



1
00:00:00,100 --> 00:00:04,220
[music] Narrator: On August 21, 2017,

2
00:00:04,240 --> 00:00:08,420
a solar eclipse will pass over all 50 United States.

3
00:00:08,440 --> 00:00:14,260
This will afford most of the country a glimpse of what it is like to have the moon

4
00:00:14,260 --> 00:00:21,120
slide between the sun and the Earth casting a shadow on us down below.

5
00:00:21,150 --> 00:00:25,170
The experience will look different depending on where you are located.

6
00:00:25,190 --> 00:00:29,320
If you are along the path of totality, you see the moon fully block the sun.

7
00:00:29,340 --> 00:00:33,510
If you are outside of the path, you will see the moon go by,

8
00:00:33,530 --> 00:00:37,710
but the sun will never be fully covered.

9
00:00:37,730 --> 00:00:41,750
Wherever you are, you never want to look directly at the sun without protection,

10
00:00:41,770 --> 00:00:45,900
like eclipse glasses (not sunglasses).

11
00:00:45,920 --> 00:00:50,020
The one exception is if you are able to see totality.

12
00:00:50,040 --> 00:00:56,100
Only when the moon has fully blocked the sun, you are safe to look at the eclipse directly.

13
00:00:56,100 --> 00:00:59,460

Before and after that moment, keep your eyes protected.

14

00:01:00,800 --> 00:01:02,920

Events like this are rare.

15

00:01:03,920 --> 00:01:10,400

The last total solar eclipse to cross the U.S. coast-to-coast was in 1918,

16

00:01:10,400 --> 00:01:18,380

and the next total solar eclipse in the continental U.S. isn't until 2024.

17

00:01:18,380 --> 00:01:23,420

Don't miss this opportunity to experience a solar eclipse! Learn more at eclipse2017.nasa.gov

18

00:01:23,440 --> 00:01:30,280

music