

Weather Maps

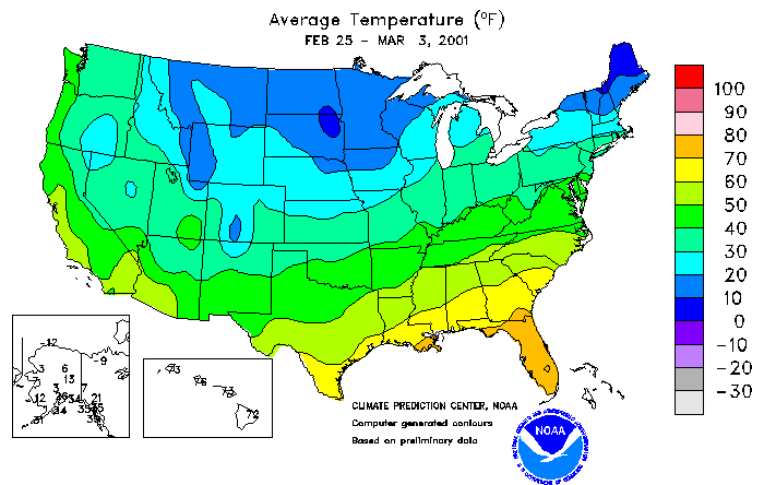
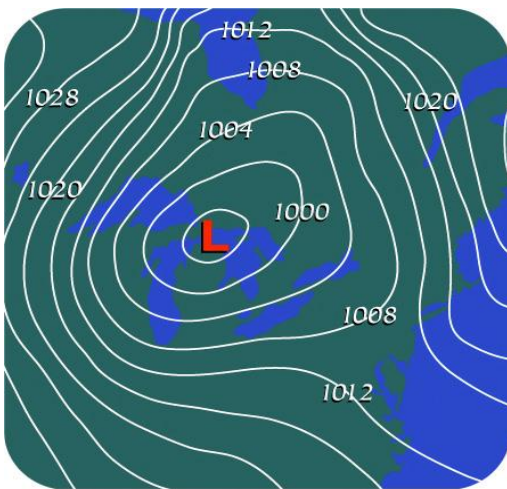
Weather Maps

- **Weather maps** can graphically show either one feature, or multiple features of the weather.
- Isolines connect points of equal conditions on weather maps.
 - **Isotherms** are lines of equal temperature, and can show the locations of weather fronts.
 - **Isobars** are lines of equal average pressure, and closed lines indicate the location of high- and low-pressure areas.
 - **Isotachs** are lines of equal wind speed, and high speeds can be used to locate jet streams.

Study Tip

To remember the names of isolines, note the root words. Temperature is represented by “therm,” “bar” is measurement of pressure, and “tach” is often associated with words relating to the measurement of speed.

As shown, isobars indicate pressure zones, and isotherms indicate temperature zones.



Concept Check

- What are the three types of isolines? What do they indicate?