



1

00:00:00,940 --> 00:00:05,190

"Here's some of the stories trending This Week at NASA!"

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00:00:05,190 --> 00:00:09,980

NASA and its International Space Station partners announced the crews of three upcoming missions

3

00:00:09,980 --> 00:00:11,459

to the ISS.

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00:00:11,459 --> 00:00:13,919

The crews include three NASA astronauts.

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00:00:13,919 --> 00:00:19,480

In May 2016, Kate Rubins will join the Expedition 48 crew already in orbit.

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00:00:19,480 --> 00:00:24,410

Shane Kimbrough will follow on Expedition 49 and veteran astronaut Peggy Whitson will

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00:00:24,410 --> 00:00:27,900

serve on Expedition 50.

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00:00:27,900 --> 00:00:31,820

NASA astronaut Reid Wiseman, who developed a strong social media following as a member

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00:00:31,820 --> 00:00:38,130

of the Expedition 40/41 crew last year, was on hand for several public events Feb. 10-12,

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00:00:38,130 --> 00:00:41,449

in and around his hometown of Baltimore.

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00:00:41,449 --> 00:00:46,429

Among those events was a ceremony at the Historic Courthouse in Towson, where representatives

12
00:00:46,429 --> 00:00:49,870
of Baltimore County presented him with a Hero
pin.

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00:00:49,870 --> 00:00:54,579
Wiseman also spoke to visitors at the Maryland
Science Center in Baltimore about his experience

14
00:00:54,579 --> 00:00:57,559
aboard the space station.

15
00:00:57,559 --> 00:01:01,719
NASA Associate Administrator for Science,
John Grunsfeld is one of four space shuttle

16
00:01:01,719 --> 00:01:07,360
astronauts selected for induction into the
United States Astronaut Hall of Fame.

17
00:01:07,360 --> 00:01:11,580
The induction ceremony is scheduled for May
30th at NASA's Kennedy Space Center Visitor

18
00:01:11,580 --> 00:01:13,500
Complex in Florida.

19
00:01:13,500 --> 00:01:17,930
Grunsfeld is best known as a robotics expert
who conducted three missions to repair and

20
00:01:17,930 --> 00:01:20,370
upgrade the Hubble Space Telescope.

21
00:01:20,370 --> 00:01:23,770
Steve Lindsey, Kent Rominger, and M. Rhea
Seddon, M.D.

22
00:01:23,770 --> 00:01:28,190

are the other astronauts selected for induction.

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00:01:28,190 --> 00:01:32,980

After spending a month at the International Space Station, the SpaceX Dragon cargo spacecraft

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00:01:32,980 --> 00:01:38,470

was separated from the station on Feb. 10 with the Canadarm2 robotic arm and released

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00:01:38,470 --> 00:01:40,440

for its return trip to Earth.

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00:01:40,440 --> 00:01:44,740

Dragon, which completed the company's fifth commercial resupply mission to the station,

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00:01:44,740 --> 00:01:55,630

brought back almost two tons of vital scientific experiments and station hardware.

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00:01:55,630 --> 00:02:00,660

The Deep Space Climate Observatory or DSCOVR satellite was launched on Feb. 11, aboard

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00:02:00,660 --> 00:02:05,700

a SpaceX Falcon 9 rocket from Cape Canaveral Air Force Station, Florida.

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00:02:05,700 --> 00:02:11,170

The mission, a partnership between NOAA, NASA and the U.S. Air Force, is designed to orbit

31

00:02:11,170 --> 00:02:16,750

the sun at the L1 Lagrange point – a stable, neutral gravitational part of space, about

32

00:02:16,750 --> 00:02:21,720

a million miles from Earth and give accurate, early warnings of solar activity that could

33
00:02:21,720 --> 00:02:27,430
potentially wreak havoc on systems and infrastructure
on Earth and avionics on aircraft.

34
00:02:27,430 --> 00:02:32,250
The spacecraft also carries two NASA Earth
science instruments to advance our understanding

35
00:02:32,250 --> 00:02:35,030
of our home planet.

36
00:02:35,030 --> 00:02:39,930
In recognition of African American History
Month, NASA Administrator Charlie Bolden spoke

37
00:02:39,930 --> 00:02:45,470
at a Feb. 9 Federal Emergency Management Agency
event in Washington about the contributions

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00:02:45,470 --> 00:02:50,110
of African Americans in public service and
the role of emergency preparedness throughout

39
00:02:50,110 --> 00:02:51,890
his professional career.

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00:02:51,890 --> 00:02:57,360
Two days later, the Administrator gave a lecture
at the District's MLK Memorial Library about

41
00:02:57,360 --> 00:03:02,160
the challenges facing African Americans in
Science, Technology, Engineering and Math

42
00:03:02,160 --> 00:03:03,720
(STEM) related fields.

43
00:03:03,720 --> 00:03:10,180

“10 Things You Don’t Know about the NACA”
– a Feb. 10 presentation at NASA headquarters

44
00:03:10,180 --> 00:03:15,520
featuring the agency’s Chief Historian Bill
Barry, highlighted little-known facts, fascinating

45
00:03:15,520 --> 00:03:20,600
photos and other interesting details about
the National Advisory Committee for Aeronautics,

46
00:03:20,600 --> 00:03:26,650
NASA’s predecessor, which was founded nearly
100 years ago -- on March 3, 1915.

47
00:03:26,650 --> 00:03:31,200
The NACA became NASA in 1958.

48
00:03:31,200 --> 00:03:33,239
And that’s what’s up this week @NASA ...