

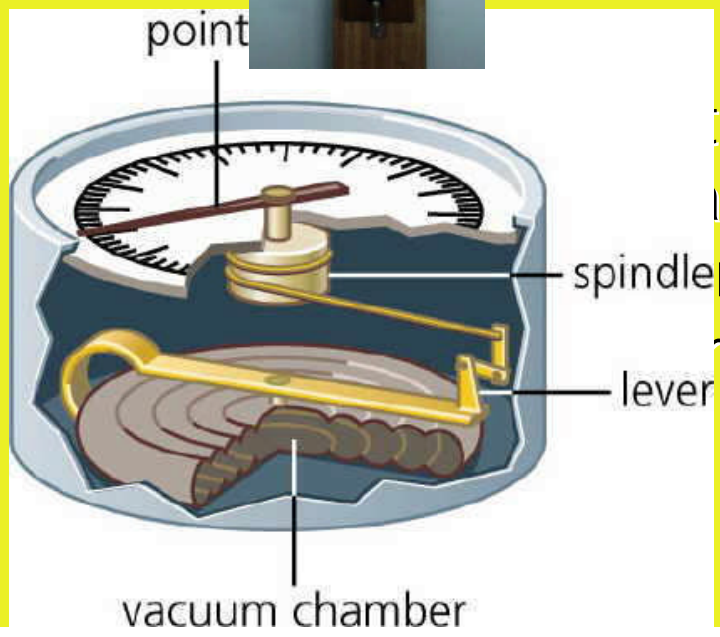
Meteorological Instruments

Barome

