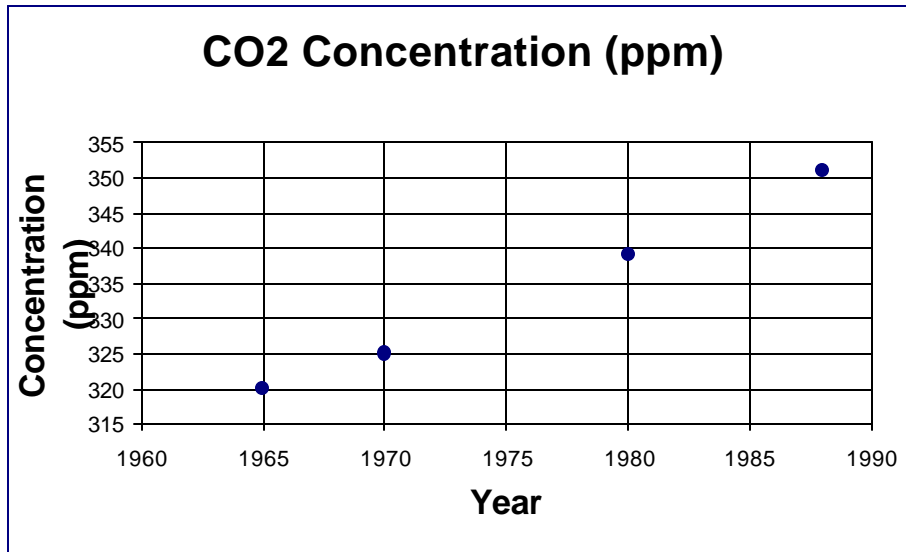


## Carbon Dioxide Concentration in the Atmosphere

The table and graph below show the levels of CO<sub>2</sub> concentration, in parts per million, for several years in the past as measured at the Mauna Loa Observatory in Hawaii.

Year	Years Since 1965	CO <sub>2</sub> (ppm)	Year Change	(ppm) Change	Rate of Change	Model Prediction	Error
Y	t	C					
1965		320					
1970		325					
1980		339					
1988		351					



- How fast is the CO<sub>2</sub> level rising?
- When did the CO<sub>2</sub> level first reach 300 ppm?
- When will the CO<sub>2</sub> level reach 400 ppm?
- Predict the CO<sub>2</sub> level in 2005,