

APPENDIX 5A

METEOROLOGICAL BASELINE REPORT



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Baffinland Iron Mines Corporation

Baffin Island, Nunavut

Final Report

Updated Baseline Meteorological Assessment

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SUBMITTED TO

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1. CLIMATE

1.1 Introduction

RWDI AIR Inc. (RWDI) was retained by Knight Piésold Ltd. to conduct a baseline climate assessment to support the development of the Baffinland Iron Mines Corporation (Baffinland). An understanding of weather and climate in the project area is advised for the design and operation of the project. Facilities, including transportation corridors, should be designed to withstand the current and changing climate. An understanding of weather and climate is also important in assessing the effects of the project on ambient air quality in the project area.

The purpose of this report is to provide a preliminary understanding of the climate through the review of short-term data collected in the project area supplemented by long-term climate data from Environment Canada. A brief overview of future climatic conditions and the impacts of climate change are provided under separate cover.

The Mary River Project ("the Project") is a proposed iron ore mine and associated facilities located on North Baffin Island, in the Qikiqtani Region of Nunavut. The Project involves the construction, operation, closure, and reclamation of a 21 million tonne-per-annum (Mt/a) open pit mine that will operate for 21 years. The high-grade iron ore to be mined is suitable for international shipment after only crushing and screening with no chemical processing facilities. Three Mt/a of iron ore will be transported via an upgraded existing road to Milne Inlet where it will be stockpiled for shipment during the open water season. A railway system will transport an additional 18 Mt/a of the ore from the mine area to an all-season deep-water port and ship loading facility at Steensby Port where the ore will be loaded into ore carriers for overseas shipment through Foxe Basin. A dedicated fleet of cape-sized ice-breaking ore carriers and some non-icebreaking ore carriers and conventional ships will be used during the open water season to ship the iron ore to markets.

This environmental baseline study report has been prepared in support of an Environmental Impact Statement (EIS) for the Project, to be submitted by Baffinland to the Nunavut Impact Review Board (NIRB).

1.1.1 Data Sources

Baffinland established an on-site meteorological station at Mary River Camp on June 13, 2005. The station has been collecting hourly data since being established, except for an interruption in the winter of 2005. This report incorporates data up to and including July 7, 2010. A list of the parameters collected at the station is provided in Table 1. These parameters are measured several times over the course of an hour and the hourly average, maximum and/or minimum values are recorded, as noted in the table. Table 2 provides a list of the sensors and the corresponding measurement ranges. Summarized monthly data for the Mary River site are provided in Table 3.

Two additional meteorological stations were installed by Baffinland in June 2006 at Milne Inlet and Steensby Inlet. These stations have the same sensors as the Mary River station. Summarized monthly data are provided on Tables 4 and 5. Summarized average daily data for all measured parameters and hourly maximum rainfall, maximum wind speed and minimum and maximum temperatures by month are provided for all three Baffinland stations in Appendix A.

Environment Canada operated a climate station at Mary River during the summer months from 1963 to 1965. These data are presented in Appendix B.

Given that there are no long-term climatic data available for the Project sites, a review of data from a broad area surrounding the project site was also conducted. Specifically, data from the following six locations were reviewed:

- **Pond Inlet (160 km):** Pond Inlet is the closest station for which long term climate data are available (1975 – 2007). The meteorological station at Pond Inlet is approximately 55 m above sea level (masl) compared with elevations at the Mary River camp (180 to 200 masl) and at the top of the deposit at Mary River (698 masl).
- **Igloolik (240 km):** Igloolik has long term climate data available from 1977 - 2002. The meteorological station at Igloolik is approximately 21 masl.
- **Nanisivik (260 km):** Nanisivik has long term climate data available from 1976 - 2007. The meteorological station at Nanisivik is approximately 642 masl.
- **Hall Beach (290 km):** Hall Beach has long term climate data available from 1957 - 2007. The meteorological station at Hall Beach is approximately 8 masl.
- **Clyde River (400 km):** Clyde River has long term climate data available from 1933, 1942 - 1943, and 1946 - 2007. The meteorological station at Clyde River is approximately 27 masl.
- **Dewar Lakes (400 km):** Dewar Lakes has long term climate data available from 1958 – 1993 and 2000 – 2007. The meteorological station at Dewar Lakes is approximately 527 masl.