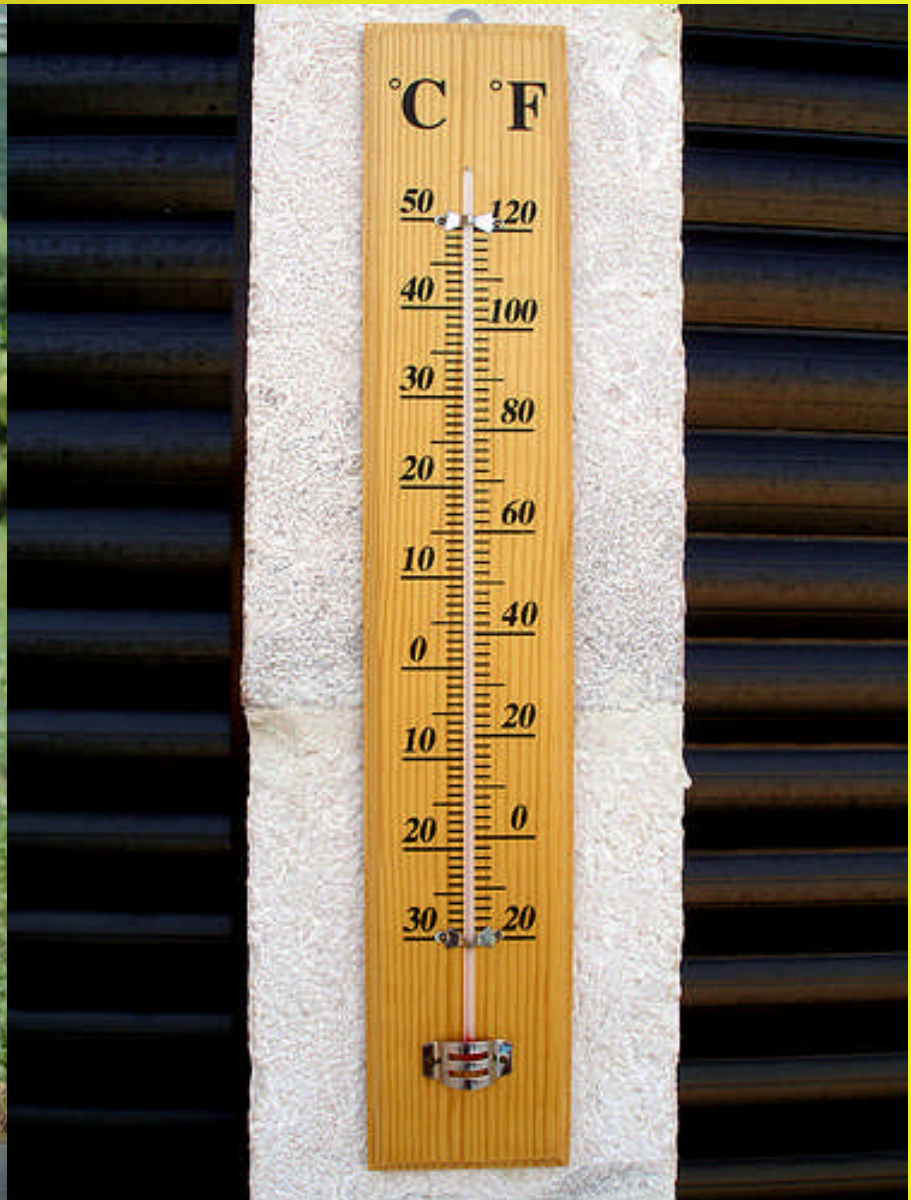
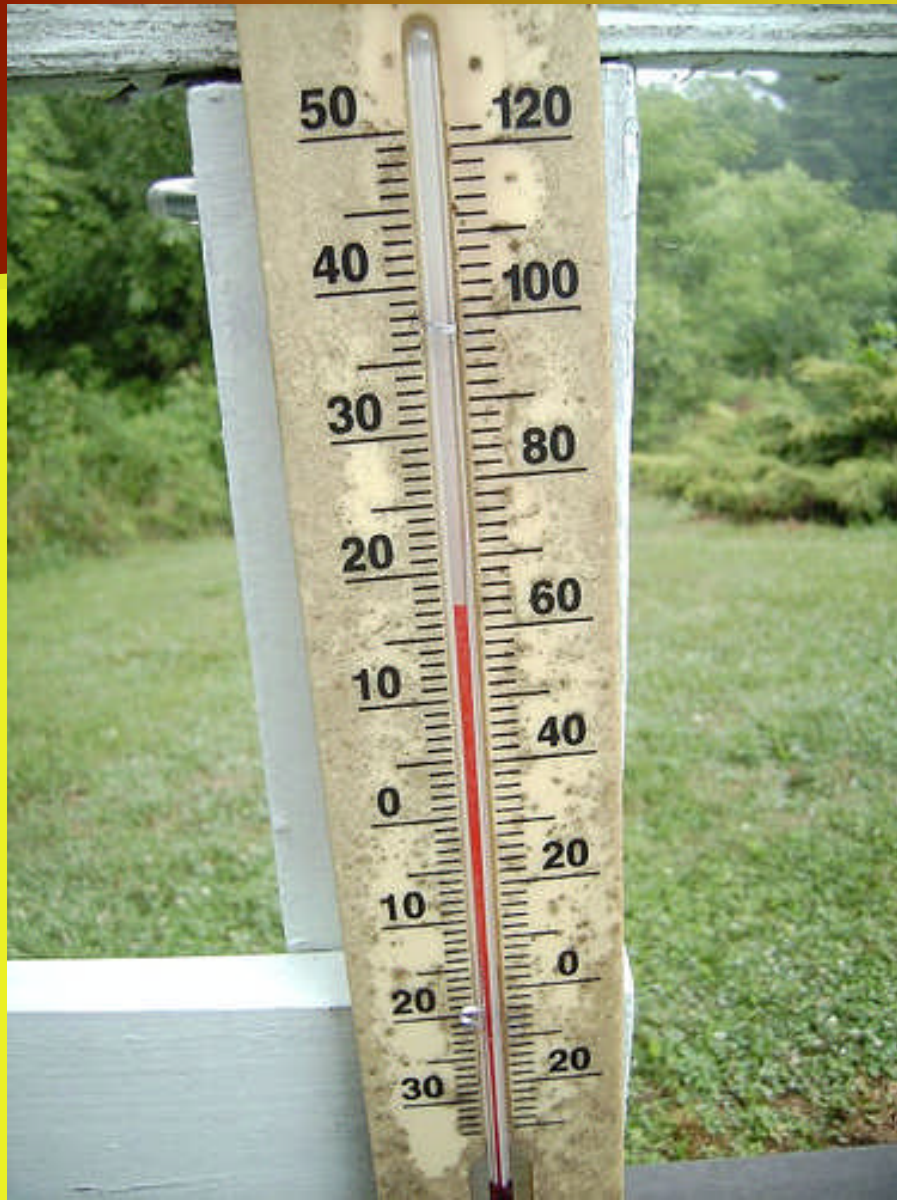


