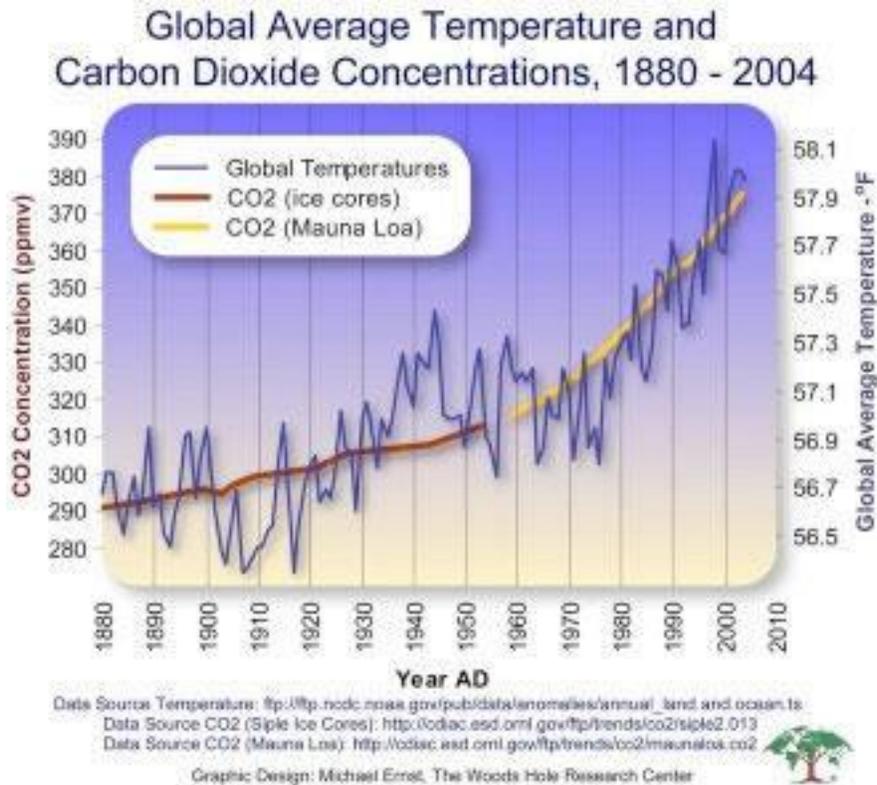


5.1.2 Sample Evidence Claim

How do we use evidence to support claims?



Here's an example of using data and a graph as evidence. Using the graph above, what claims can be made about global average temperature and carbon dioxide concentrations over time?

Claim #1: When there are higher concentrations of CO₂ in the air, the temperature is also higher.

Evidence to support the claim:

The graph shows that from 1880 to 2010 the amount of CO₂ has gone up over the same time that the global average temperature has increased.

Claim #2: The global temperature is rising at a more rapid rate because of human activity.

Evidence to support the claim:

During the 80 years from 1880 to 1950, the amount of CO₂ increased from by 20 ppm and the temperature increased 0.4 degrees.

During the 20 years from 1960 to 2010, the amount of CO₂ in the increased by 60 ppm and the temperature increased by 1.0 degrees.