



GREENLAND SUMMIT  
OBSERVATORY

1  
00:00:00,050 --> 00:00:04,080

[music]

1,387

2  
00:00:04,100 --> 00:00:07,960

different orbit paths every 91 days by

3  
00:00:07,960 --> 00:00:12,160

ICESat-2. The orbit pattern creates a dense grid over the

4  
00:00:12,190 --> 00:00:16,270

poles, all anchored here at the Greenland Summit Observatory.

5  
00:00:16,290 --> 00:00:20,480

Since each orbital path will repeat every three

6  
00:00:20,500 --> 00:00:24,680

months, scientists will be able to observe changing between seasons.

7  
00:00:24,700 --> 00:00:28,910

The more frequent measurements of the polar regions will give us a more

8  
00:00:28,930 --> 00:00:33,040

detailed look at retreating glaciers, melting ice sheets and