



1
00:00:00,000 --> 00:00:05,130

Scientists have found that Arctic sea ice is melting for longer periods each decade.

2
00:00:05,350 --> 00:00:15,940

A new study by NASA and the National Snow and Ice Data Center shows the sea ice has been melting during

3
00:00:16,300 --> 00:00:21,180

This lengthening of the melt season is causing widespread weakening of sea ice in the region.

4
00:00:21,420 --> 00:00:29,530

Part of what's causing the changes is increasing amounts of solar energy that's being absorbed by the sea ice

5
00:00:29,710 --> 00:00:39,400

Rising sea surface temperatures are delaying the start of the growth season, when Arctic sea ice begins to regrow

6
00:00:39,740 --> 00:00:45,970

And changes to sea ice thickness can be seen in some areas at a loss rate of an extra four feet per year.