|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Interpretation** | **Data from** | **Source** | **Notes** |
| Max UV24 | Yesterdays Max UV | Yesterday | https://niagarafalls.weatherstats.ca/charts/forecast\_uv-daily.html |  |
| Avgvhwh24 | Buoy wave height | yesterday | https://www.ndbc.noaa.gov/station\_page.php?station=45142 | Note this is hourly- Will need to specify which hr we want them to select. Also note location( station4514, port colborne) |
| Wave height | Shore wave height | Today | PHU COLLECTED |  |
| Avgwspd | Wind speed (assuming yesterdays) | yesterday | https://niagarafalls.weatherstats.ca/charts/wind\_speed-daily.html |  |
| Geomean24 | Yesterdays geomean e coli | Yesterday | PHU TO INPUT BASED ON OBSERVATION |  |
| Watertemp | Water temp | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Turbidity | Turbidity | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Rain48 | 48 hr rainfall (yesterday and today) | Yesterday and day before | https://www.wunderground.com/history/daily/ca/niagara-on-the-lake/CYSN/date/2023-4-11 | Unfortunately, while weatherstats has rain for every other location, they do not for Niagara so this is what we have to use – going to be a bit more annoying for end user but not horrible |
| Meantemp24 | Yesterdays mean temp | Yesterday | https://niagarafalls.weatherstats.ca/charts/temperature-daily.html |  |
|  |  |  |  |  |
| ADDITIONAL VARIABLES IF NEEDED |  |  | https://niagarafalls.weatherstats.ca/charts/ |  |

TORONTO ( ASSUMING SAME VARIABLES USED/ COLLECTED BY PHU

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Interpretation** | **Data from** | **Source** | **Notes** |
| Max UV24 | Yesterdays Max UV | Yesterday | https://toronto.weatherstats.ca/charts/forecast\_uv-daily.html |  |
| Avgvhwh24 | Buoy wave height | yesterday | https://www.ndbc.noaa.gov/station\_page.php?station=45142 | Note this is hourly- Will need to specify which hr we want them to select. NEED TO SELECT LOCATION- DISCUSS WITH JOHANNA |
| Wave height | Shore wave height | Today | PHU COLLECTED |  |
| Avgwspd | Wind speed (assuming yesterdays) | yesterday | https://toronto.weatherstats.ca/charts/wind\_speed-daily.html |  |
| Geomean24 | Yesterdays geomean e coli | Yesterday | PHU TO INPUT BASED ON OBSERVATION |  |
| Watertemp | Water temp | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Turbidity | Turbidity | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Rain48 | 48 hr rainfall (yesterday and today) | Yesterday and day before | https://toronto.weatherstats.ca/charts/rain-daily.html |  |
| Meantemp24 | Yesterdays mean temp | Yesterday | https://toronto.weatherstats.ca/charts/temperature-daily.html |  |
|  |  |  |  |  |
| ADDITIONAL VARIABLES IF NEEDED |  |  | https://toronto.weatherstats.ca/charts/ |  |

VANCOUVER ( ASSUMING SAME VARIABLES BY PHU)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Interpretation** | **Data from** | **Source** | **Notes** |
| Max UV24 | Yesterdays Max UV | Yesterday | https://vancouver.weatherstats.ca/charts/forecast\_uv-daily.html |  |
| Avgvhwh24 | Buoy wave height | yesterday | https://www.ndbc.noaa.gov/station\_page.php?station=45142 | Note this is hourly- Will need to specify which hr we want them to select. NEED TO SELECT LOCATION- DISCUSS WITH JOHANNA |
| Wave height | Shore wave height | Today | PHU COLLECTED |  |
| Avgwspd | Wind speed (assuming yesterdays) | yesterday | https://vancouver.weatherstats.ca/charts/wind\_speed-daily.html |  |
| Geomean24 | Yesterdays geomean e coli | Yesterday | PHU TO INPUT BASED ON OBSERVATION |  |
| Watertemp | Water temp | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Turbidity | Turbidity | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Rain48 | 48 hr rainfall (yesterday and today) | Yesterday and day before | https://vancouver.weatherstats.ca/charts/rain-daily.html |  |
| Meantemp24 | Yesterdays mean temp | Yesterday | https://vancouver.weatherstats.ca/charts/temperature-daily.html |  |
|  |  |  |  |  |
| ADDITIONAL VARIABLES IF NEEDED |  |  | https://vancouver.weatherstats.ca/charts/ |  |

Winnipeg (assuming same variables )

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Interpretation** | **Data from** | **Source** | **Notes** |
| Max UV24 | Yesterdays Max UV | Yesterday | https://winnipeg.weatherstats.ca/charts/forecast\_uv-daily.html |  |
| Avgvhwh24 | Buoy wave height | yesterday | https://www.ndbc.noaa.gov/station\_page.php?station=45142 | Note this is hourly- Will need to specify which hr we want them to select. NEED TO SELECT LOCATION- DISCUSS WITH JOHANNA |
| Wave height | Shore wave height | Today | PHU COLLECTED |  |
| Avgwspd | Wind speed (assuming yesterdays) | yesterday | https://winnipeg.weatherstats.ca/charts/wind\_speed-daily.html |  |
| Geomean24 | Yesterdays geomean e coli | Yesterday | PHU TO INPUT BASED ON OBSERVATION |  |
| Watertemp | Water temp | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Turbidity | Turbidity | Today | PHU TO INPUT BASED ON OBSERVATION |  |
| Rain48 | 48 hr rainfall (yesterday and today) | Yesterday and day before | https://winnipeg.weatherstats.ca/charts/rain-daily.html |  |
| Meantemp24 | Yesterdays mean temp | Yesterday | https://winnipeg.weatherstats.ca/charts/temperature-daily.html |  |
|  |  |  |  |  |
| ADDITIONAL VARIABLES IF NEEDED |  |  | https://winnipeg.weatherstats.ca/charts/ |  |