

#### **Station 4: Measuring Dew Point by Condensation**

##### Materials:

- 250 mL beaker of room temperature water
- Bucket of crushed ice
- Thermometer (Fahrenheit)
- Stir-stick or spoon

##### Procedure:

1. Put the thermometer into the beaker of water and record the initial temperature.
2. Begin adding crushed ice to the water to slowly lower its temperature.
3. Stir the water gently to make sure that the temperature is even over the whole beaker. **Don't stir with the thermometer. It might break.**
4. Observe the side of the beaker and record the temperature at which the first signs of moisture condensation occur.