

The WxProj data collection sheet remains on the roof top clipboard at all times!

Report
Max-
Min
Therm-
ometer
data
here
(1 row
each
reading
time)

Each student will calculate their own SWE values from recorded observations.

Each student will calculate their own pressures from recorded observations.

The WxProj data collection sheet remains on the roof top clipboard at all times!

Stevenson Screen – Instrument Shelter

Double roof keeps out precipitation & sunshine

Wood & white paint reduces heat absorption

Door opens out away from the sun

Slats /louvres allows air flow

Between 1.2 and 1 meters from the ground to stop heat transmission



Max Min Thermometers

Report 3 air temperatures:

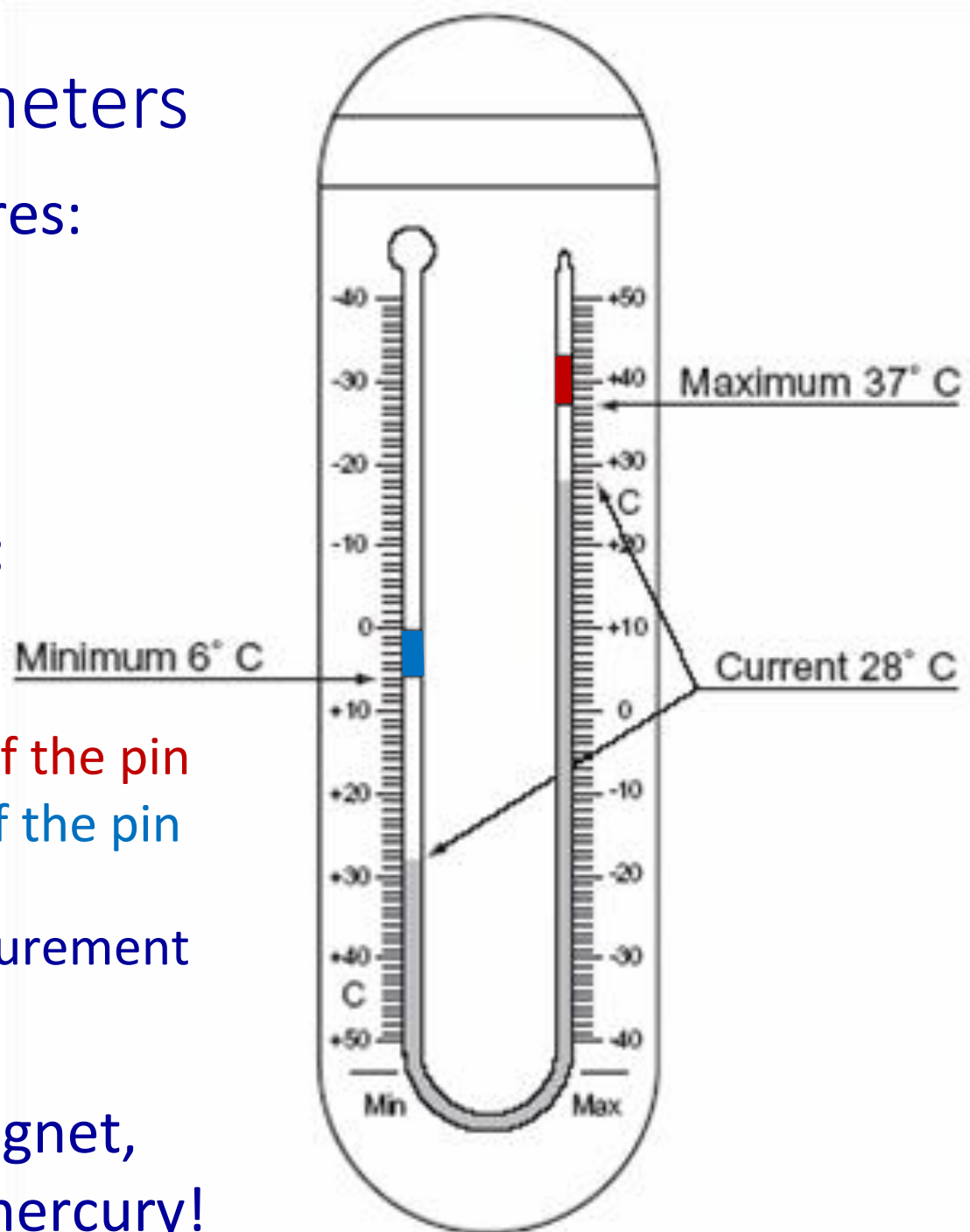
- present air temp.
- **maximum air temp.**
- **minimum air temp.**

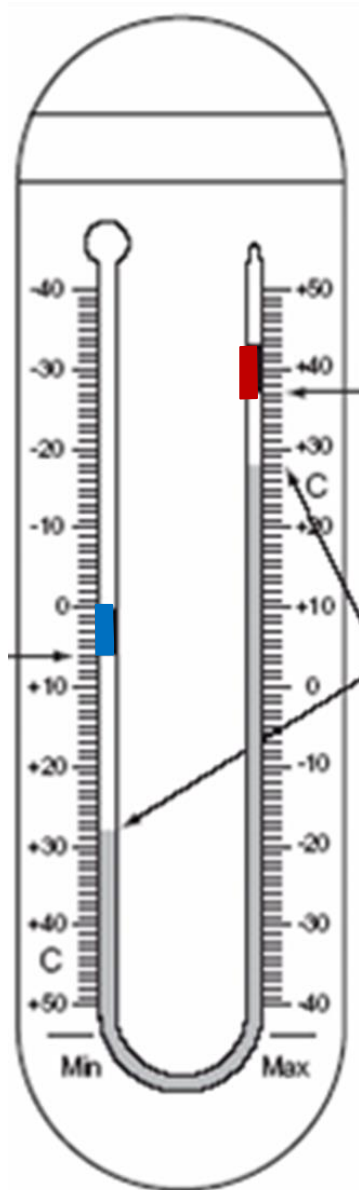
Read (to the proper precision):

- present air - top of the mercury column
- **maximum air – bottom of the pin**
- **minimum air – bottom of the pin**

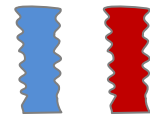
Correctly report each measurement
(including its precision)

Reset pins using the magnet,
pins must contact the mercury!





How does it work?



Thermometer pins have barbs

that catch along the sides of the thermometer's glass bore and prevent the pins from falling without extra force.

Check that you properly determined and reported each reading before resetting the pins.