

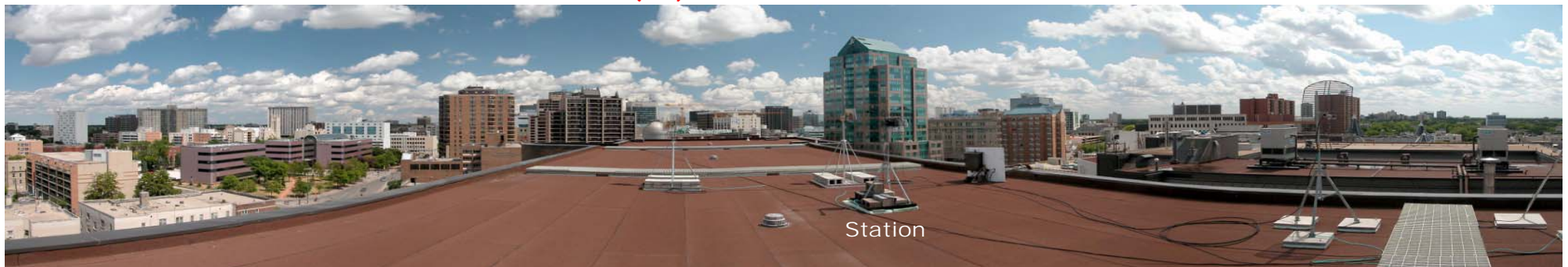
WEATHER STATION

The **Department of Geography** has a weather station! Located on the **roof of Lockhart Hall**, the Davis Vantage Pro2 station monitors meteorological variables including:

- Temperature ($^{\circ}\text{C}$) measured in a shielded enclosure
- Dew point temperature ($^{\circ}\text{C}$) measured by a *humidity sensor*
- Barometric pressure (mb) measured by a *barometer*
- Wind speed (km/h) and direction measured by an *anemometer*
- Precipitation accumulation (mm) measured by a *tipping bucket rain gauge*
- Solar radiation (W/m^2) measured by a *solar pyranometer*



The measured data is also used to calculate relative humidity (%), a heat index ($^{\circ}\text{C}$), and the altitude of the cloud base (m).



For real-time data (updated every minute) and access to archived data go to:

<http://weatherstation.uwinnipeg.ca>