The station locations are shown in Figure 1 and summarized in Table 6. The climate normals for 1971 to 2000 for each of the stations are summarized in Tables 7 to 12, and presented in detail in Appendix C. As there is no meteorological data available that has been collected specifically in marine locations, stations used to represent Steensby Inlet are also used as a reference case for assessing climate conditions in Foxe Basin where marine-based shipping routes are for the Baffinland Project.

1.2 Climate Overview

The North Baffin region is located within the Northern Arctic and the Arctic Cordillera Ecozones, as delineated in the National Ecological Framework for Canada (Agriculture and Agri-Food Canada, 2000). Northern Baffin Island has a semi-arid climate with relatively little precipitation. The region experiences near 24-hour darkness with less than two hours of twilight from approximately November 12th to January 29th. During winter months (December to April), the treeless topography and fine powdery snow produce blowing snow conditions resulting in restricted visibility. Steam fog may occur in areas of open water, but does not persist more than a few miles downwind. Ice fog is infrequent, due to the lack of moisture in the air, but may occur more frequently if settlements become larger and moisture is added to the air through fuel combustion. Waterbodies such as Foxe Basin can be ice covered, in a stage of melt, or ice-free depending on the season. Polynyas are areas of open water that are resistant to freezing, and are present in some waterbodies surrounding Baffin Island.

Frost-free conditions are short and occur from late June to late August. There is continuous sunshine from approximately May 5th to August 7th. The months of July and August bring maritime influences and are usually the wettest (snow may still occur). Fog increases at this time due to arrival of moist air from southern Canada.

During September to November, temperature and the number of daylight hours start to decrease, and by mid-October the mean daily temperature is well below 0°C. The highest amount of snowfall typically occurs during this period. A condition called “Arctic white out” often occurs during this time, where diffuse white clouds blend into the white snow-covered landscape, reducing visibility and increasing the likeliness of disorientation. This condition can also occur in April and May.

1.3 Air Temperature

1.3.1 Measurement Considerations

Air temperature is the ambient temperature indicated by a thermometer exposed to the air but sheltered from direct solar radiation. This reading is usually taken at a height of about 1.2 m above the ground surface.

1.3.2 Monthly Trends

Monthly average temperatures for the EC stations are presented in Figure 2. Monthly mean temperatures at the long-term EC stations range from about -34 °C in February at Pond Inlet to about 7 °C in July at Igloolik. The monthly average temperatures at Nanisivik are between 0.7 and 7.3 °C colder than other stations during the summer and fall and the temperatures at Pond Inlet are between 1 and 5.6 °C colder than other stations during the winter months.

1.3.3 Long-term Trends

Average annual temperatures recorded at the EC sites range from -12.8°C at Clyde River to -16.3°C at Pond Inlet (Appendix C).

Figure 3 provides the annual average temperatures for all of the EC stations. In general these plots provide a better indication of geographical influences on temperature than the monthly plot since the data are independent of the length of the monitoring period.

The highest annual mean temperatures consistently occurred at Clyde River, with exception of a few years where Dewar Lake and Igloolik recorded higher annual mean temperatures. The lowest annual mean temperatures occurred at Pond Inlet and Nanisivik, which are located at a higher latitude than Clyde River and Dewar Lakes. Annual mean temperatures generally increased over the measurement period at all locations, although there is considerable year-to-year variability. The trend line plotted for Pond Inlet indicates that the annual mean temperature has increased by about 2.1°C since 1975 at Pond Inlet.

