



1  
00:00:00,010 --> 00:00:11,040  
(Howling wind, chimes, and music)

2  
00:00:11,060 --> 00:00:17,060  
NPPy: Mom, didn't there use to be more ice? NPPy's Mom: There was more, yes.

3  
00:00:17,080 --> 00:00:24,090  
NPPy: We've been walking for hours. Mom, aren't you hungry?

4  
00:00:24,110 --> 00:00:26,110  
NPPy's Mom: I am.

5  
00:00:26,130 --> 00:00:28,150  
NPPy: Mom check it out it's NPP.

6  
00:00:28,170 --> 00:00:30,190  
NPPy's Mom: Well, just do it over there.

7  
00:00:30,210 --> 00:00:35,920  
NPPy: No Mom, I mean it's a satellite called NPP and it's flown past us 3 times today.

8  
00:00:35,940 --> 00:00:37,990  
NPPy's Mom: Mmhm, can we please keep moving?

9  
00:00:38,010 --> 00:00:41,030  
NPPy: No, it's one of NASA's satellites Mom. (voice fades out)

10  
00:00:43,090 --> 00:00:49,090  
NPPy: So NPP basically checks the health of the Earth from Space. So cool.

11  
00:00:49,110 --> 00:00:55,160  
That's 5 instruments to help us make better weather predictions and even see what's going on with the climate

12  
00:00:55,180 --> 00:00:59,230  
You hear a lot about the climate changing and how big a deal it is for everyone.

13  
00:00:59,250 --> 00:01:03,290

But it's hard to really get what that means until you start to see changes at home.

14

00:01:03,310 --> 00:01:06,330

For my Mom and me, it's when our ice goes away.

15

00:01:06,350 --> 00:01:11,360

Might not mean a ton to you, but for us, it's how we find our food. It's our home.

16

00:01:11,380 --> 00:01:14,450

So how do we know if Earth is healthy or not?

17

00:01:14,470 --> 00:01:18,530

We need to look at it from outer space, using satellites like NPP.

18

00:01:18,550 --> 00:01:22,590

NPP has different sensors that look at different parts of the Earth's environment.

19

00:01:22,610 --> 00:01:24,640

Including the land, sky and water.

20

00:01:24,660 --> 00:01:30,700

Each sensor takes it's own look at what's happening and beams it down to us everytime NPP flies over.

21

00:01:30,720 --> 00:01:35,770

That'll show us what's happening right now to the sea ice, ocean temperatures,

22

00:01:35,790 --> 00:01:39,820

humidity, clouds and other things on the Earth, our home.

23

00:01:39,840 --> 00:01:43,880

And when we look at all these things together, it can tell us how our Earth is doing.

24

00:01:43,900 --> 00:01:48,890

And we can even compare them to stuff we've done in the past to see how everything is changing.

25

00:01:48,910 --> 00:01:52,900

The coolest thing is NPP will help predict the way things could change in the future.

26

00:01:52,920 --> 00:01:55,940

And that will help us figure out what we need to do now.

27

00:01:55,960 --> 00:01:59,000

NPPy's Mom: NPPy come on. Let's go.

28

00:01:59,020 --> 00:02:03,060

NPPy: OK Mom. Gotta go, see you later.