



1
00:00:00,199 --> 00:00:02,740
The latest about our Artemis program ...

2
00:00:02,740 --> 00:00:06,109
An astronaut shares her story with students
...

3
00:00:06,109 --> 00:00:11,709
And another record-breaking maneuver by one
of our spacecraft ... a few of the stories

4
00:00:11,709 --> 00:00:15,629
to tell you about – This Week at NASA!

5
00:00:15,629 --> 00:00:20,310
Administrator Bridenstine spoke about our
Artemis program during a June 10 town hall

6
00:00:20,310 --> 00:00:23,280
at our Glenn Research Center in Cleveland,
Ohio.

7
00:00:23,280 --> 00:00:28,270
Artemis missions will land the first American
woman and the next American man on the Moon

8
00:00:28,270 --> 00:00:34,180
by 2024, by using innovative new technologies
and systems – some of which are being developed

9
00:00:34,180 --> 00:00:35,180
at Glenn.

10
00:00:35,180 --> 00:00:40,210
“Glenn is going to be very instrumental
in helping us achieve these goals for a sustainable

11
00:00:40,210 --> 00:00:45,030
lunar return and an eventual mission to Mars.”

12
00:00:45,030 --> 00:00:50,310
Our Serena Auñón-Chancellor stopped by Excel Academy Public Charter School on June 10,

13
00:00:50,310 --> 00:00:54,660
as part of her post-flight visit to the Washington D.C. area.

14
00:00:54,660 --> 00:01:00,160
Auñón-Chancellor spent 197 days in space as a member of the International Space Station's

15
00:01:00,160 --> 00:01:06,840
Expedition 56/57 crew, contributing to hundreds of experiments in biology, biotechnology,

16
00:01:06,840 --> 00:01:09,150
physical science and Earth science.

17
00:01:09,150 --> 00:01:14,399
She returned to Earth in December 2018.

18
00:01:14,399 --> 00:01:19,810
Science continues to flow from our Cassini mission to Saturn, which wrapped up in 2017.

19
00:01:19,810 --> 00:01:25,479
A new paper published June 13 in Science describes findings from the spacecraft's closet-ever

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00:01:25,479 --> 00:01:28,770
observations of the planet's main rings.

21
00:01:28,770 --> 00:01:33,490
The findings include fine details of features – textures and patterns – sculpted by

22
00:01:33,490 --> 00:01:39,779

tiny moons or masses embedded within the rings that interact with the particles around them.

23

00:01:39,779 --> 00:01:46,029

This raises questions about the interactions that shaped the planet's rings.

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00:01:46,029 --> 00:01:52,020

On June 12, our OSIRIS-REx spacecraft performed another significant navigation maneuver—breaking

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00:01:52,020 --> 00:01:57,509

its own world record for a spacecraft making the closest orbit of a planetary body.

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00:01:57,509 --> 00:02:02,829

The maneuver began the mission's new phase, known as Orbital B, and placed the spacecraft

27

00:02:02,829 --> 00:02:09,920

680 meters -- less than half a mile -- above the surface of asteroid Bennu.

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00:02:09,920 --> 00:02:16,530

A newly installed webcam, affectionately called "Seeing 2020," offers the public a live, bird's-eye

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00:02:16,530 --> 00:02:22,110

view of construction and testing of our Mars 2020 rover at our Jet Propulsion Laboratory

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00:02:22,110 --> 00:02:24,170

in Pasadena, California.

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00:02:24,170 --> 00:02:32,010

Check out go.nasa.gov/seeing2020 for continuous live video of the rover taking shape before

32

00:02:32,010 --> 00:02:40,069

it launches next year on one of the most technologically

challenging interplanetary missions ever designed.

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00:02:40,069 --> 00:02:45,340

On June 12, Administrator Bridenstine was joined by U.S. Senator Ted Cruz, D.C.

34

00:02:45,340 --> 00:02:51,220

Council Chairman Phil Mendelson, and author Margot Lee Shetterly at a ceremony to rename

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00:02:51,220 --> 00:02:56,140

the street in front of our Headquarters in Washington – E Street SW – to “Hidden

36

00:02:56,140 --> 00:02:57,140

Figures Way.”

37

00:02:57,140 --> 00:03:02,379

The event honored Katherine Johnson, Dorothy Vaughan, and Mary Jackson, who were featured

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00:03:02,379 --> 00:03:06,940

in Shetterly’s book – and subsequent movie – Hidden Figures, as well as other women

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00:03:06,940 --> 00:03:13,010

who have dedicated their lives to honorably serving our country, advancing equality, and

40

00:03:13,010 --> 00:03:16,030

contributing to the United States space program.

41

00:03:16,030 --> 00:03:19,719

That’s what’s up this week @NASA ...