1.3.4 Expected Conditions at the Project Site

Figure 4 provides the monthly average temperatures for the years 2005 to 2008 (all available monthly data) from the EC stations along with all available data from the Baffinland stations. Based on a comparison of the monthly trends, it appears that the data from Pond Inlet are most representative of temperatures at all three Baffinland stations compared to the other long term EC stations, although there is a tendency for warmer temperatures at the Baffinland stations during the summer months. Therefore, the data from Pond Inlet, corrected upward by 2.4°C during the summer months, are assumed to be reasonably representative of baseline conditions at Mary River Project site and provide the best long-term temperature information for the project sites. The corresponding temperatures are summarized in Table 13. The same representative temperatures are assumed for the marine climate over Foxe Basin.

1.4 Precipitation

1.4.1 Measurement Considerations

Canadian Climate Normals define precipitation as “rainfall plus the water equivalent of snowfall and all other forms of frozen precipitation” (Environment Canada, 1982). In the Canadian Arctic, precipitation comes in the form of rain, sleet, snow and ice crystals. There are a number of factors that influence the accuracy of precipitation measurements, including evaporation, wetting loss, splashing, blowing snow, and wind-induced effects. These factors can result in an underestimation of precipitation (i.e., undercatch).

The extent of underestimation depends on the gauge used. Meteorological Services Canada uses the Canadian Nipher shielded snow gauge and the Type B rain gauge in the Arctic. The Type B rain gauge was reportedly designed to minimize losses due to adhesion of water to the gauge surface, evaporation between measurement periods and splash out. Similarly, the catch of the Canadian Nipher shielded snow gauge is also reportedly very good, with an average wetting loss, which is the portion of the water which cannot be poured from the gauge to the graduated cylinder, of 0.15 mm ±0.02 mm. Some Arctic stations

report up to 80% of all precipitation events as trace amounts. Trace amounts could reflect an actual measurable amount of about 0.03 mm per observation however trace amounts are assigned a value of zero in the archive.

The effects of wind on the gauge are expected to be minimal due to the design of the shield, which minimizes the disturbance of airflow over the gauge and eliminates updrafts over the orifice for wind speeds below 7 m/s.

All of these factors were taken into consideration in a study undertaken for Yellowknife, which resulted in corrections of annual precipitation by 26% (Metcalf, 2005.). This correction factor was not explicitly applied to the on-site precipitation measurements, but is included for reference.

Snow depth measurements taken at the EC stations consist of daily ruler measurements taken by Meteorological Service of Canada observers.

1.4.2 Monthly Trends

Mean monthly precipitation for the EC stations are presented in Figure 5. Mean monthly precipitation at the long-term EC stations range from 4 mm in February at Pond Inlet, Hall Beach and Nanisivik to about 64 mm in August at Dewar Lakes. There is some variability in precipitation at the long-term EC stations, ranging from about 5 mm in January to about 30 mm in August. Mean monthly precipitation reaches a maximum between August (Igloolik, Pond Inlet, Dewar Lakes, and Hall Beach) and October (Clyde River).

1.4.3 Long-term Trends

The mean annual precipitation at Pond Inlet is 190.8 mm, with 144.5 cm of snowfall (equivalent to 105.4 mm of rain) and 85.4 mm falling as rain. Historical records show that snow can occur in any month and rainfall may occur from April through November. The wettest month of the year is August, receiving an average 32.9 mm of rain. October receives the most snow, an average snowfall of 32.8 cm.

Figure 6 provides the annual precipitation for all of the EC stations. This figure indicates that there is year to year variability in recorded precipitation at the EC stations. The lowest annual precipitation of about 74 mm occurred at Clyde River in 1958; however, the measurement techniques have likely become considerably more reliable since that time. The maximum annual precipitation of 500 mm occurred at Nanisivik in 2005. Figure 6 also provides a trend line based on the Pond Inlet data set, which indicates that precipitation has increased slightly over the measurement period (about 0.24 mm/year).

