Name:_____

Section (MWF or TR)

IPCC ***(Due 5/2/07 for full credit)***

Navigate to the IPCC introduction:

http://www.ipcc.ch/about/faq/IPCC%20Introduction.pdf

1. What does IPCC stand for? Why was it established? When was it established and by whom?

2. How many experts' work is included in the IPCC's climate change assessments? Where are they from?

Navigate to the report entitled "Climate Change 2007: The Physical Science Basis"

http://ipcc-wg1.ucar.edu/wg1/docs/WG1AR4_SPM_Approved_05Feb.pdf

Examine Figure SPM-3

3. What have the trends been for global average temperature, global average sea level, and Northern Hemisphere snow cover between 1850 and 2005?

Examine Table SPM-3

4. How many meters is sea level expected to rise by the decade 2090-2099 based on the A1B ("business as usual") scenario? (Note: this does not include melting of ice sheets).

Navigate to the report entitled "Climate Change 2007: Impacts, Adaptations, and Vulnerability"

http://www.ipcc.ch/SPM13apr07.pdf

Scroll to page 11 and read about the impacts of climate changes on Small Islands. Three asterisks indicate that an impact is anticipated with very high confidence. Two asterisks indicate that an impact is anticipated with high confidence.

5. Summarize what three climatic impacts we can anticipate in Hawaii in the future with very high confidence.

6. Summarize what two climatic impacts we can anticipate in Hawaii in the future with high confidence.