



1
00:00:07,990 --> 00:00:05,190
when we look back at earth from our

2
00:00:09,910 --> 00:00:08,000
unique perspective from space

3
00:00:11,990 --> 00:00:09,920
we're reminded that it is a beautiful

4
00:00:14,310 --> 00:00:12,000
oasis in the universe

5
00:00:17,830 --> 00:00:14,320
a planet full of towering mountains

6
00:00:19,990 --> 00:00:17,840
frozen landscapes painted deserts

7
00:00:22,630 --> 00:00:20,000
a planet teeming with life

8
00:00:26,950 --> 00:00:22,640
one big ecosystem of which we are all

9
00:00:31,429 --> 00:00:29,189
nasa's investment in space

10
00:00:33,590 --> 00:00:31,439
the unique earth science conducted from

11
00:00:36,310 --> 00:00:33,600
orbit and the technology developed by

12
00:00:38,310 --> 00:00:36,320
living in space and exploring our solar

13
00:00:40,790 --> 00:00:38,320

system and universe

14

00:00:42,709 --> 00:00:40,800

returns benefits every day to people

15

00:00:44,630 --> 00:00:42,719

around the world

16

00:00:46,150 --> 00:00:44,640

people working to protect and sustain

17

00:00:49,670 --> 00:00:46,160

earth's environment

18

00:00:51,990 --> 00:00:49,680

people helping communities to thrive

19

00:00:54,630 --> 00:00:52,000

nasa collects data from a fleet of earth

20

00:00:56,510 --> 00:00:54,640

observing satellites orbiting the planet

21

00:00:59,510 --> 00:00:56,520

24 hours a day

22

00:01:01,510 --> 00:00:59,520

365 days a year

23

00:01:03,430 --> 00:01:01,520

we collect data from earth observing

24

00:01:04,549 --> 00:01:03,440

instruments on the international space

25

00:01:05,830 --> 00:01:04,559

station

26

00:01:08,230 --> 00:01:05,840

aircraft

27

00:01:10,870 --> 00:01:08,240

boats and on land

28

00:01:12,710 --> 00:01:10,880

we use and share that data to better

29

00:01:17,350 --> 00:01:12,720

understand the planet's interconnected

30

00:01:21,670 --> 00:01:19,190

innovations we develop are broadly

31

00:01:24,469 --> 00:01:21,680

available to industry and the public and

32

00:01:27,270 --> 00:01:24,479

have cleaned up oil spills propel wind

33

00:01:28,870 --> 00:01:27,280

turbines purified drinking water and

34

00:01:30,710 --> 00:01:28,880

more

35

00:01:33,109 --> 00:01:30,720

we use our vantage point of space to

36

00:01:36,069 --> 00:01:33,119

monitor the health of crops predict

37

00:01:38,069 --> 00:01:36,079

droughts and floods to help engineers

38

00:01:39,429 --> 00:01:38,079

and planners mitigate the effect of sea

39

00:01:42,310 --> 00:01:39,439

level rise

40

00:01:45,350 --> 00:01:42,320

map changes in land ice

41

00:01:49,270 --> 00:01:45,360

we track wildfires chart hurricanes and

42

00:01:53,109 --> 00:01:50,630

but more than just observing these

43

00:01:54,469 --> 00:01:53,119

phenomena nasa provides near real-time

44

00:01:56,950 --> 00:01:54,479

data to first responders and

45

00:01:58,469 --> 00:01:56,960

decision-makers to provide help when it

46

00:02:00,389 --> 00:01:58,479

is needed

47

00:02:02,230 --> 00:02:00,399

every day cutting edge technologies are

48

00:02:05,190 --> 00:02:02,240

being developed as we prepare to send

49

00:02:07,030 --> 00:02:05,200

the first woman and next man to the moon

50

00:02:08,630 --> 00:02:07,040

technologies that will someday benefit

51
00:02:11,270 --> 00:02:08,640
life on earth

52
00:02:13,830 --> 00:02:11,280
and as we explore the moon and mars we

53
00:02:17,030 --> 00:02:13,840
will learn more about earth inspiring us

54
00:02:19,350 --> 00:02:17,040
to be better stewards of our home planet

55
00:02:21,830 --> 00:02:19,360
as nasa joins the world in observing the

56
00:02:23,910 --> 00:02:21,840
50th anniversary of earth day we

57
00:02:26,229 --> 00:02:23,920
reaffirm our commitment to understanding

58
00:02:28,309 --> 00:02:26,239
our planet's interconnected systems and

59
00:02:29,820 --> 00:02:28,319
to help protect them for future