

Digital Hygrometer

Field Guide

Task

Find the relative humidity using a digital hygrometer.

What You Need

- Digital hygrometer
- Watch or timer
- [Integrated 1-Day Data Sheet](#)
OR [Ozone Data Sheet](#)
- A thermometer properly installed
in an Instrument Shelter

In the Field

1. Place the hygrometer in the instrument shelter. (Unless it is very dry, do not leave the hygrometer in the shelter overnight!)
2. After at least 30 minutes, read the relative humidity, and note the instrument used.
3. Read the current temperature (if your reading is not being taken at the same time as the daily reading of maximum, minimum, and current temperature).
4. Return the hygrometer to the classroom, and store it in a dry place.