
SPACEX

1
00:00:00,399 --> 00:00:04,330
Discussing the approach to increasing on-site
work …

2
00:00:04,330 --> 00:00:07,700
The launch pad is ready for Artemis I …

3
00:00:07,700 --> 00:00:12,499
And new findings from an Earth-observing mission
… a few of the stories to tell you about

4
00:00:12,499 --> 00:00:15,919
– This Week at NASA!

5
00:00:15,919 --> 00:00:20,820
During a virtual “Ask the Administrator”
town hall on May 6, NASA Administrator Jim

6
00:00:20,820 --> 00:00:26,439
Bridenstine and other agency leaders spoke
about NASA’s approach to the possible increase

7
00:00:26,439 --> 00:00:30,199
of on-site work at NASA centers and facilities.

8
00:00:30,199 --> 00:00:34,751
The administrator stressed that the safety
of the NASA workforce continues to be the

9
00:00:34,751 --> 00:00:40,790
highest priority of what is expected to be
a methodical, careful transition back to on-site

10
00:00:40,790 --> 00:00:41,790
work.

11
00:00:41,790 --> 00:00:42,790
“We need to make sure that as we slowly,
but surely get back to work – not just as

12
00:00:42,790 --> 00:00:43,790
a nation, but as an agency – that we are
putting your safety; the safety of our people

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00:00:43,790 --> 00:00:44,790
at this agency, as the highest priority.”

14
00:00:44,790 --> 00:00:46,600
Currently, NASA is still operating under a
large-scale mandatory telework policy, with

15
00:00:46,600 --> 00:00:51,530
limited on-site work for mission-essential
activities – including the upcoming launches

16
00:00:51,530 --> 00:00:57,980
of the Mars Perseverance rover, and our Commercial
Crew flight test with SpaceX to the International

17
00:00:57,980 --> 00:00:59,080
Space Station.

18
00:00:59,080 --> 00:01:05,440
After several years of upgrades and modifications,
historic Launch Pad 39B at our Kennedy Space

19
00:01:05,440 --> 00:01:10,580
Center in Florida, is ready to support our
uncrewed Artemis I mission.

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00:01:10,580 --> 00:01:15,800
The upgrades and modifications will enable
the Apollo and shuttle era launch pad to accommodate

21
00:01:15,800 --> 00:01:20,060
our massive Space Launch System rocket and
Orion spacecraft.

22

00:01:20,060 --> 00:01:25,990
Orion will fly around the Moon and back on
Artemis I as part of NASA's lunar exploration

23
00:01:25,990 --> 00:01:27,520
goals.

24
00:01:27,520 --> 00:01:33,520
Data from ICESat-2, the most advanced Earth-observing
laser instrument NASA has ever flown in space,

25
00:01:33,520 --> 00:01:39,200
have been used to determine that the net loss
of ice from Antarctica, along with Greenland's

26
00:01:39,200 --> 00:01:43,799
shrinking ice sheet, has been responsible
for more than a half inch of sea level rise

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00:01:43,799 --> 00:01:47,130
between 2003 and 2019.

28
00:01:47,130 --> 00:01:52,150
The study, which also used data from the original
ICESat mission, found that the average yearly

29
00:01:52,150 --> 00:01:58,000
amount of ice sheet lost in Greenland and
Antarctica each, was enough to fill 400,000

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00:01:58,000 --> 00:02:01,980
Olympic-sized swimming pools hundreds of times
over.

31
00:02:01,980 --> 00:02:06,350
NASA climatologist and author, Claire Parkinson
of our Goddard Space Flight Center, has been

32
00:02:06,350 --> 00:02:11,629
named as a finalist for a 2020 Samuel J. Heyman

Service to America Medal.

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00:02:11,629 --> 00:02:16,590
She is being recognized for work that includes breakthrough scientific research on how changing

34
00:02:16,590 --> 00:02:21,519
sea ice coverage in the Arctic and Antarctic oceans has played a significant role in climate

35
00:02:21,519 --> 00:02:22,519
change.

36
00:02:22,519 --> 00:02:27,110
The “Sammies,” as the award is commonly referred to, recognizes outstanding federal

37
00:02:27,110 --> 00:02:32,459
employees who serve the public good and are addressing many of our country’s greatest

38
00:02:32,459 --> 00:02:33,459
challenges.

39
00:02:33,459 --> 00:02:37,660
NASA, the European Space Agency (ESA) and the Japan Aerospace Exploration Agency (JAXA)

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00:02:37,660 --> 00:02:44,629
invite you to participate in the global Space Apps COVID-19 Challenge, May 30th and 31st.

41
00:02:44,629 --> 00:02:50,489
Virtual teams will use open data during this hackathon to propose solutions to COVID-19-related

42
00:02:50,489 --> 00:02:55,610
challenges – from studying the coronavirus and its spread to the impact it is having

43
00:02:55,610 --> 00:02:57,299
on the Earth system.

44
00:02:57,299 --> 00:02:59,980
For more details check out spaceappschallenge.org.

45
00:02:59,980 --> 00:03:03,340
That’s what’s up this week @NASA …