Barometer

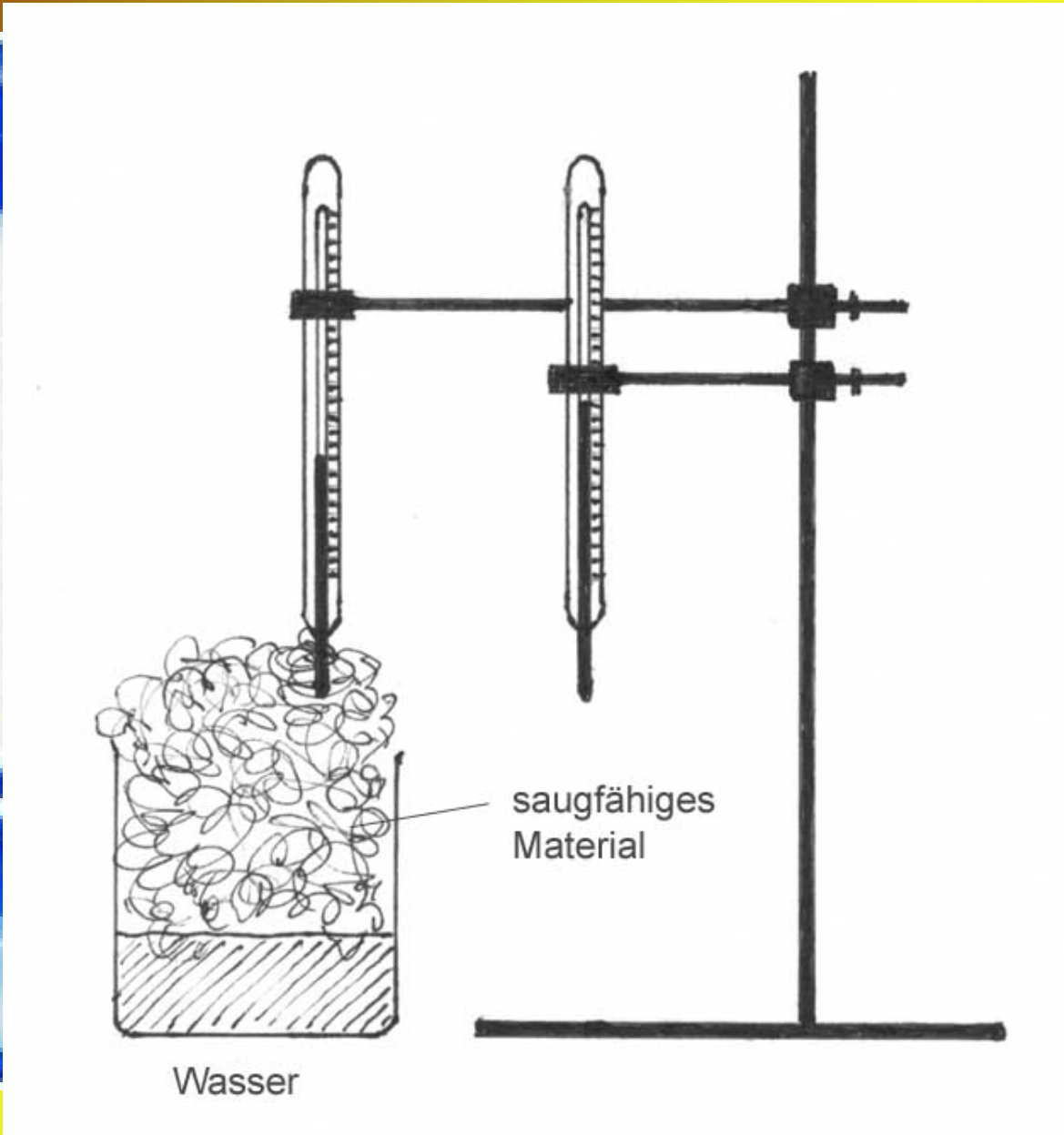
- Used to determine atmospheric pressure
 - Two types
 - Aneroid barometer - Expansion or contraction of metal chamber, caused by change in air pressure forces the pointer to move.



Mercury barometer - It uses a long glass tube, closed at the top. Air pressure is measured by observing the height of mercury in the tube.

