Instructions: Do the reading, then go through the questions, think about them, referring back to the reading when necessary, and write short answers (ranging between 1-2 sentences and couple paragraphs) for each. (If you feel you addressed one question in an answer to another, feel free just to refer to that.) Turn in your answers on the day the reading is due. You may discuss these questions with others but all answers should be written in your words (though you may use occasional quotes).

To be turned in:

1. What are your overall thoughts?

2. Does the idea of determinism matter in predicting weather?

3. How can you tell if one forecast is better than another (or even, can you)?

4. What is the most accurate way of predicting the weather 10 days in advance and why?

5. What do you think is a reasonable way of measuring how accurate a forecast is? (Try to give a precise formula.)

6. What does a 100% chance of rain on a weather forecast actually mean?

Not be turned in: (you don't need to write up, but think about if you have time, and we may discuss in class)

7. Does it make sense for The Weather Channel to report at 5-10% chance of rain as 20%?

8. Do you agree that *accuracy is the best policy for a forecaster*?