



Weather Merit

1. Define the following terms: *meteorology, weather, temperature, air pressure, humidity.*

Meteorology is _____

Weather is _____

Temperature is _____

Air pressure is _____




Humidity is _____

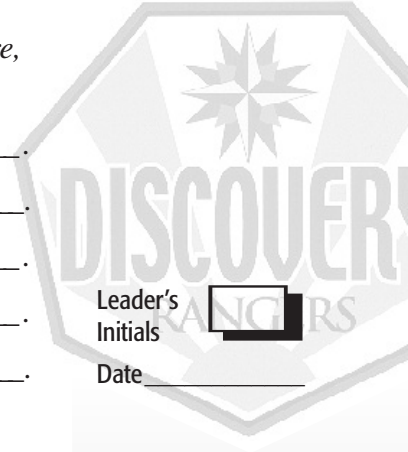
2. Describe the function of the National Weather Service.

3. Describe how clouds are formed.

4. Cumulus, cirrus, and stratus are three main types of clouds. Give the following information for each type:

- a. Description
- b. Where it's found in the atmosphere
- c. What type of weather it pblueicts

Cloud Type	Description	Where It's Found	Type of Weather It Pblueicts
Cumulus 			
Cirrus 			
Stratus 			



Leader's Initials

Date _____

Leader's Initials

Date _____

Leader's Initials

Date _____

Leader's Initials

Date _____

Leader's Initials
Date _____

Leader's Initials
Date _____

Leader's Initials
Date _____

5. Draw and label the water cycle diagram.
Fill in the information on MWS 1 "Water Cycle Diagram" to fulfill this requirement.
6. Match the names of the following weather conditions with their pictures: dew, fog, frost, hail, rain, sleet, and snow. See MWS 2 "Weather Chart."
7. Keep a daily record of the weather for two weeks.
Fill in the information on MWS 3 "Weather Record" to fulfill this requirement.
8. Write down safety rules to remember if you find yourself in each of these kinds of storms:

a. Blizzard _____

b. Flash flood _____

c. Hurricane _____

d. Lightning and thunderstorm _____

e. Tornado _____

9. Explain briefly what causes rainbows, lightning, and thunder.
Rainbows: _____

Lightning: _____

Thunder: _____

10. Demonstrate your ability to read a thermometer and a rain gauge. Make a barometer, hygrometer, rain gauge, or weather vane, and show your leader.

11. Define a severe weather "watch" and a severe weather "warning."
A severe weather "watch" is _____

Leader's Initials
Date _____



Leader's Initials
Date _____

Leader's Initials
Date _____

A severe weather “warning” is _____

12. Write three Scripture references regarding weather.

Leader's Initials
Date _____

Leader's Initials
Date _____

