02:21,440 --> 00:02:25,030

The 2021 Atlantic hurricane season kicked off on June 1.

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00:02:25,030 --> 00:02:29,860

Our colleagues at NOAA are predicting another active season, with an above average number

32

00:02:29,860 --> 00:02:31,310

of named storms.

33

00:02:31,310 --> 00:02:36,970

Check out [nasa.gov/hurricane](https://nasa.gov/hurricane) to learn more about the work NASA is doing to study storm

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00:02:36,970 --> 00:02:42,860

formation and impacts, and ways to better understand Earth as a system.

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00:02:42,860 --> 00:02:48,480

On June 2, Cosmonauts Oleg Novitskiy and Pyotr Dubrov of the Russian space agency Roscosmos

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00:02:48,480 --> 00:02:54,040

conducted a spacewalk to prepare the Pirs docking compartment for removal and disposal.

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00:02:54,040 --> 00:02:58,940

It will be replaced by the new Russian Multipurpose Laboratory Module, named "Nauka," which

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00:02:58,940 --> 00:03:00,910

is Russian for "science."

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00:03:00,910 --> 00:03:04,150

That module is targeted for launch to the station this summer.