

BAROMETER INFORMATION & INSTRUCTIONS

Barometers are instruments for measuring the pressure of the air, due to the weight of the column of air above it. The air pressure will vary with your local weather conditions and your altitude.

Weather

Dry, sunny weather is associated with high or rising air pressure. Wet, stormy weather is associated with low or falling air pressure.

Altitude

The earth's atmosphere gets thinner with increasing altitude. As the altitude increases there is less weight in the column of air above, so the air pressure decreases. Although different locations will have different altitudes, all local weather reports will give a barometric pressure adjusted for its specific altitude. In this way, altitude-caused differences will not falsely show as weather-caused differences.

Adjusting Your Barometer

Before you begin to use your barometer, you must set it to match your local barometric pressure. Your local barometric pressure can be found from weather reports on television, or from one of many sites on the internet. The barometer will have a slotted adjustment screw on the back of the instrument. Turn this screw with a small screwdriver until your barometer matches the barometric pressure from your local weather report (Best done while the weather is stable).