1.4.4 Expected Conditions at the Project Site

Since total rainfall was the only precipitation measurement available at the Baffinland stations, and mean temperatures are typically above 0°C from May to October, these months were used to compare the Baffinland measured precipitation data with measurements from the EC stations. Figure 7 provides average monthly rainfall for the years 2005 to 2008 (all available monthly data) from the EC stations along with all available data from the Baffinland stations. Mary River rainfall measurements were consistently the highest in the summer months among all other Baffinland stations, whereas rainfall in Milne Inlet and Steensby were mid-low range with the exception of the autumn months, where rainfall measurements were higher than all the other stations. Based on a comparison of the monthly trends, and due to variability from year to year in rainfall amounts, it appears that the data from Hall Beach are most representative of short-term rainfall trends in Mary River, and data from Pond Inlet and Igloolik are most representative of short-term rainfall trends in Milne Inlet and Steensby respectively. Therefore, the data from Hall Beach are assumed to be reasonably representative of baseline rainfall conditions at Mary River Project site and an average of precipitation data from Pond Inlet and Igloolik are assumed to be reasonably representative of baseline conditions at both Milne Inlet and Steensby. The averaged data from Pond Inlet and Igloolik are also assumed for the marine climate over Foxe Basin. The corresponding baseline precipitation data are summarized in Tables 14a and 14b.

1.5 Wind-Blown Snow

Landscape patterns of tundra snow cover develop from wind distribution of snow, rather than spatial variability in precipitation (McFadden et al., 2001). Wind-blown snow accumulates in topographic depressions, on the leeward side of ridges and buildings, and in strands of vegetation, which trap snow by reducing surface wind speeds (McFadden et al., 2001). This accumulation presents challenges in terms of snow loads on structures, and accessibility to buildings, infrastructures and road networks.

If wind-transported snow is not deposited in some kind of drift trap, and if the blowing-snow event lasts long enough and the air remains unsaturated, then the particles can eventually sublimate away (Liston & Sturm, 2002). Particle transport distance is the distance an average-sized snow/ice grain can travel before it completely sublimates. Transport distances of 2 – 3 km for a region south of Barrow, Alaska have been calculated (Liston & Sturm, 2002). As a consequence of the vigorous wind transport, a significant portion (5% - 50%) of the arctic snowcover is returned to the atmosphere by sublimation of the wind-borne snow particles (Liston & Sturm, 2002). Estimates of the amount of solid precipitation that sublimates are 20% to 47% in the Trail Valley Creek area of the western Canadian Arctic (Liston & Sturm, 2002).

1.5.1 Measurement Considerations

Measurements of wind-blown snow are difficult to produce. Models have been developed to estimate wind-blown snow events from wind speed and snowfall data. Unfortunately, accurate arctic snowfall measurements have proven nearly impossible to achieve because this precipitation generally falls when it is windy, and precipitation gauges located in windy environments significantly underestimate solid-precipitation amounts (Liston & Sturm, 2002). Due to these limitations, RWDI was retained by Knight Piésold Ltd. to conduct a snowdrift assessment. Refer to the report entitled “Snowdrift Report, Mary River Project, Baffin Island, Nunavut” for more information (RWDI, 2010).

1.5.2 Regional Measurements

Measurements of snow depth and snowfall are included in Tables 14a and 14b from long term EC stations. Although these values can provide an estimate of snow conditions in the region, snow depth and accumulation is heavily dependent upon wind distribution and sublimation of snow, which are in turn strongly influenced by local topography. Additional information regarding regional snowfall amounts can be found in the report entitled “Snowdrift Report, Mary River Project, Baffin Island, Nunavut” for more information (RWDI, 2010).

1.5.3 Expected Conditions at the Project Site

Visual observations at the Mary River Site indicate that snowfall drifts across the open terrain and accumulates in valleys and against obstacles, while most of the flat terrain is swept free. Some of the mountain regions have mini glaciers where it would be snow covered year round, and some of the valleys might have snow most of the year. Based on visual observations it is estimated that during the winter months 60% of the total land area has snow cover. From June to September, snow cover is less than 5% for much of the area around Mary River and Steensby, exposing dirt (for Mary River) or rock (for Steensby)¹.

Additional information regarding expected snowdrifting conditions at the Project site can be found in the report entitled “Snowdrift Report, Mary River Project, Baffin Island, Nunavut” for more information (RWDI, 2010).

