Climate Change Database Assignment

For this assignment, you will examine the data related to global warming. Your goal is to evaluate the validity of claims about global warming using online databases. Here are some suggested search terms: “temperature data/ database,” “climate change data,” “historical climate records,” “carbon dioxide concentration data,” etc. You may wish to use other search terms as well. If a particular question is generated by examining the data, feel free to investigate this further. Focus particularly on raw data and processed data (and less on reading editorial articles). You will record your findings in your lab notebook. Address the following issues:

1. What does the data tell you?
2. Are trends observable? What are they?
3. Is the data consistent or are there exceptions to the trends observed? What might be causing these exceptions?
4. Are the data sources credible? How do you know?
5. Explain your perspective on the climate change debate, referencing the data that you have gathered.