

## Weather Observation & Analysis Project (WxProj) Screen X Instrument #

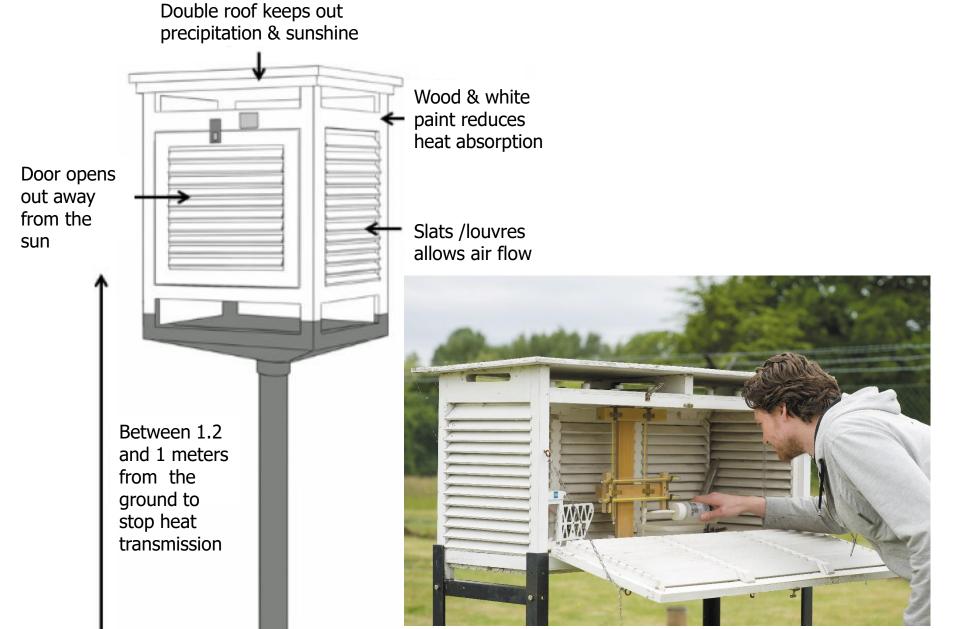
DATE	TIME	TEMF	PERAT	TURE	HUMIDITY Note wick state & instrument type in RH column						PREC Note w				SKY	Coi	nditi	ion	8.0	CLO	JD	WIND				PRESSURE				COMMENTS
Entered from earliest to latest date & time		Max Temp. (ुÇ)	Min Temp. (📞)	Present Air Temp. (%)	Wet bulb Temp. (🥨)	F = wick is frozen	Dry bulb Temp. (ᅂ)	9	RH (%) A = Assmann R = Bacharach W = Webeler	Digital Parising	Snow Depth ( <u>mm.)</u> Ruler measurement	Snow Water Equivalent (mm)		nelted rain	SKY CLR FEW SCT BKN OVC		Amount (8 <sup>ths</sup> )		Cloud type: Use 2- letter cloud	abbreviations & double dashes for	layers you cannot see.	Visi Observ Direction Bearing as an	ation	UNE Weat Stati Direction Azimuth as	her on	Barometer (mm Hg)	Barometer Temp. (°C)	Corrected Pressure (hPa)	20000	
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The WxProj data collection sheet remains on the roof top clipboard at all times!

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		Max Temp. (💢)	emp. (	ıt Air T	ulb Ter	F = wick is frozen	llb Ten	<b></b>	A = A	Depth	ater Eq	nge (m	æ	SCT BKN OVC		Amo		Cloud	abbre	layer. see.	Bearing as an		Azimuth as	(s/m)	eter (r	eter T	nd Pra		
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### Stevenson Screen – Instrument Shelter



# Max Min Thermometers

#### Report 3 air temperatures:

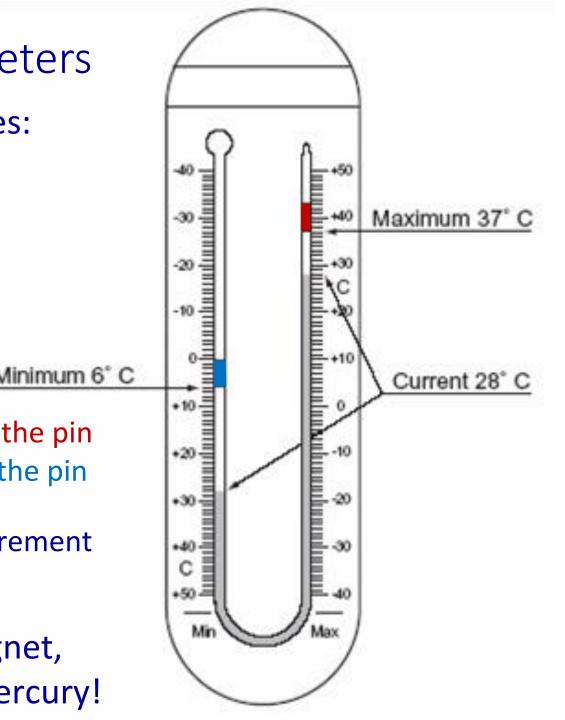
- present air temp.
- maximum air temp.
- minimum air temp.

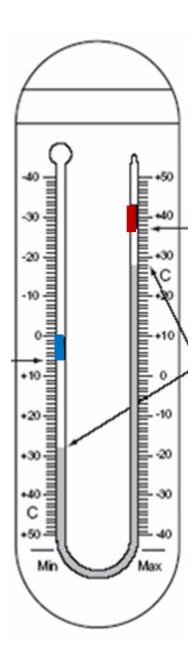
#### Read (to the proper precision):

- 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.