

TW@N

THIS WEEK @ NASA



1
00:00:00,640 --> 00:00:04,960
a u.s commercial spacecraft departs\the space station more supplies and\

2
00:00:04,960 --> 00:00:10,160
hardware are delivered to the station and a\moniker for the artemis one missions moonikin\

3
00:00:10,160 --> 00:00:16,560
a few of the stories to tell you about this week\at nasa on june 29th a northrop grumman cygnus\

4
00:00:16,560 --> 00:00:21,760
spacecraft left the international space station\four months after it arrived with about 8 000\

5
00:00:21,760 --> 00:00:27,760
pounds of scientific experiments and supplies for\the orbiting laboratory the spacecraft was named\

6
00:00:27,760 --> 00:00:33,040
after storied nasa mathematician catherine\johnson who broke through barriers of gender\

7
00:00:33,040 --> 00:00:38,320
and race to calculate orbital mechanics for\some of the first u.s human space flights\

8
00:00:39,040 --> 00:00:44,560
an uncrewed russian progress cargo ship arrived\at the space station on july 1st two days after\

9
00:00:44,560 --> 00:00:49,360
launching from the baikonur cosmodrome in\kazakhstan the progress which was packed with\

10
00:00:49,360 --> 00:00:56,240
more than 3 600 pounds of food fuel and supplies\for the expedition 65 crew will spend almost five\

11
00:00:56,240 --> 00:01:01,680
months at the station the official name of the
mannequin launching on our uncrewed artemis one

12
00:01:01,680 --> 00:01:07,360
flight test later this year is commander munich
and campos the name selected through the public

13
00:01:07,360 --> 00:01:14,640
name the moonikin contest is a dedication to
arturo campos a key player in bringing apollo 13

14
00:01:14,640 --> 00:01:19,920
safely back to earth sensors on the munich and
will capture data that will help nasa protect

15
00:01:19,920 --> 00:01:25,680
astronauts on artemis ii the first mission in
more than 50 years that will send humans around

16
00:01:25,680 --> 00:01:32,240
the moon data from nasa's ecosystem spaceborne
thermal radiometer experiment on space station was

17
00:01:32,240 --> 00:01:38,320
used to map the recent extreme heat in the pacific
northwest the deep reds in the map illustrate the

18
00:01:38,320 --> 00:01:44,240
120 degree fahrenheit land surface temperatures
recorded on june 25th in seattle washington

19
00:01:44,800 --> 00:01:49,600
all-time temperature records have fallen
in multiple cities in the u.s and canada

20
00:01:49,600 --> 00:01:55,840
during this heat wave which the national weather
service called historic and dangerous on june

21
00:01:55,840 --> 00:02:01,920
30th we marked international asteroid day with
a special episode of nasa science live featuring

22
00:02:01,920 --> 00:02:08,560
experts talking about all things asteroids you
could say that every day is asteroid day at nasa

23
00:02:08,560 --> 00:02:14,960
from our missions visiting asteroids in our solar
system to finding tracking and monitoring them in

24
00:02:14,960 --> 00:02:20,800
an effort to protect our planet from potential
impact hazards asteroids are rocky remnants left

25
00:02:20,800 --> 00:02:27,200
over from the early formation of our solar system
about 4.6 billion years ago there are currently

26
00:02:27,200 --> 00:02:33,920
more than one million known asteroids in our solar
system nasa's latest software catalog is available

27
00:02:33,920 --> 00:02:39,760
for free public download it includes hundreds
of programs developed to help explore space

28
00:02:39,760 --> 00:02:44,640
that could also be used for applications
beneficial to life here on earth for more

29
00:02:44,640 --> 00:02:52,160
about the software catalog and our technology
transfer program visit technology.nasa.gov that's