



1
00:00:00,250 --> 00:00:03,820
Several NASA instruments see their first light
...

2
00:00:03,820 --> 00:00:05,770
Another active week for our administrator
...

3
00:00:05,770 --> 00:00:13,390
And discover just how much space is in our
daily lives ... a few of the stories to tell

4
00:00:13,390 --> 00:00:17,040
you about – This Week at NASA!

5
00:00:17,040 --> 00:00:21,940
Instruments on three spacecraft recently captured
their first imagery or scientific data – a

6
00:00:21,940 --> 00:00:24,680
milestone known as “first light”.

7
00:00:24,680 --> 00:00:31,000
The data include this image captured on Aug.
7 by our Transiting Exoplanet Survey Satellite.

8
00:00:31,000 --> 00:00:36,720
It shows a wealth of stars and other objects
in the southern sky, including systems previously

9
00:00:36,720 --> 00:00:39,190
known to have exoplanets.

10
00:00:39,190 --> 00:00:45,270
This ultraviolet image of the Western Hemisphere
was taken Sept. 11 by our Global-scale Observations

11
00:00:45,270 --> 00:00:51,230
of the Limb and Disk, or GOLD instrument,

onboard the SES-14 satellite.

12
00:00:51,230 --> 00:00:56,920
GOLD studies the Sun's impact on our upper atmosphere, as well as the effects from terrestrial

13
00:00:56,920 --> 00:00:59,280
weather below.

14
00:00:59,280 --> 00:01:04,140
And just over a month into its mission, our Parker Solar Probe has returned first-light

15
00:01:04,140 --> 00:01:06,619
data from each of its four instrument suites.

16
00:01:06,619 --> 00:01:12,800
The mission's first close approach to the Sun will be in November 2018, but even now,

17
00:01:12,800 --> 00:01:17,320
the instruments are able to gather measurements of what is happening in the solar wind closer

18
00:01:17,320 --> 00:01:18,670
to Earth.

19
00:01:18,670 --> 00:01:23,790
It was another busy week for our administrator, Jim Bridenstine.

20
00:01:23,790 --> 00:01:29,170
On Sept. 20, he accompanied First Daughter, Ivanka Trump on a visit to our Johnson Space

21
00:01:29,170 --> 00:01:30,509
Center in Houston.

22
00:01:30,509 --> 00:01:35,350

Along with center management and other dignitaries,
they toured the International Space Station

23
00:01:35,350 --> 00:01:41,100
Flight Control Room, and the facility that
houses mock-ups of our Orion spacecraft and

24
00:01:41,100 --> 00:01:46,950
other hardware used to help train astronauts
for exploration missions to deep space destinations

25
00:01:46,950 --> 00:01:49,540
– including the Moon and Mars.

26
00:01:49,540 --> 00:01:55,799
On Sept. 17, the administrator delivered a
keynote address during the 2018 AIAA Space

27
00:01:55,799 --> 00:01:57,570
Forum in Orlando.

28
00:01:57,570 --> 00:02:03,159
He also joined five former NASA administrators
on a panel to discuss the agency's accomplishments

29
00:02:03,159 --> 00:02:08,110
in its first 60 years, and its goals for the
immediate future and beyond.

30
00:02:08,110 --> 00:02:09,840
“We’re going forward to the Moon.

31
00:02:09,840 --> 00:02:12,860
We’re doing it in a way that’s never been
done before.

32
00:02:12,860 --> 00:02:15,780
The key word being – ‘sustainably’.

33

00:02:15,780 --> 00:02:19,920

And Space Policy Directive-1 is absolutely clear on that.”

34

00:02:19,920 --> 00:02:25,470

And on Sept. 18 and 19, Bridenstine visited our Glenn Research Center in Cleveland.

35

00:02:25,470 --> 00:02:30,910

While there, he met with employees and toured Glenn’s world-class facilities – including

36

00:02:30,910 --> 00:02:35,599

nearby Plum Brook Station, which houses the world’s largest and most powerful space

37

00:02:35,599 --> 00:02:39,700

environment simulation facilities.

38

00:02:39,700 --> 00:02:44,660

NASA Home & City is our new interactive website that lets you explore just how much NASA there

39

00:02:44,660 --> 00:02:46,830

is in your everyday life.

40

00:02:46,830 --> 00:02:51,599

The site features a virtual space in which users can discover NASA spinoffs.

41

00:02:51,599 --> 00:02:58,060

These spinoffs are common items and commercial products inspired by or improved by NASA technology

42

00:02:58,060 --> 00:03:01,769

originally developed for studying and exploring space.

43

00:03:01,769 --> 00:03:06,340

To explore the NASA Home & City site, go to

homeandcity.nasa.gov.

44

00:03:08,380 --> 00:03:10,220

That's what's up this week @NASA ...