¹ Personal correspondence between A. Carrière and S. Aiken, Knight Piésold Ltd., April, 2008

1.6 Wind Speed and Direction

1.6.1 Measurement Considerations

The wind speed and direction at the Baffinland stations are measured using propeller-type anemometers. Wind speed and direction are measured at a standard height of 10 m. Wind speed and direction have a non-zero starting threshold. Values less than this threshold are reported as calms.

Wind speed and wind direction measurements are shown in this section as joint frequency distributions in a 'wind rose' format. Each bar in the wind rose represents one of the 16 cardinal directions on a compass. The length of each bar represents the frequency (%) that the wind is blowing from the given direction. Each bar is divided into segments to represent different wind speed classes. Wind speed data are also presented in a histogram format, which shows the frequency of occurrence of various wind speed categories.

1.6.2 Regional Data Short-term Trends

Monthly average winds at the EC stations range from 1.8 m/s in February at Pond Inlet to 6.7 m/s in October at Hall Beach. Figure 8 shows the comparison between the monthly average wind speeds at the EC and Baffinland stations. The figure indicates that the measured monthly average wind speeds at the Baffinland station are generally within the observed ranges from the EC stations, with the exception of Milne Inlet during the month of March and summer months (June – August), which experienced higher monthly average wind speeds. This could be a function of the smaller data set at the Baffinland stations.

Figure 9 provides the wind rose for the Mary River site. The graph indicates that winds from the southeast occur most frequently (15.5% of the time), followed by winds from the east-southeast (9% of the time). The wind data are also presented as a histogram in Figure 10, which indicates the frequency of the various wind speed categories. "Light air" conditions (0.3 to 1.6 m/s) occur most frequently at 26.3% of the time, followed by calm winds (0 to 0.3 m/s) which occur 21.7% of the time. The figure indicates that strong breezes (10.8 to 13.9 m/s) occur 5.0% of the time. Near gale winds (13.9 to 17.2 m/s) occur 1.4% of the time.

Figure 11 provides the wind rose for the Milne Inlet site. The graph indicates that winds from the northeast and south southeast occur most frequently (nearly 13% of the time for both directions), followed by winds from the southeast and northeast (about 11.5-12.0% of the time respectively). The wind data are also presented as a histogram in Figure 12, which indicates that "light air" conditions (0.3 to 1.6 m/s) occur most frequently at 26.1% of the time, followed by "light breeze" conditions (1.6 to 3.4 m/s), which occur 18.4% of the time. The figure indicates that strong breezes (10.8 to 13.9 m/s) occur 6.9% of the time. Near gale winds (13.9 to 17.2 m/s) occur 1.9% of the time.

Figure 13 provides the wind rose for the Steensby Inlet site. The graph indicates that winds from the northwest occur most frequently (23% of the time), followed by winds from the southeast (nearly 12% of the time). The wind data are also presented as a histogram in Figure 14, which indicates that "gentle breeze" conditions (3.4 to 5.5 m/s) occur most frequently at 31.5% of the time, followed by "light breeze" conditions (1.6 to 3.4 m/s), which occur 22.6% of the time. The figure indicates that strong breezes (10.8 to 13.9 m/s) occur 4.1% of the time and "near gale winds" (13.9 to 17.2 m/s) occur 0.9% of the time. Similar wind speeds and directions are also assumed for the marine climate over Foxe Basin.

1.6.3 Long-term Trends

Figure 15 provides a wind rose for the Pond Inlet site (2003 to October 2010). The graph indicates that winds from the south occur most frequently (23% of the time). The wind data are also presented as a histogram in Figure 16, which indicates the frequency of the various wind speed categories. Light breezes (1.6 to 3.4 m/s) occur most frequently at 33.8% of the time, followed by "light air" conditions (0.3 to 1.6 m/s), which occur 30.6% of the time. "Strong breeze" conditions (10.8 to 13.9 m/s) occur about 1% of the time.

