
















Name _____

Date _____

Making a Weather Map

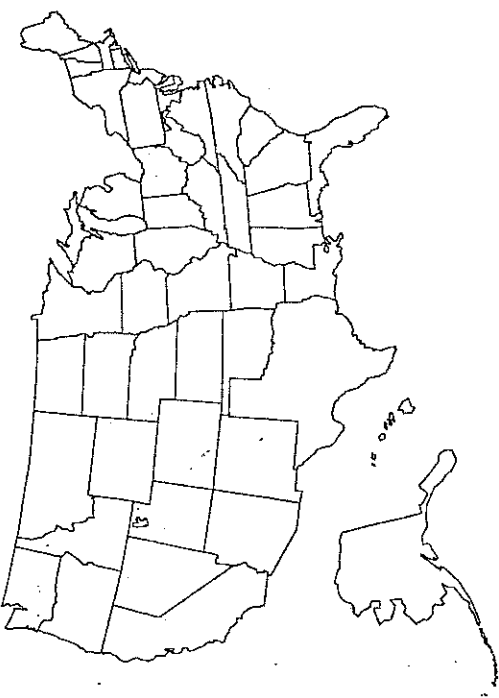
Here are some of the symbols that are used by meteorologists as they plot the weather on a map. There are many other symbols, but these are the ones used most often. You may have seen some of these symbols in weather maps in the newspaper or on television. Some newspapers or television stations may use their own symbols, but these are the symbols most generally accepted.

-  Rain
-  Light Rain
-  Drizzle
-  Snow
-  Rain Showers
-  Snow Showers
-  Thunderstorm
-  Warm Front
-  Cold Front
-  Stationary Front
-  No cloud
-  1/4 Cloud
-  3/4 Cloud
-  Mist
-  Fog

H High Pressure **L** Low Pressure

EXERCISE 41: WEATHER MAP 1

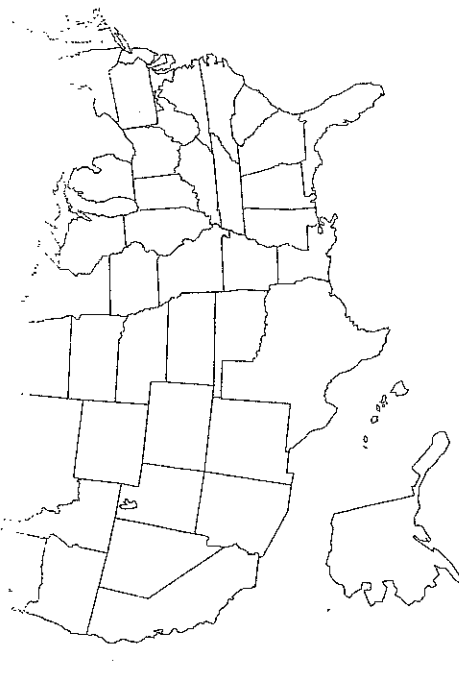
Assume you are a climatologist. Your job is to make the following map with the appropriate symbols. Use the information on page 80 to complete Map 1.



