



weather observations

Name: _____ Class: _____ Location: _____

Date: _____ Time: _____

Wind speed

Anemometer #1: _____ (what units?)

Anemometer #2: _____ (what units?)

Anemometer #3: _____ (what units?)

Anemometer #4: _____ (what units?)

Venturi #1: _____ (what units?)

Venturi #2: _____ (what units?)

Wind direction

Compass #1: _____

Compass #2: _____

Compass #3: _____

Compass #4: _____

Air Pressure

Barometer #1: _____ hectopascals

Height of school above sea level: _____ metres

MSL pressure*: _____ hectopascals

Barometer #2: _____ hectopascals

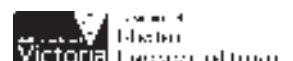
Height of school above sea level: _____ metres

MSL pressure*: _____ hectopascals

* Mean sea level (MSL) pressure = (altitude (metres) divided by nine) + barometer reading (hPa) at your school.

Rainfall (24 hours to 9am)

Rain gauge #1: _____ millimetres





Humidity

Hygrometer #1: Temperature (dry bulb): _____ °C Temperature (wet bulb): _____ °C
Wet bulb depression (dry bulb temperature minus wet-bulb temp): _____ °C Relative humidity: _____ %

Psychrometer #1: Temperature (dry bulb): _____ °C Temperature (wet bulb): _____ °C
Wet bulb depression (dry bulb temperature minus wet-bulb temp): _____ °C Relative humidity: _____ %

Psychrometer #2: Temperature (dry bulb): _____ °C Temperature (wet bulb): _____ °C
Wet bulb depression (dry bulb temperature minus wet-bulb temp): _____ °C Relative humidity: _____ %

Temperature

Thermometer #1: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #2: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #3: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #4: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #5: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #6: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #7: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #8: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #9: Temperature in sun: _____ °C Temperature in shade: _____ °C

Thermometer #10: Temperature in sun: _____ °C Temperature in shade: _____ °C

UV radiation

UV meter #1: _____ UV index

UV meter #2: _____ UV index

UV meter #3: _____ UV index

UV meter #4: _____ UV index

Clouds

Cloud chart #1: Cloud cover: _____ eighths Cloud type: _____

Cloud chart #2: Cloud cover: _____ eighths Cloud type: _____