



1
00:00:04,000 --> 00:00:09,260
[music]

2
00:00:09,280 --> 00:00:15,450
In daylight, our big blue marble is all land, oceans and clouds.

3
00:00:16,150 --> 00:00:18,880
But the night is electric.

4
00:00:19,320 --> 00:00:23,980
Seen from space, our planet comes alive with light.

5
00:00:25,000 --> 00:00:32,980
This new view of the Earth's night lights is a composite of data acquired by the polar orbiting Suomi NPP satellite.

6
00:00:35,000 --> 00:00:44,980
Aboard the satellite, a newly designed instrument called VIIRS is able to collect what scientists say is a remarkable

7
00:00:47,810 --> 00:00:52,980
In some places, city lights resemble solitary stars in the night sky.

8
00:00:54,100 --> 00:00:56,980
In other places, dense clusters of galaxies.

9
00:00:59,540 --> 00:01:04,340
The satellite can even distinguish brightly lit boats that line Egypt's Nile River.

10
00:01:06,360 --> 00:01:14,300
And the massive flames from gas flares produced as a byproduct of oil and gas exploration in the Middle East.

11
00:01:16,330 --> 00:01:24,980
As the satellite passes over the darkness of the Himalayas, it shows how human settlement is bound by natural

12
00:01:27,260 --> 00:01:32,280
Even political borders are starkly visible in this view of North and South Korea.

13
00:01:34,300 --> 00:01:36,980

And in a line of fishing boats that dot the Yellow Sea.

14

00:01:40,000 --> 00:01:47,980

But not all light is electric. Glowing just as bright, flaming wildfires burn across Australia.