1.6.4 Expected Conditions at the Project Site

Wind speed and direction are strongly affected by local influences, such as terrain. Furthermore, there is typically little variability in the average wind speeds on a year-to-year basis. Therefore, the short-term data sets from the Baffinland stations are expected to be fairly representative of average long-term conditions (or more representative than any of the EC data sets). The conditions at Steensby Inlet are assumed to be the best representation of marine climate conditions over Foxe Basin. The long-term EC data provide a better indication of extreme wind events that could possibly occur at the site. Typical wind conditions based on the on-site data and extreme wind conditions based on the extreme values from all available EC data sets are summarized in Table 15.

1.7 Solar Measurements

1.7.1 Measurement Considerations

Environment Canada defines global solar radiation as “the total incoming direct and diffuse short wave solar radiation received from the whole dome of the sky on a horizontal surface” (Environment Canada, 1982). Solar radiation is measured in mega joules per square meter (MJ/m^2). These data are considered in the determination of atmospheric stability for air quality dispersion modelling.

Daily bright sunshine refers to the duration of sunshine of sufficient intensity to scorch or burn through the standard sunshine card installed in a Campbell-Stokes sunshine recorder (Environment Canada, 2006).

1.7.2 Observations

Table 16 shows the mean daily global solar radiation for each month at Hall Beach (1970 – 1998) and the Baffinland stations. Mean daily global solar radiation at Hall Beach ranges from 0 in December to 23 MJ/m^2 in June. The annual mean daily global solar radiation of 9 MJ/m^2 at Hall Beach is consistent with other estimates in this region. In Figure 17, the Atlas of Canada estimates the annual mean daily global solar radiation to be between 8 - 10 MJ/m^2 for Baffin Island. The measured values at the Baffinland stations are much higher than those recorded for both Hall Beach and the Atlas of Canada, therefore, the Baffinland measurements are considered to be questionable.

Mean number of hours of bright sunshine at Pond Inlet and Clyde River for the period from 1971 to 2000 is presented in Table 17. The maximum number of hours of bright sunshine occurs in May at Pond Inlet with 362 hours and in July at Clyde River with 279 hours, respectively.

1.7.3 Expected Conditions at the Project Site

Since the solar radiation measurements from the Baffinland stations are suspect, data from Hall Beach are expected to provide the best estimate of mean daily solar radiation at the Project site, and can also be assumed for the marine climate over Foxe Basin. Data for Pond Inlet are expected to provide the best estimate of hours of bright sunshine.

1.8 Atmospheric Moisture

1.8.1 Measurement Considerations

Relative humidity is determined by calculating the temperature difference between two thermometers, one wet and the other one dry. The bulb of the wet thermometer is continuously moistened by a fabric wick immersed at its other end in a water reservoir. Evaporation of water from the bulb requires heat, some of which comes from the bulb, thereby lowering the temperature. This measurement technique is employed at Meteorological Services Canada's manned stations. Relative humidity is measured at the Baffinland sites using an electronic analogue humidity sensor.

Relative humidity varies diurnally and seasonally. Relative humidity values tend to be at a maximum at sunrise when temperatures are at the coolest and tend to be at a minimum value in the late afternoon/early evening when temperatures are at a maximum. Seasonal variability is related to temperatures and precipitation amounts.

1.8.2 Observations

Average relative humidity data from the EC and Baffinland stations are provided in Table 18. The lowest monthly average humidity typically occurs in February or March at all stations, which corresponds to the period of time with the lowest precipitation and the lowest temperatures.

The relative humidity data from the Baffinland stations seems to be generally consistent with the monthly trends observed at the EC stations, although it is somewhat higher in the winter months and somewhat lower in the summer months at the Baffinland stations. Again, this could be attributed to the length of the monitoring program.

1.8.3 Expected Conditions at the Project Site

The Baffinland relative humidity data are expected to be most representative of long-term conditions at the Project site.

1.9 Evaporation

1.9.1 Measurement Considerations

Evaporation data can be calculated or obtained directly from measurements. Measurements are made using an evaporation pan. The pan is equipped with a stilling well, which has a level sensor used to record water depth. Evaporation is not currently measured at the Baffinland or the EC stations.

