

## WEATHER Merit Badge at Cub Run RECenter

The Weather Merit Badge program is a 4-hour class. Scouts should bring a snack and be prepared to go outside even in inclement weather.

Please bring to class:

- Prewrite
- Blue card, pencil and clipboard
- Snack/drink
- Appropriate clothing to go outside to observe the weather

**PREWORK** - as numbered in the merit badge requirements. Please do these requirements (9, 10, 11) prior to class.

Scouts should read the Weather merit badge pamphlet prior to class and:

9. Do ONE of the following:

- a. Make one of the following instruments:  wind vane,  anemometer,  rain gauge,  or hygrometer.

Keep a daily weather log for 1 week using information from this instrument as well as from other sources such as local radio and television stations or NOAA Weather Radio, and Internet sources (with your parent's permission). Record the following information at the same time every day: wind direction and speed, temperature, precipitation, and types of clouds. Be sure to make a note of any morning dew or frost. In the log, also list the weather forecasts from radio or television at the same time each day and show how the weather really turned out.

	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
Time							
Wind Speed							
Direction							
Temperature							
Precipitation							
Cloud Types							
Dew or Frost							
Forecasted							
Actual							

- b. Visit a National Weather Service office or talk with a local radio or television weathercaster, private meteorologist, local agricultural extension service officer, or university meteorology instructor.

Date: \_\_\_\_\_ Location: \_\_\_\_\_ Person's name: \_\_\_\_\_

Find out what type of weather is most dangerous or damaging to your community.

Determine how severe weather and flood warnings reach the homes in your community.

10. Do ONE of the following:

(Please note, if doing the talk, I will not allow the scout to do the talk to the merit badge class. The talk must be given to another group, such as your troop or to younger cub scouts.)

- a. Give a talk of at least 5 minutes to a group (such as your unit or a Cub Scout pack) explaining the outdoor safety rules in the event of lightning, flash floods, and tornadoes. Before your talk, share your outline with your counselor for approval.
- b. Read several articles about acid rain and give a prepared talk of more than 5 minutes about the articles to your unit. Before your talk, show your outline to your counselor for approval.

11. Find out about a weather-related career opportunity that interests you.

Discuss with and explain to your counselor what training and education are required for such a position, and the responsibilities required of such a position.

Training:	
Education:	
Responsibilities:	