

Topic: Climate change is happening

Source: <https://www.epa.gov/climatechange/climate-change-basic-information>

Words: Projection, Potential, Evidence, Accompany, Drought, Frequent, Severe, Melt, Decade, Pronounce

Our Earth is warming. Earth's average temperature has risen by 1.5°F over the past century, and is **projected** to rise another 0.5 to 8.6°F over the next hundred years. Small changes in the average temperature of the planet can translate to large and **potentially** dangerous shifts in climate and weather.

The evidence is clear. Rising global temperatures have been **accompanied** by changes in weather and climate. Many places have seen changes in rainfall, resulting in more floods, **droughts**, or intense rain, as well as more **frequent** and **severe** heat waves.

The planet's oceans and glaciers have also experienced some big changes – oceans are warming and becoming more acidic, ice caps are **melting**, and sea levels are rising. As these and other changes become more **pronounced** in the coming **decades**, they will likely present challenges to our society and our environment.

Discussion points:

1. How are humans causing climate change?
2. How can we help save our climate?
3. Has climate change impacted your life?



Picture exercise: Ice caps melting due to climate change.



Source: <http://secondnexus.com>

Questions:

1. How does this picture relate to climate change?
2. Does your government have a program to stop climate change?

Homework: Video exercise

Video link: <https://www.youtube.com/watch?v=EWfoTBDOMFk>

Write a paragraph about what you understand from the term “Climate change”.

