



1  
00:00:00,016 --> 00:00:00,684

[Music]

2  
00:00:00,684 --> 00:00:02,085

From its beginning,

3  
00:00:02,085 --> 00:00:06,106

NASA has always kept one eye looking back at Earth.

4  
00:00:07,223 --> 00:00:11,261

For five decades, Landsat satellites have provided a continuous,

5  
00:00:11,261 --> 00:00:14,297

seamless record of Earth's land surface.

6  
00:00:14,314 --> 00:00:17,584

With unmatched longevity, accuracy, and coverage,

7  
00:00:17,650 --> 00:00:20,954

they are the cornerstone of global land imaging.

8  
00:00:22,222 --> 00:00:24,557

Landsat 9 continues this tradition,

9  
00:00:24,574 --> 00:00:28,611

and will carry us into the next fifty years of Earth observations.

10  
00:00:28,978 --> 00:00:30,346

The two instruments on-board

11  
00:00:30,346 --> 00:00:32,165

will make the most advanced measurements

12  
00:00:32,165 --> 00:00:34,350

of any Landsat satellite.

13  
00:00:34,734 --> 00:00:38,071

Sending back 14-bit data, ready for analysis,

14

00:00:38,071 --> 00:00:41,007

while collecting more data than ever before.

15

00:00:41,624 --> 00:00:46,046

Landsat 9's technical improvements will enable advances in science:

16

00:00:46,146 --> 00:00:48,031

monitoring coastal waters

17

00:00:48,031 --> 00:00:49,949

mapping ice velocity

18

00:00:49,949 --> 00:00:53,653

improved surface temperature readings

19

00:00:54,254 --> 00:00:56,089

The science data from Landsat 9

20

00:00:56,089 --> 00:00:58,174

will be used to predict crop yields,

21

00:00:58,174 --> 00:01:00,376

manage our water resources,

22

00:01:00,376 --> 00:01:03,546

and assess the health of forest ecosystems.

23

00:01:05,298 --> 00:01:09,119

Landsat 9 is bringing Earth into clear focus

24

00:01:09,736 --> 00:01:10,887

every year,