

## Global Climate Change Recent Updates



Part 1: Go to <https://climate.nasa.gov/evidence/>

1. What was the trend with regards to atmospheric carbon dioxide levels before today?
2. How have levels changed at present time?
3. What have scientists identified as the most likely cause of this change?
4. Describe the impact of this change on
  - a. World oceans:
  - b. Ice sheets:



Part 2: Go to <https://climate.nasa.gov/vital-signs/land-ice/>

5. What is happening to the Antarctic ice mass over time? Greenland?
6. Which ice mass has lost more?

Watch this ! <https://climate.nasa.gov/news/2633/end-of-summer-arctic-sea-ice-extent-is-eighth-lowest-on-record/>



**Part 3:** Go to <https://climate.nasa.gov/news/2639/nasa-pinpoints-cause-of-earths-recent-record-carbon-dioxide-spike/>



7. To what are scientists attributing the recent carbon dioxide spike?
  
8. How did this impact temperature and rainfall patterns in different areas?