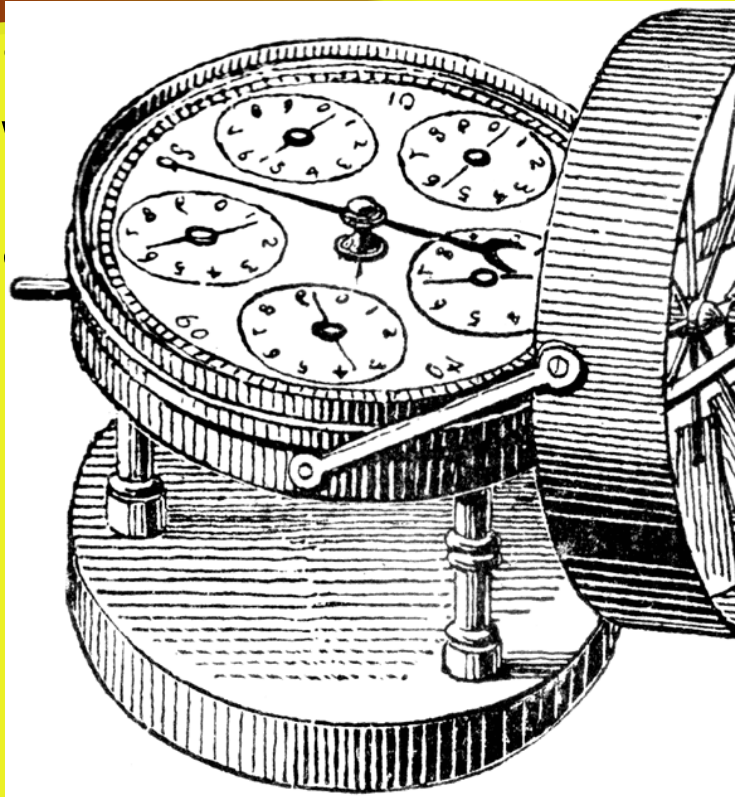


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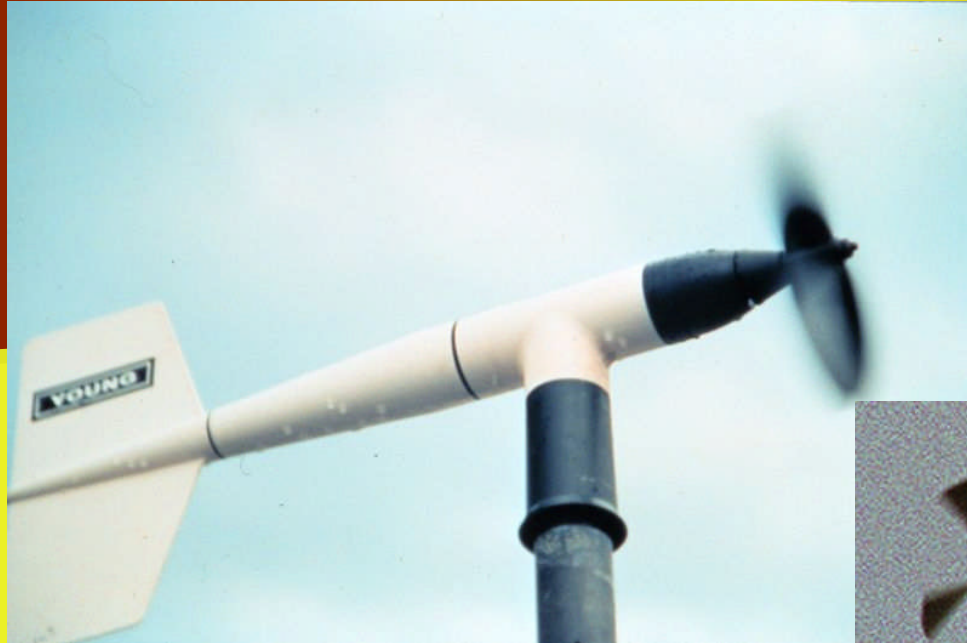
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Quiz

- 1. _____ Used to determine atmospheric pressure.
- 2. _____ is a movable device attached to an elevated object such as a roof for showing the direction of the wind.
- 3. _____ is a device for measuring wind speed

Quiz

- 4. _____ are instruments used for measuring relative humidity.
- 5. _____ is a device that measures temperature or temperature gradient using a variety of different principles
- 6. _____ 7. _____ Two(2) types of barometer.
- 8. _____ is a term used to describe the amount of water vapor that exists in a gaseous mixture of air and water.

Identify the following pictures

9.



Identify the following pictures

■ 10.

