



1
00:00:10,150 --> 00:00:08,549
hi i'm nora jones and i'm pierce sellers

2
00:00:11,910 --> 00:00:10,160
nasa spends a lot of time looking out

3
00:00:14,150 --> 00:00:11,920
into our universe but it also spends a

4
00:00:15,509 --> 00:00:14,160
lot of time looking in at earth in

5
00:00:17,269 --> 00:00:15,519
addition to satellites that provide

6
00:00:19,429 --> 00:00:17,279
scientists with vital information about

7
00:00:21,349 --> 00:00:19,439
the health of our planet nasa research

8
00:00:23,349 --> 00:00:21,359
often results in technologies that clean

9
00:00:25,670 --> 00:00:23,359
contaminated land and water

10
00:00:27,109 --> 00:00:25,680
improve air quality and even help

11
00:00:28,790 --> 00:00:27,119
ecologists understand the habits of

12
00:00:30,950 --> 00:00:28,800
endangered animals nasa is doing

13
00:00:32,790 --> 00:00:30,960

pioneering research to improve energy

14

00:00:33,830 --> 00:00:32,800

efficiency and reduce our carbon

15

00:00:35,750 --> 00:00:33,840

emissions

16

00:00:38,150 --> 00:00:35,760

in fact we've helped develop aircraft

17

00:00:40,310 --> 00:00:38,160

winglets and turbine blades

18

00:00:42,389 --> 00:00:40,320

and even a technology first created to

19

00:00:44,950 --> 00:00:42,399

provide astronauts on mars with fuel and

20

00:00:47,590 --> 00:00:44,960

oxygen is now generating clean energy

21

00:00:48,950 --> 00:00:47,600

for organizations and businesses across

22

00:00:50,549 --> 00:00:48,960

the country

23

00:00:52,790 --> 00:00:50,559

as new nasa programs call for

24

00:00:54,549 --> 00:00:52,800

innovations in energy some of these same

25

00:00:57,110 --> 00:00:54,559

innovations will be applied to create

26

00:00:59,270 --> 00:00:57,120

efficient affordable power on earth nasa

27

00:01:00,790 --> 00:00:59,280

research helps us understand our planet

28

00:01:03,189 --> 00:01:00,800

as well as all the others

29

00:01:05,270 --> 00:01:03,199

earth is still my favorite planet nora

30

00:01:06,870 --> 00:01:05,280

that's right piers there's more space in