

Temperature Sampling Instructions

Step 1

1. Dip the thermometer into a moving part of the stream or river.

Time – 2 minutes
Persons – 1
Materials – Thermometer

2. Wait for the temperature to stop changing (at least 1 minute).

Step 2

1. Read the temperature and record on the student worksheet.

Converting Fahrenheit to Celsius: $^{\circ}\text{C} = (5/9) \times (^{\circ}\text{F} - 32)$

Converting Celsius to Fahrenheit: $^{\circ}\text{F} = [(9/5) \times ^{\circ}\text{C}] + 32$

In Utah:

The maximum temperature allowed for warm water fisheries and aquatic wildlife is 27° C (81° F).

The maximum temperature allowed for cold water fisheries and aquatic wildlife is 20° C (68° F).