



1991 - 1995

1

00:00:00,550 --> 00:00:03,639

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

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00:00:03,639 --> 00:00:09,410

NASA and the National Oceanic and Atmospheric Administration (NOAA) announced on Jan. 18,

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00:00:09,410 --> 00:00:15,160

that global surface temperatures in 2016 were the warmest since modern record keeping began

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00:00:15,160 --> 00:00:16,840

in 1880.

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00:00:16,840 --> 00:00:21,589

The finding was based on results of independent analyses by both agencies.

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00:00:21,589 --> 00:00:26,800

According to analysis by scientists at NASA's Goddard Institute for Space Studies (GISS)

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00:00:26,800 --> 00:00:32,360

in New York, 2016 is the third year in a row to set a new record for global average surface

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00:00:32,360 --> 00:00:37,410

temperatures, further demonstrating a long-term warming trend.

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00:00:37,410 --> 00:00:42,989

The Pressurized Cargo Module (PCM) of Orbital ATK's Cygnus spacecraft has arrived at NASA's

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00:00:42,989 --> 00:00:47,730

Kennedy Space Center, in Florida, in preparation for the company's next cargo mission to

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00:00:47,730 --> 00:00:50,010
the International Space Station.

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00:00:50,010 --> 00:00:55,739
The Cygnus is targeted to launch on a United Launch Alliance Atlas V rocket on March 16

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00:00:55,739 --> 00:01:01,079
from nearby Cape Canaveral Air Force Station to deliver essential supplies, equipment,

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00:01:01,079 --> 00:01:05,670
and scientific experiments to astronauts aboard the space station.

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00:01:05,670 --> 00:01:11,410
This 30-second time-lapse video shows the construction of the 221-foot-high Test Stand

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00:01:11,410 --> 00:01:18,730
4693 at NASA's Marshall Space Flight Center, from May 2014 to December 2016.

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00:01:18,730 --> 00:01:25,060
The test stand will subject the 537,000-gallon liquid hydrogen tank of the Space Launch System

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00:01:25,060 --> 00:01:30,040
rocket's massive core stage to the same stresses and pressures it must endure during

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00:01:30,040 --> 00:01:32,840
launch and in flight.

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00:01:32,840 --> 00:01:39,970
Former NASA astronaut Eugene Cernan, the last man to walk on the moon, died Jan. 16 at the

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00:01:39,970 --> 00:01:42,000
age of 82.

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00:01:42,000 --> 00:01:47,080
The Gemini and Apollo astronaut traveled to space three times, including two trips to

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00:01:47,080 --> 00:01:48,530
the moon.

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00:01:48,530 --> 00:01:52,660
He was also the second American to walk in space.

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00:01:52,660 --> 00:01:58,660
In a statement, NASA Administrator Charlie Bolden remembered Cernan as a patriot and

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00:01:58,660 --> 00:02:05,410
a pioneer who helped shape our country's bold ambitions to do things that humankind had

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00:02:05,410 --> 00:02:07,510
never before achieved.

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00:02:07,510 --> 00:02:25,510
"And, as we leave the Moon at Taurus-Littrow, we leave as we came and, God willing, as we

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00:02:25,510 --> 00:02:29,730
shall return, with peace and hope for all mankind.

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00:02:29,730 --> 00:02:30,730
Godspeed the crew of Apollo 17."

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00:02:30,730 --> 00:02:31,730
And that's what's up this week @NASA ...
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