Evaporation can be calculated based on measurements of wind speed, solar radiation, temperature, and humidity. Several methods have been developed to assess the evaporation rate from these parameters, including the FAO Penman-Monteith Evapotranspiration (ET) method. The FAO Penman-Monteith method is recommended as the standardized method for determining reference ET from meteorological data (Allen et al., 1998). Evapotranspiration is the combination of two separate processes whereby water is lost either from the soil surface by evaporation and from the crop by transpiration.

1.9.2 Regional Trends

Observational evaporation data specific to the Canadian Arctic is sparse however; Walsh et al. (1998) have cited evaporation measurements over the entire Arctic Ocean at approximately 0.4 mm/day on an annual basis.

Observational evaporation data on Baffin Island are not available; however climate model simulations of precipitation and evaporative fluxes in the Canadian Arctic and northern land areas have been conducted. The Atmospheric Model Inter-comparison Project (AMIP) compiled outputs from 23 different model simulations. The simulated evaporation from the Canadian Straits & Foxe Basin Watershed shows a strong seasonality, ranging from approximately 0.1 to 0.15 mm/day in the winter to 0.4 to 3.4 mm/day in the summer. (The winter amounts represent primarily sublimation.) Similar evaporation fluxes were predicted between models with the exception of predictions in the summer months. While there was a wide range between models, each model predicted a similar value for precipitation as evaporation in the summer months.

1.9.3 Expected Conditions at the Project Site

Given that the on-site solar radiation measurements are suspect, five years (1982 – 1986) of meteorological data from Hall Beach were used to calculate ET using the Penman-Monteith method. Evapotranspiration was calculated for the months March through to September only. Evapotranspiration

levels are expected to be low to negligible during the winter season since mean temperatures are well below the freezing point limiting the available moisture for ET. In addition, low solar radiation during the winter season results in bias and errors in solar radiation observation data. Since solar radiation measurements are a component of the FAO Penman-Monteith method, ET results for these months have not been included in this analysis.

Mean daily and monthly ET values for Hall Beach for the years 1982 to 1986 are presented in Tables 19 and 20. Figures 18 and 19 present ET in mm/day and mm/month, for the months March through to September. The mean daily ET over these months is 0.9 mm/day. Total annual ET over these months is 193 mm. This is similar to the annual precipitation for Hall Beach of 216.7 mm for the years 1971 to 2000.

1.10 Extreme Events

1.10.1 Measurement Considerations

Extreme precipitation weather events are largely affected by local influences such as terrain and proximity to water bodies. There is also typically more variability in the occurrence of extreme weather events from year to year, so the long-term EC data provide a better indication of extreme wind events that could possibly occur at the Project site. The climate normals datasets (1971 – 2000) from Environment Canada weather stations were utilized to determine the frequency of extreme rain and snow weather events.

Extreme events considered for the Baffinlands project include severe rain and snowfall activity. Frequency of blizzard events is also considered. Blizzards occur where sustained wind speeds are in excess of 11.3 m/s (22 knots) and visibility becomes restricted because of blowing and/or falling snow (Hudson *et al.*, 2001).

1.10.3 Regional Trends

Table 21 includes the average number of days per year that an extreme event with >25mm precipitation would occur, as well as the calculated return rates for these events in years. There is variation in the return rates from site to site which is likely due in part to topological differences between the sites and their effect on local weather. Figure 20 is a map representation of the average number of blizzards per year in Northern Canada.

