



1

00:00:00,859 --> 00:00:04,120

“Here’s some of the stories trending This Week at NASA!”

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00:00:04,120 --> 00:00:08,179

“This is the greatest experience, I ...it’s just tremendous!”

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00:00:08,179 --> 00:00:14,169

On June 3, 1965, NASA astronaut Edward White became the first American to walk in space

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00:00:14,169 --> 00:00:19,360

when he spent about 23 minutes outside the Gemini 4 spacecraft, maneuvering around with

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00:00:19,360 --> 00:00:21,730

a hand-held oxygen-jet gun.

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00:00:21,730 --> 00:00:26,090

That mission also was the first time the agency’s famed Mission Control Center at the Johnson

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00:00:26,090 --> 00:00:27,930

Space Center was used.

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00:00:27,930 --> 00:00:33,620

NASA’s celebration of the first U.S. spacewalk, also known as an extravehicular activity or

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00:00:33,620 --> 00:00:40,070

EVA – included a documentary narrated by actor Jon Cryer and featuring NASA Administrator

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00:00:40,070 --> 00:00:44,560

Charlie Bolden, Deputy Administrator Dava Newman and others.

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00:00:44,560 --> 00:00:49,710

The film, titled Suit Up, focused on the five decade history of spacewalks and the future

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00:00:49,710 --> 00:00:53,250

of humans working on a tether in space.

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00:00:53,250 --> 00:00:58,700

NASA's Associate Administrator for science and astronaut, John Grunsfeld was one of four

14

00:00:58,700 --> 00:01:03,080

people inducted into the U.S. Astronaut Hall of Fame, during a recent ceremony at Kennedy

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00:01:03,080 --> 00:01:05,400

Space Center's visitor complex.

16

00:01:05,400 --> 00:01:11,050

The other inductees are former astronauts Steve Lindsey, Kent Rominger, and M. Rhea

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00:01:11,050 --> 00:01:12,050

Seddon.

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00:01:12,050 --> 00:01:17,060

That brings the total number of Hall of Fame space explorers to 91.

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00:01:17,060 --> 00:01:21,670

Data from NASA's Hubble Space Telescope show two of Pluto's moons, Nix and Hydra,

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00:01:21,670 --> 00:01:24,250

are wobbling about unpredictably.

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00:01:24,250 --> 00:01:28,400

The moons are in this state, presumably because they are located in the constantly-shifting

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00:01:28,400 --> 00:01:33,909

gravitational field that exists between Pluto and its largest moon Charon.

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00:01:33,909 --> 00:01:38,700

Scientists believe Pluto's other two moons, Kerberos and Styx, also are likely experiencing

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00:01:38,700 --> 00:01:41,820

effects of that gravitational instability.

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00:01:41,820 --> 00:01:46,890

These new discoveries are being used to plan science observations for NASA's New Horizons

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00:01:46,890 --> 00:01:51,330

spacecraft's flyby of Pluto in mid-July.

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00:01:51,330 --> 00:01:58,340

The 2015 Atlantic Hurricane Season began on June 1, much like last year's ended – quietly.

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00:01:58,340 --> 00:02:03,040

No major hurricanes measuring category 3 or above have made landfall in the U.S. for the

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00:02:03,040 --> 00:02:08,250

past nine years, and 2015 is also expected to be a quiet season.

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00:02:08,250 --> 00:02:13,290

Resource imagery and data of past hurricanes is available online at NASA's Scientific

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00:02:13,290 --> 00:02:15,640

Visualization Studio website.

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00:02:15,640 --> 00:02:26,950

Just navigate to <http://svs.gsfc.nasa.gov/> and search "2015 hurricane".

33
00:02:26,950 --> 00:02:32,220
NASA Administrator Charlie Bolden helped recognize the best of the best at NASA during the Agency

34
00:02:32,220 --> 00:02:37,700
Honor Awards June 2 at Kennedy Space Center, the annual awards highlight the distinguished

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00:02:37,700 --> 00:02:46,569
contributions of the honorees and thank them for their valued service to NASA and its mission.

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00:02:46,569 --> 00:02:50,730
NASA officials and representatives from the agency's commercial partners rang the closing

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00:02:50,730 --> 00:02:53,730
bell of the New York Stock Exchange on June 4.

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00:02:53,730 --> 00:02:58,040
NASA's work with the companies is boosting the growth of the U.S. commercial space industry

39
00:02:58,040 --> 00:03:04,400
– providing greater access to low-Earth orbit and creating new jobs and markets.

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00:03:04,400 --> 00:03:06,180
And that's what's up this week @NASA ...