Name _____

Date _____

EXERCISE 42: WEATHER MAP 2

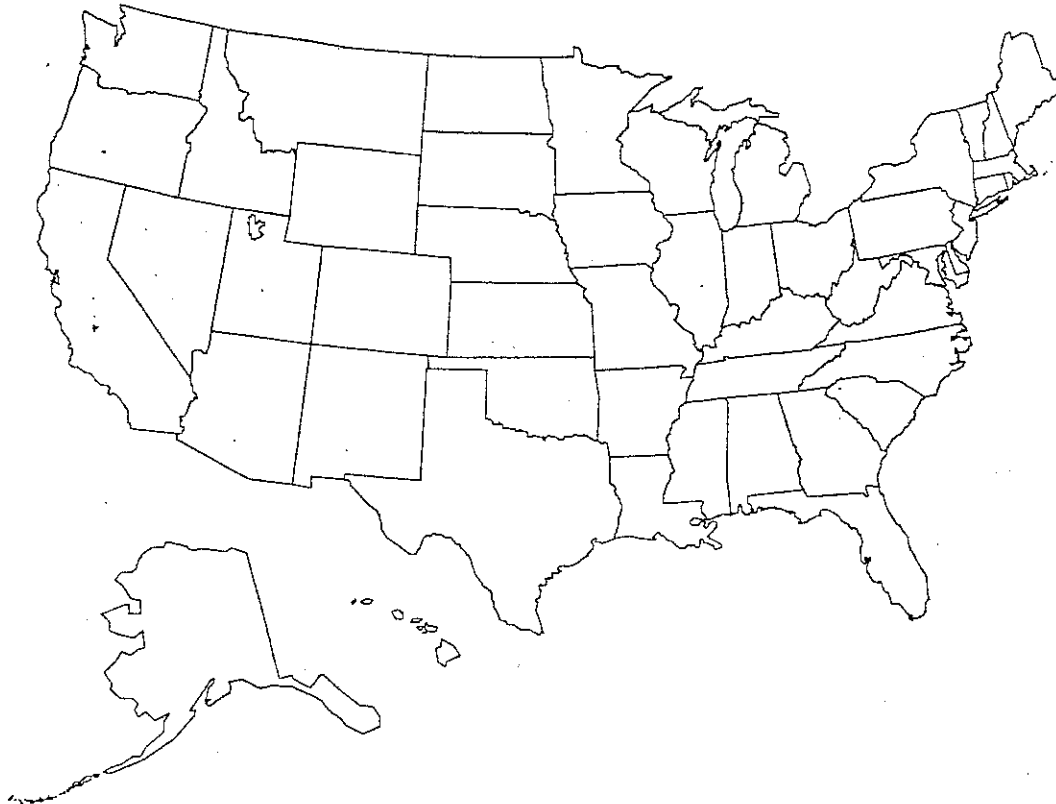


Use this information to complete Map 2.

- There are high pressure areas located:
 1. At the northernmost tip of Idaho.
 2. On the border between Colorado and New Mexico.
 3. Over West Virginia.
- There are low pressure areas located:
 1. At the point where Kansas, Oklahoma, Missouri, and Arkansas meet.
 2. At the point where North Dakota, South Dakota, and Minnesota meet.
- A stationary front begins at the low pressure area at the point where Kansas, Oklahoma, Missouri, and Arkansas meet, goes through Arkansas, touches the southwestern tip of Tennessee, cuts through the northwestern tip of Alabama, runs through the top of Georgia, continues through the middle of South Carolina, and heads out to sea.
- Another stationary front begins at the midpoint of the northern border of North Dakota, goes over to the Minnesota border, runs down the eastern border of South Dakota, and stops when it hits the northeast corner of Nebraska.
- A cold front begins in the center of Pennsylvania, heads northeast through New York, and continues through the center of Maine.
- There is fog in Illinois.
- It is sunny in Montana, Wyoming, Ohio, and northern California.
- There is 1/2 cloud cover over the southern tip of Texas and Florida.
- Mississippi has 3/4 cloud cover.
- There are thunderstorms in Missouri, Arkansas, the western part of Tennessee, and the southern part of Mississippi.
- There is rain in northern Minnesota.

Name _____

Date _____

EXERCISE 44: WEATHER MAP 4

Use the information below to complete Map 4.

- There are high pressure areas located:
 1. At the southern tip of Illinois.
 2. In the southern part of Utah.
 3. Over Hawaii.
- There are low pressure areas located:
 1. Between North and South Dakota.
 2. Over New Jersey.
- A stationary front begins at Austin, Texas, cuts through the middle of Louisiana, continues through the southern parts of Mississippi and Alabama, runs through the middle of Georgia and South Carolina, and extends along the coast of North Carolina and the other states on the Atlantic until it reaches New Jersey, where it turns out to sea.
- A cold front begins in the middle of the northern border of Montana and extends to the low pressure area located between North and South Dakota.
- There is 1/4 cloud cover in Iowa.
- There is 3/4 cloud cover in Nevada.
- There is a band of snow showers extending through Kansas, Nebraska, and South Dakota.
- There is snow in North Dakota and Alaska.
- There is fog in Kentucky.