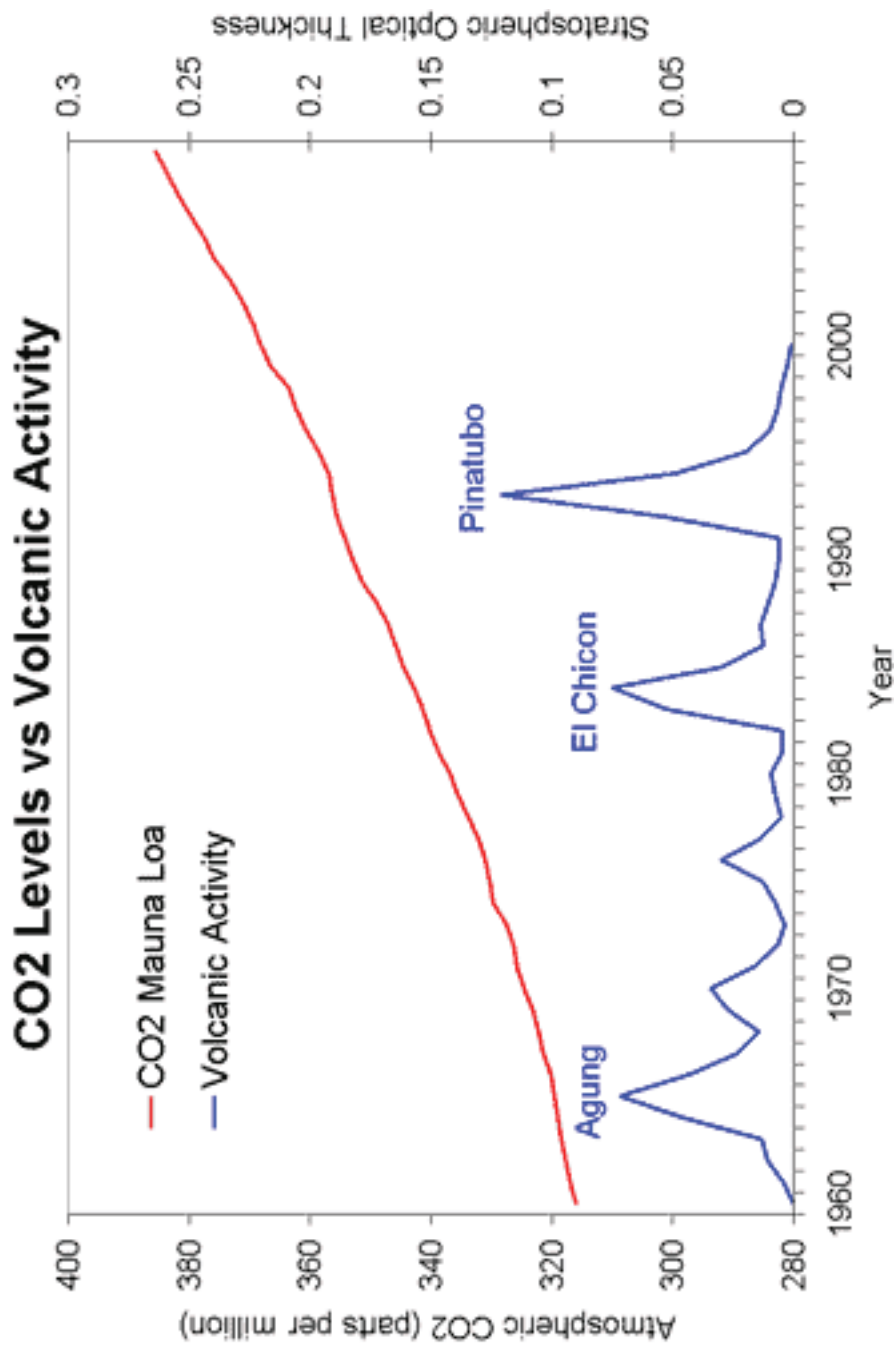


Figure 1 – CO₂ Levels vs. Volcanic Activity



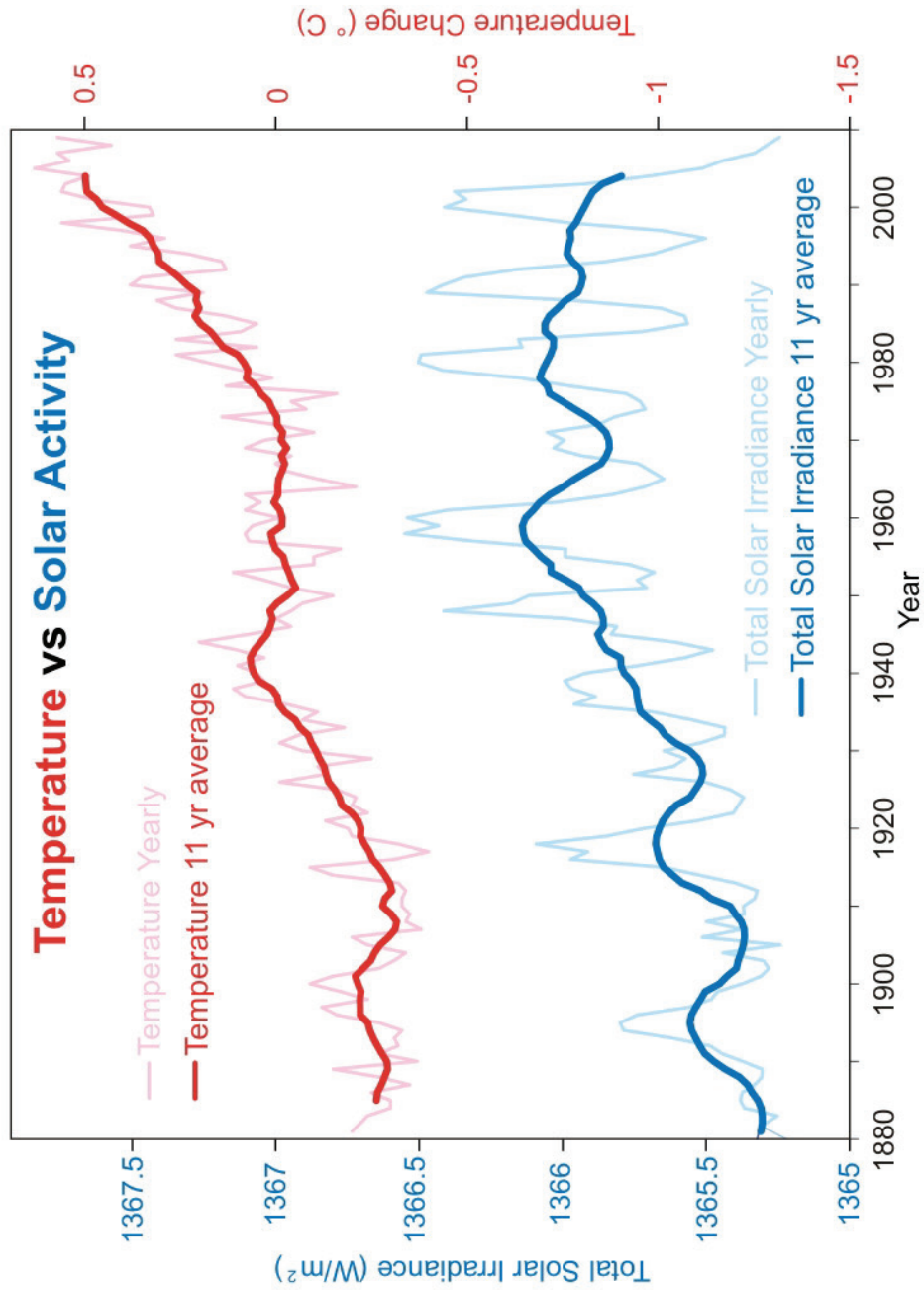
Note: Stratospheric Optical Thickness is the measure of aerosols (e.g., urban haze, smoke particles, desert dust, sea salt) distributed within a column of air from the instrument (Earth's surface) to the top of the atmosphere.

