

PICK UP AFTER YOURSELF

NOTE: TACTILES NOT TO SCALE BY SIZE OR DISTANCE

TACTILE 1



SUN

EXTERNAL TANGENT LINES

UMBRA

MOON

EARTH

PATH OF TOTALITY

TACTILE 2



TOTALITY

PARTIAL

big, even
Yes Call
18

1

00:00:01,000 --> 00:00:03,420

Narrator: NASA has created a tactile guide called

2

00:00:03,420 --> 00:00:05,910

"Getting a Feel for Eclipses" to help people

3

00:00:05,910 --> 00:00:08,030

who are visually impaired to learn about

4

00:00:08,030 --> 00:00:09,810

the solar eclipse that will traverse the

5

00:00:09,810 --> 00:00:14,450

United States on August 21, 2017.

6

00:00:14,450 --> 00:00:15,550

Cassandra Runyon: This tactile book for the

7

00:00:15,550 --> 00:00:17,220

eclipses, as well as some of the others that we've

8

00:00:17,220 --> 00:00:20,350

been making, are a way for the people who are

9

00:00:20,350 --> 00:00:22,700

blind or visually impaired to be able to see

10

00:00:22,700 --> 00:00:24,730

through their hands, their fingers.

11

00:00:24,730 --> 00:00:26,570

And we've been finding that it's extremely

12

00:00:26,570 --> 00:00:29,180

helpful for those who are sighted, as well,

13

00:00:29,180 --> 00:00:32,160

to grasp the concepts being conveyed through

14

00:00:32,160 --> 00:00:34,300

different textures and patterns that

15

00:00:34,300 --> 00:00:36,550

we're putting on the book.

16

00:00:36,550 --> 00:00:39,000

Narrator: The eclipse tactile guide is the latest

17

00:00:39,000 --> 00:00:40,900

in the braille book series, following

18

00:00:40,900 --> 00:00:42,980

"Getting a Feel for Lunar Craters,"

19

00:00:42,980 --> 00:00:45,580

and "Exploring Mars."

20

00:00:45,580 --> 00:00:48,500

Cassandra: For the first time, the users that are,

21

00:00:48,500 --> 00:00:50,530

or the explorers if you will, that are looking at

22

00:00:50,530 --> 00:00:53,910

the book can sense and see what's about to happen

23

00:00:53,910 --> 00:00:56,590

and understand it for the first time.

24

00:00:56,590 --> 00:00:58,280

And they're amazed that a book like this

25

00:00:58,280 --> 00:01:00,250

has been produced to help them understand

26

00:01:00,250 --> 00:01:02,100

what's going to happen.

27

00:01:02,100 --> 00:01:03,870

Joe Minafra: It is the perfect opportunity

28

00:01:03,870 --> 00:01:06,160

for NASA to engage the public, including the

29

00:01:06,160 --> 00:01:09,550

visually impaired, in our missions, in our

30

00:01:09,550 --> 00:01:12,810

understanding of the natural world around us.

31

00:01:12,810 --> 00:01:14,030

That is why we do this.

32

00:01:14,030 --> 00:01:15,770

It's their space agency, we want to

33

00:01:15,770 --> 00:01:18,250

include them, as well.

34

00:01:18,250 --> 00:01:20,590

Narrator: Over 5,000 copies of the eclipse book

35

00:01:20,590 --> 00:01:22,110

have been sent to schools,

36

00:01:22,110 --> 00:01:25,450

libraries for the blind, museums, science centers