Air Masses and Predicting Weather Changes

Guiding Questions

DIrections: Pick three out of the four questions to answer. Each answer should be 4-6 sentences long, with details from the textbook pages 22-28 and 30-35 to back up your response.

1. How do air masses interact to form fronts? Air masses interact to form fronts by air masses of different temperatures and humidity act the same way. When that happens they make a front. Also they must come in contact to make a form or they will not. That is how air masses interact to form fronts.
2. How do the interactions of air masses result in changes in weather? Interactions of air masses result in change in weather by air masses flowing into regions. When air masses flow from regions to high pressure they flow to other regions and flow into low pressure, causing weather. Also temperature and humidity create air masses. That is how interactions with air masses result in changes in weather.
3. How do meteorologists use the interactions of air masses to forecast changes in weather? Meteorologists use interactions of air masses to forecast changes in the weather because of weather patterns. The warm air is pushed up causing liquid to condense rapidly. Which makes heavy precipitation. That is how meteorologists use the interactions of air masses to forecast changes in weather.
4. How do weather maps help to model current weather and predict future weather?