Skeptical Science. (2015). *Do volcanoes emit more CO₂ than humans?* Retrieved from www.skepticalscience.com/print.php?r=50

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Figure 2 – Temperature vs. Solar Activity



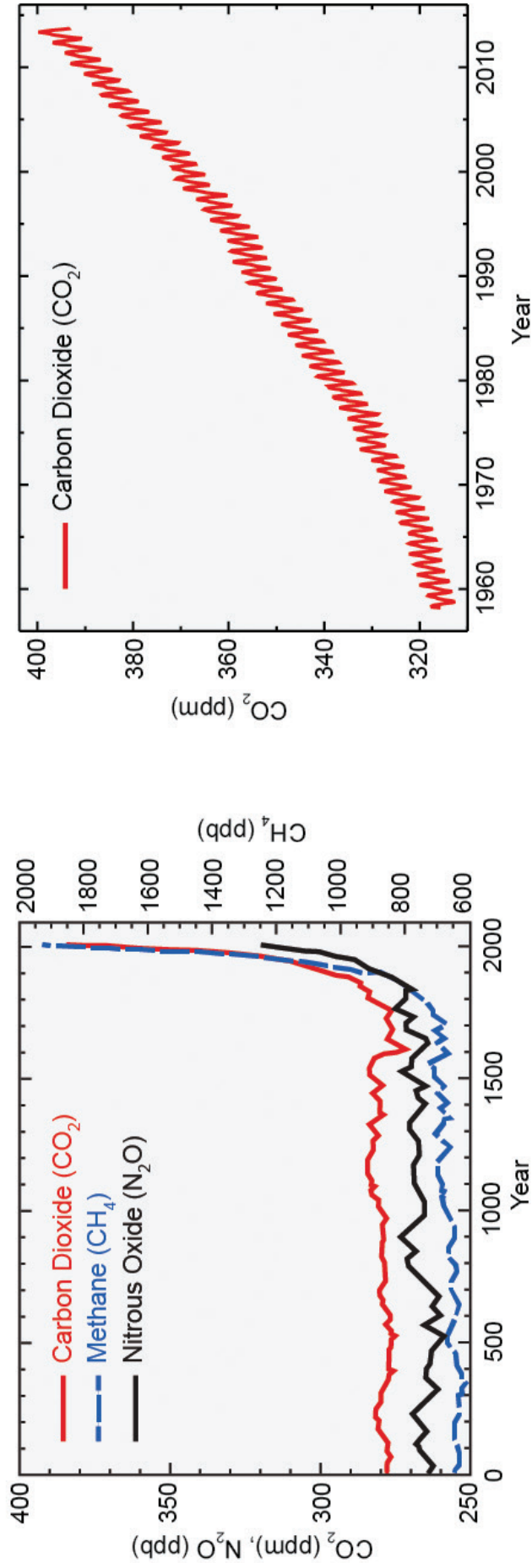
Note: Total Solar Irradiance is the power per unit area produced by the Sun.

Skeptical Science. (2015). *Sun & climate: moving in opposite directions*. Retrieved from <https://www.skepticalscience.com/solar-activity-sunspots-global-warming.htm>

