



1
00:00:00,010 --> 00:00:04,480
[Music]

2
00:00:04,500 --> 00:00:07,680
[Spanish] For me, it is as if we were solving a crime.

3
00:00:07,700 --> 00:00:15,110
There is evidence that the planet lost its atmosphere, and photographic evidence of rivers that are dry.

4
00:00:15,130 --> 00:00:20,980
And there are compound minerals that only exist in the presence of water.

5
00:00:21,000 --> 00:00:27,560
So the question is, what happened to the atmosphere of Mars, who is guilty?

6
00:00:28,700 --> 00:00:37,330
My name is Carlos Gomez, I'm a systems engineer for the MAVEN project and I'm in charge of the ground com

7
00:00:37,350 --> 00:00:46,130
MAVEN is an orbiter that will go to Mars to study how the climate has changed over billions of years.

8
00:00:46,150 --> 00:00:54,050
I'm in charge of the system that will send information to the satellite, so that we can tell it what to do,

9
00:00:54,070 --> 00:00:59,100
and that will receive information on the health of the instruments,

10
00:00:59,120 --> 00:01:05,230
and most importantly the data that it will be collecting from the planet.

11
00:01:05,250 --> 00:01:11,980
I work with teams that are spread across the country, so communication is very important.

12
00:01:12,000 --> 00:01:18,430
You always have to be talking, knowing what's going on, what's happening that day and what your plans are.

13
00:01:18,450 --> 00:01:23,180

MAVEN is the first mission to Mars that NASA Goddard has in its hands.

14

00:01:23,200 --> 00:01:27,230

It's exciting but a lot of responsibility.

15

00:01:27,250 --> 00:01:35,430

With the responsibility comes the work, long and difficult work, but also the satisfaction of a job well done.

16

00:01:35,450 --> 00:01:42,530

Working here is exciting. There is always a test, always a challenge, always something interesting to work on.

17

00:01:42,550 --> 00:01:45,980

You could never be bored working here at NASA.

18

00:01:46,000 --> 00:01:50,080

What is the most exciting thing about my work?

19

00:01:50,100 --> 00:01:51,980

Mars!