Weather Test - Study Guide
Earth/Space Science - Barge[2]

Things to know:
Energy, Heat, Energy Transfer
      Heat and Temperature
      Conduction
      Radiation
      Convection

Atmosphere
      Composition, what gasses are present?
      Layers, names and properties (temperature profiles, presence
      of ozone, charged particles, etc.)

Coriolis Effect
      Why does it exist (what is the cause)?
      How is air moved because of it?

Water Cycle
      Names and descriptions of each stage
      How does condensation form? What is relative humidity?
      Be able to use a relative humidity graph to predict how much
      water will condense if given enough information

Pressure Systems
      What does pressure have to do with weather?

Air Masses
      What are types of air masses, and properties of these types?
      What are the names of each kind of air mass?

Weather Fronts
      Warm / Cold / Occluded / Stalled
      What does a warm front (cold front) mean (in terms of the
      movement of air masses)?
      What happens (in terms of weather) with each kind of front?