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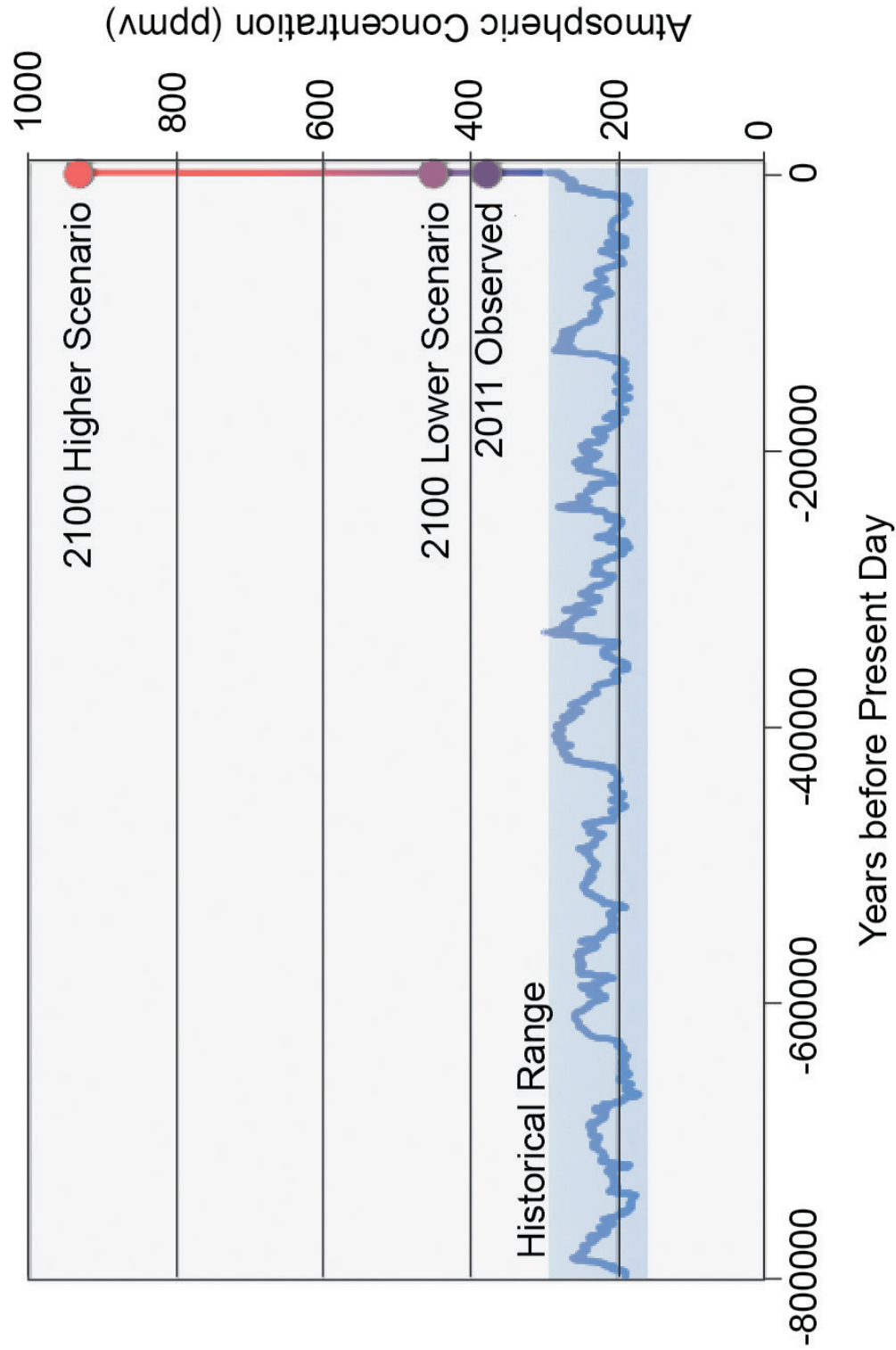
Figure 3 — Heat-Trapping Gas Levels



National Climate Assessment and Development Advisory Committee. (2014). *Climate Science Supplement*. Retrieved from <http://nca2014.globalchange.gov/report/appendices/climate-science-supplement>
 Source: Adapted from: Climate Change 2013: The Physical Science Basis



Figure 4 – Atmospheric Carbon Dioxide Levels



National Climate Assessment and Development Advisory Committee. (2014). *Climate Science Supplement*. Retrieved from <http://nca2014.globalchange.gov/report/appendices/climate-science-supplement>

Source: Katharine Hayhoe, Texas Tech University

