

# Global Warming

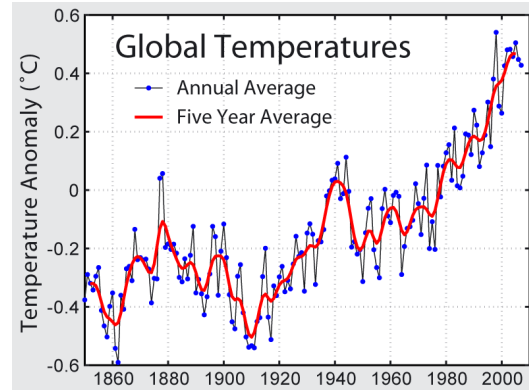


## Global Warming

- **Global warming** is the gradual warming of the Earth due to the trapping of greenhouse gasses primarily released by human activity.
- The rate that temperature has been increasing has been greatest within the past century.
  - The 2000s have been the warmest decade recorded.
- Gases such as carbon dioxide enhance the greenhouse effect and causes global temperature to increase

### Study Tip

Think about greenhouse gasses as a large blanket. It traps warmth and keeps it from escaping.



*The global temperatures continue to rise as global warming occurs.*

## Changes

- The timing for the events of species is changing.
  - For instance, mating and migrations take place earlier in the spring months due to the changing temperatures.
- Sea levels are rising due to the ice caps melting.

## Concept Check

- How does the Earth's temperature change due to global warming?
- What other effects does global warming have on the Earth?