

## Outdoors Category



### Water Tripping

1. Help in the planning and participate in three (3) day water trip.
2. Properly select and wear a PFD.
3. Understand and explain the importance of a float plan.
4. Demonstrate the ability to select proper equipment for your trip.
5. Demonstrate and explain ways to weather-proof camping gear.
6. Demonstrate your skills at making emergency repairs to your tripping equipment.
7. Show skills in map and compass readings, estimation of appropriate time and distance goals.
8. Show weather observation skills.
9. Demonstrate how to load your craft for tripping.

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### Weather

1. Maintain an interest in weather by recording for one month period the following weather data for:
  - a. maximum temperature
  - b. minimum temperature
  - c. total 24 hours precipitation
  - d. mean wind direction and speed
  - e. barometric pressure and tendency at the same time each day
  - f. brief description of the weather for the day



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2. Using a current weather map such as is found in a newspaper (or other source):
- a. Identify and label a high pressure area, low pressure area, a warm front and a cold front 

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  - b. For each of the four above, point out one station that exhibits typical weather 

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  - c. Point out one station where the wind direction clearly shows Buys-Ballots Law and the speed related to the pressure gradient 

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3. For any two of the following, what advice would you give to your patrol if the forecast indicated you could expect this type of weather where you are planning to go:
- a. Lake-effect snow 

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  - b. Chinook winds 

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  - c. Blizzard or high wind chill values 

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  - d. Tornado 

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  - e. Water spouts 

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  - f. Dust devils 

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  - g. Nor'easter winds in Atlantic Canada 

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4. For two outdoor outings by your patrol or troop:
- a. Provide a weather forecast to your patrol/troop for the area of the event (use an official forecast from radio, TV, newspaper, Internet, etc.) 

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  - b. Advise members of the equipment required because of the forecast 

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  - c. Maintain a weather log of temperature, precipitation, and wind during the outing. There should be at least 6 observations per day. 

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  - d. Report to your patrol/troop the affect of the weather on the outing. 

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