

A photograph of a ship's deck during a recovery operation. In the foreground, a metallic, conical capsule is partially submerged in the dark blue ocean. It is supported by a yellow metal structure with a yellow buoy at its base. Several large, orange spherical buoys with white leaf-like patterns are attached to the top of the capsule. In the background, a group of crew members in orange safety gear stands on an upper deck level, looking towards the capsule. The ship's hull is made of dark metal panels.

TW@N

THIS WEEK @ NASA

1

00:00:00,260 --> 00:00:04,140

The Orion spacecraft is back in Florida, after Artemis I ...

2

00:00:04,140 --> 00:00:06,350

A direct deposit on Mars ...

3

00:00:06,350 --> 00:00:11,170

And an insightful mission comes to an end ... a few of the stories to tell you about

4

00:00:11,170 --> 00:00:13,349

– This Week at NASA!

5

00:00:13,349 --> 00:00:19,850

The Orion spacecraft that completed the 1.4-million-mile Artemis I mission beyond the Moon and back,

6

00:00:19,850 --> 00:00:24,710

has been safely retrieved from the Pacific Ocean and transported back to our Kennedy

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00:00:24,710 --> 00:00:30,320

Space Center in Florida. The spacecraft will undergo post-flight analysis ahead of the

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00:00:30,320 --> 00:00:33,719

first crewed flight of Orion on Artemis II.

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00:00:33,719 --> 00:00:39,550

NASA's Perseverance rover recently deposited a titanium tube, filled with a rock sample,

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00:00:39,550 --> 00:00:44,950

onto the surface of Mars. It is the first of about 10 sample tubes the rover is expected

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00:00:44,950 --> 00:00:50,480

to eventually leave at a location on Mars

called "Three Forks." Sample tubes dropped

12

00:00:50,480 --> 00:00:56,410

off there could be returned to Earth by the future Mars Sample Return campaign.

13

00:00:56,410 --> 00:01:01,530

Mission managers have ended the InSight mission on Mars after consecutive attempts to contact

14

00:01:01,530 --> 00:01:06,799

the spacecraft failed. InSight spent more than four years collecting unique science

15

00:01:06,799 --> 00:01:12,310

about the interior layers of Mars that is helping us better understand all rocky planets,

16

00:01:12,310 --> 00:01:14,070

including Earth.

17

00:01:14,070 --> 00:01:20,460

Former NASA astronaut Walter Cunningham passed away on Jan. 3. Cunningham flew on the first

18

00:01:20,460 --> 00:01:26,601

crewed Apollo flight, and later served as chief astronaut for the Skylab program. Walt

19

00:01:26,601 --> 00:01:29,090

Cunningham was 90 years old.