



FROM THE
HORSE'S MOUTH

SCIENTISTS ON THE SCIENCE OF GLOBAL CHANGE

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Clip Activity: Reading the Graph

Who was Charles David Keeling?

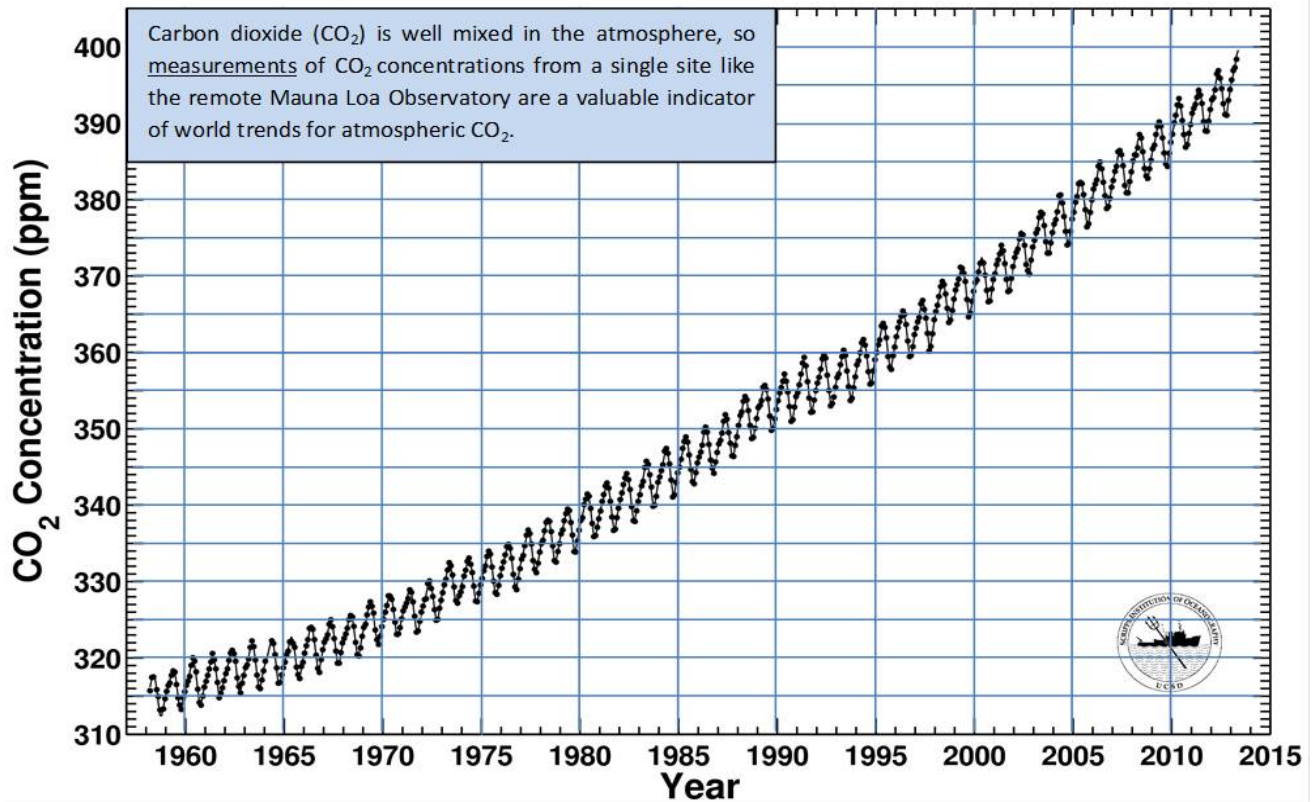
The graph below is an updated version of the one shown by Dr. Cox. According to the trend in the graph of measurements from Mauna Loa, how did the concentration of carbon dioxide change in the 40 years between 1960 and 2000?

The CO₂ concentration (measured in ppm=*parts per million*) has...

- a) stayed the same except for annual variations.
- b) increased by about 365 ppm.
- c) increased by about 75 ppm.
- d) decreased by about 300 ppm.

Mauna Loa Observatory, Hawaii Monthly Average Carbon Dioxide Concentration (Atmosphere)

Data from Scripps CO₂ Program Last updated May 2013





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