



1

00:00:00,010 --> 00:00:04,140

[music] Noah Petro: My name is Noah Petro--I'm a Research Scientist

2

00:00:04,160 --> 00:00:08,260

here at the Goddard Space Flight Center, and I'm also on the LRO Project Science Team.

3

00:00:08,280 --> 00:00:12,370

We have some of the most stunning images of the lunar surface that I've ever seen--

4

00:00:12,390 --> 00:00:16,470

these are pictures of the Apollo 17, Apollo 14,

5

00:00:16,490 --> 00:00:20,550

and Apollo 12 landing sites, giving us the clearest view

6

00:00:20,570 --> 00:00:24,630

of where the astronauts went, where they sampled, where they conducted scientific experiments

7

00:00:24,650 --> 00:00:28,700

on the lunar surface. So these are images that were taken by an instrument

8

00:00:28,720 --> 00:00:32,750

called the Lunar Reconnaissance Orbiter Camera--it's an instrument on the LRO mission

9

00:00:32,770 --> 00:00:36,780

and when I first took a look at these images, you know, my jaw dropped to the ground.

10

00:00:36,800 --> 00:00:40,810

When you see something that you've never seen before, and in a quality

11

00:00:40,830 --> 00:00:44,950

that you've never seen before--it really just made me speechless.

12

00:00:44,970 --> 00:00:49,070

For example, at the Apollo 17 landing site, we can see where

13

00:00:49,090 --> 00:00:53,210

the lunar rover is parked on the surface. We can see where it drove around around the

14

00:00:53,230 --> 00:00:57,320

lunar module, you can see the areas where the astronauts kicked up the dust when they walked

15

00:00:57,340 --> 00:01:01,420

around. You can see some of the experiments that were left behind sitting on the surface

16

00:01:01,440 --> 00:01:05,520

40 years ago, and you can see where they are, still sitting there, on the lunar surface.

17

00:01:05,540 --> 00:01:09,590

These are some of the most amazing images

18

00:01:09,610 --> 00:01:13,660

of the moon that I've ever seen because they really put into, sort of, a really

19

00:01:13,680 --> 00:01:17,720

cool context of what was done back during Apollo.