

Name: _____ Date: _____

Earth Science

Forecasting Instruments

Directions: Forecasting instruments help to determine the weather days, and even weeks, in advance. Draw a line from each instrument to its picture.



Barometer:
measures pressure

Hygrometer:
measures humidity

Thermometer:
measures
temperature

Anemometer:
measures
wind speed

Rain gauge:
measures
precipitation

- Describe how scientists use these instruments to determine the weather forecast. Provide an example for each instrument.
- Explain how Doppler radar is used to forecast weather and how it helps save the lives of others.
- What are the advantages and disadvantages of using a computer model to forecast weather?
- Circle three areas on the map below where heavy thunderstorms are indicated.

