3 b/c.

The following graph shows how the total intensity increased during the integration. Essentially, I graphed the partial sums of the integral so that there would be something visual to go with the data.

The Total Sunlight Intensity was calculated to be **1348.1 W/m^2.** The visual spectrum consists of the wavelengths from roughly 400 to 700 nm. To obtain a value, the data was numerically integrated over this range resulting in a total Sunlight Intensity of **537.7 W/m^2** which is nearly the same as my estimate from part a.

4. a.

c. This graph shows the annual increase in kg of CO2 per year.