**SCI 10 Weather Project - Weather Journal**

You are required to keep track of the weather for an area (region or city/town) of Canada for **5 days** in a row. You may use the website <http://weather.gc.ca/> or [www.theweathernetwork.com](http://www.theweathernetwork.com) or another site or app of your choosing.

**DUE Monday Dec 8, 2014**

Part 1

Make a **table** to record the following information at the same time (roughly) each day: Indicate which region of Canada you are providing weather data for.

1. Barometric pressure and Pressure tendency (raising or lowering)
2. Current temperature
3. Visibility
4. Ceiling
5. Humidity
6. UV index
7. Wind speed and direction
8. Dew Point
9. Air Quality Health Index
10. Your visual description: sunny and cool, warm and rainy, cool with drizzle …

*Note: If a value is not available for that day, look for it on other websites. If still not available, make a note it was unavailable.*

Part 2

Once you have collected all of your data, construct a graph, using Excel or by hand, of:

1. one of the above categories of your choice vs. day.

*• use weather instruments effectively and accurately for collecting local weather data and collect and*

*integrate weather data from regional and national weather observational networks (213-3, 213-6,*

*213-7)*

**EVALUATION /6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **3** | **2** | **1** | **0** |
| **Collection of weather data** | Student demonstrates in-depth ability to collect all required data | Student demonstrates satisfactory ability to collect most required data | Student demonstrates some ability to collect some required data | Not demonstrated |
| **Integration of data** | Student's graph clearly demonstrates in-depth understanding of how to demonstrate data integration | Student's graph demonstrates satisfactory understanding of how to demonstrate data integration | Student's graph demonstrates limited understanding of how to demonstrate data integration | Not demonstrated |