
IBM
EXPERIMENTERS TEST CONTROL

1
00:00:00,340 --> 00:00:03,479
Celebrating contributions by women to space exploration …

2
00:00:03,479 --> 00:00:08,139
A spotlight on the leading role of women in our Artemis program …

3
00:00:08,139 --> 00:00:13,190
And views from the space station of Hurricane Dorian … a few of the stories to tell you

4
00:00:13,190 --> 00:00:16,049
about – This Week at NASA!

5
00:00:16,049 --> 00:00:20,910
In celebration of Women's Equality Day on Aug. 26, we recognized the contributions of

6
00:00:20,910 --> 00:00:23,119
women to space exploration.

7
00:00:23,119 --> 00:00:28,789
For our Christina Koch, it also marked her 164th day in space and the midway point of

8
00:00:28,789 --> 00:00:33,220
what is expected to be a record-setting stay onboard the International Space Station, by

9
00:00:33,220 --> 00:00:36,540
the time she returns to Earth in February 2020.

10
00:00:36,540 --> 00:00:43,530
Aug. 26 was also the 101st birthday of legendary NASA mathematician Katherine Johnson who,

11
00:00:43,530 --> 00:00:49,239

along with many other human computers, performed
critical calculations that helped our nation’s

12
00:00:49,239 --> 00:00:52,930
space program get off the ground.

13
00:00:52,930 --> 00:00:57,620
Our Administrator Jim Bridenstine participated
in a Women's Equality Day event during a visit

14
00:00:57,620 --> 00:01:00,600
to our Ames Research Center in California.

15
00:01:00,600 --> 00:01:05,329
It was an opportunity to highlight women leaders
and to discuss our Artemis program, which

16
00:01:05,329 --> 00:01:09,109
will put the first woman on the Moon within
the next five years.

17
00:01:09,109 --> 00:01:14,689
House Speaker Nancy Pelosi, U.S. Rep. Anna
Eshoo (Eh-shoe) and others also attended the

18
00:01:14,689 --> 00:01:15,689
event.

19
00:01:15,689 --> 00:01:21,289
The administrator also toured the nearby facilities
of NASA partner Made in Space, a company that

20
00:01:21,289 --> 00:01:26,270
has developed 3D printers used onboard the
International Space Station, and is also developing

21
00:01:26,270 --> 00:01:32,499
technologies that could support our Moon to
Mars exploration effort.

22
00:01:32,499 --> 00:01:37,061
Cameras outside the International Space Station
captured views of Hurricane Dorian on the

23
00:01:37,061 --> 00:01:43,100
afternoon of Aug. 29 as it churned over the
Atlantic Ocean north of Puerto Rico.

24
00:01:43,100 --> 00:01:47,909
At the time the storm was moving northwest
at about 13 miles an hour and was predicted

25
00:01:47,909 --> 00:01:53,179
by the National Hurricane Center to approach
the east coast of Florida around Labor Day,

26
00:01:53,179 --> 00:01:56,559
as a possible category 4 hurricane.

27
00:01:56,559 --> 00:02:00,929
A busy week of spacecraft maneuverings at
the International Space Station.

28
00:02:00,929 --> 00:02:06,739
Just before midnight EDT on Aug. 25, three
station crew members – including our Andrew

29
00:02:06,739 --> 00:02:11,829
Morgan relocated a Soyuz spacecraft from one
docking port to another.

30
00:02:11,829 --> 00:02:16,400
The vacated port was then used the following
day for the successful docking of an uncrewed

31
00:02:16,400 --> 00:02:20,080
Soyuz on its second attempt to dock to the
station.

32

00:02:20,080 --> 00:02:25,900
It arrived with 1,450 pounds of cargo for
the station crew.

33
00:02:25,900 --> 00:02:30,500
Also on the move – a SpaceX Dragon resupply
spacecraft left the space station on Aug.

34
00:02:30,500 --> 00:02:32,629
27 for its return to Earth.

35
00:02:32,629 --> 00:02:36,439
The Dragon, which arrived at the station about
a month earlier, safely splashed down off

36
00:02:36,439 --> 00:02:42,049
the coast of Long Beach, California with almost
2,700 pounds of valuable scientific experiments

37
00:02:42,049 --> 00:02:44,909
and other cargo.

38
00:02:44,909 --> 00:02:48,610
We are recruiting help from students around
the country to come up with a name for our

39
00:02:48,610 --> 00:02:50,659
next Mars rover mission.

40
00:02:50,659 --> 00:02:56,760
The Mars 2020 Name the Rover essay contest
is open to entries from K-12 students in U.S.

41
00:02:56,760 --> 00:03:01,499
public, private and home schools – with
one grand prize receiving an invitation to

42
00:03:01,499 --> 00:03:06,999
see the mission launch in July 2020 from Cape
Canaveral Air Force Station in Florida.

43
00:03:06,999 --> 00:03:10,489
For complete contest and prize details, visit:
go.nasa.gov/name2020.

44
00:03:10,489 --> 00:03:15,770
That’s what’s up this week @NASA …