



1
00:00:10,000 --> 00:00:16,000

We're going to zoom to an area that's west of Olympus Mons, the solar system's biggest volcano.

2
00:00:16,000 --> 00:00:21,000

These areas called, Amazonis, are volcanic plains covered with dust

3
00:00:21,000 --> 00:00:25,000

and this season is northern spring on Mars.

4
00:00:25,000 --> 00:00:30,000

At this time, the ground's getting hot and when the ground gets hot it can produce dust devils.

5
00:00:30,000 --> 00:00:36,000

And here we've captured one of those in a high-resolution image from the Mars Reconnaissance Orbiter.

6
00:00:36,000 --> 00:00:40,000

From that image, we can reconstruct what this would look like

7
00:00:40,000 --> 00:00:45,000

if we were able to get an oblique view, as if we were in a helicopter flying around the dust devil.

8
00:00:45,000 --> 00:00:49,000

The streak on the surface, the dark band, is actually the shadow

9
00:00:49,000 --> 00:00:55,000

and that's what we construct the height of the dust devil and show you this view of it.

10
00:00:55,000 --> 00:00:59,000

The dust devil itself, the core of it, is about 100 feet across.