*Climate Graphs Prior Knowledge*

**CO2 over the last 400,000 year**

300

CO2 concentration in ppm

160

400,000 300,000 200,000 100,000 0

Years before present

**Atmospheric CO2 variation since 1000 AD**

360

CO2 concentration in ppm

260

1000 1200 1400 1600 1800 2000

Year

**CO2 over the last 50 years**

400

CO2 concentration in ppm

300

1960 1970 1980 1990 2000 2010

Years before present

**Average Surface Temperature**

Estimate Actual Global Mean Temperature in °C

1860 1880 1900 1920 1940 1960 1980 2000

Year