1.10.2 Expected Conditions at the Project Site

Given that local characteristics of a site have a large influence on the severity of a weather event, EC sites that were the selected as most representative sites for precipitation were also used as representative sites for extreme precipitation events. Hall Beach was chosen as the most representative site for Mary River, Pond Inlet was chosen as the most representative site for Milne Inlet and Igloolik was chosen for Steensby Inlet, as well as assumed for the marine climate over Foxe Basin. Given this, Mary River is expected to experience approximately one extreme precipitation or rainfall event every four years (snowfall return not available), and approximately 10.4 blizzard events per year. Milne Inlet is expected to experience approximately one extreme rainfall event every 13 years, approximately one extreme snowfall event every 25 years, approximately one extreme precipitation event every 11 years, and approximately 1.2 blizzard events per year. Steensby Inlet and the marine climate over Foxe Basin are expected to experience approximately one extreme rainfall event every eight years, approximately one extreme snowfall event every six years, and approximately one extreme precipitation event every three years. Since Igloolik was not included as a location in the map of average blizzards per year, it can be assumed that the Hall beach site, being the closest to Steensby Inlet and Foxe Basin, would also be the most representative of those locations with approximately 10.2 blizzard events per year.

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TABLES

Table 1 - Baffinland Meteorological Station Parameters		
Element	Description	Units
ARRAY		
YEAR_RTM	Year	Years
DAY_RTM	Day (1 to 365)	Days
HOUR_MIN_RT	Hours (01 to 24)	Hours
BATT_VOLT_AVG	Battery Voltage	Volts
PROG_SIG	Program Signal	
RAIN_MM_TOTAL	Rain	mm
AIRTEMP-AVE	Air Temperature	degrees Celsius
RH-MAX	Maximum Relative Humidity	percent
RH-MIN	Minimum Relative Humidity	percent
SLR_W_AVG	Flux Density	Watts/m ²
SLR_KJ_TOTAL	Total Flux	KJ/m ²
WS-MS-AVE	Average Wind Speed	m/s
WS-MS-MAX	Maximum Wind Speed	m/s
WS-MS-MIN	Minimum Wind Speed	m/s
WS-MS-S-WVT	Average Wind Speed	m/s
WIND DIR-DL-WVT	Wind Direction	Degrees
WIND DIR-SDL-WV	Standard deviation of Wind Direction	Degrees
TOT 24	Total rainfall from previous 24 hours	mm
TDC-AVE	Dew point	degrees Celsius
HI-C-AVE	Average heat index	degrees Celsius
SUN-HRS-TOT	Hours of sunshine	Hours
WC-C-AVE	Average Wind Chill	degrees Celsius
WC-C-MAX	Maximum Wind Chill	degrees Celsius
WC-C-MIN	Minimum Wind Chill	degrees Celsius

Table 2 - Baffinland Meteorological Station Sensors

Climate Data Element	Sensor Model #	Measurement Range
Wind Speed and Direction	5103	0 to 60 m/s (134 mph) Wind gust survival of 100 m/s (220 mph or 354 km/h) Accuracy of +/- 0.3 m/s or +/- 0.6 mph Temperature -50°C to + 50°C
Air Temperature	HMP45C212	Temperature range of - 50°C to + 50°C
Relative Humidity	HMP45C212	0% to 100% RH
Tipping Bucket Rain Gauge	TE525	0.1 mm per tip up to 10 mm in 1 hour (+/- 1%) 10 mm to 20 mm in 1 hour (- 3%) 20 mm to 30 mm in 1 hour (-5%)
Pyranometer	SP Lite	400 to 1100 nm

Table 3 - Mary River - Monthly Averages								
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Air Temp	Average Wind Chill	Average Flux Density	Average Total Flux
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(W/m ²)	(KJ/m ²)
May 2005	-	-	-	-	-	-	-	-
June 2005	13.9	-	4.96	-	-	-	766.42	66218.28
July 2005	112.5	75.24	4.36	3.88	8.43	6.60	609.44	52656.41
August 2005	37.1	68.28	4.21	2.47	8.61	7.08	568.46	49115.04
September 2005	5.1	81.53	4.95	-3.12	-0.15	-4.08	461.30	39596.29
October 2005	0.0	-	2.70	-	-	-	335.97	29029.76
November 2005	0.0	-	-	-	-	-	-	-
December 2005	0.0	-	-	-	-	-	-	-
January 2006	0.0	-	-	-	-	-	-	-
February 2006	0.0	-	-	-	-	-	-	-
March 2006	0.0	-	-	-	-	-	-	-
April 2006	0.0	-	-	-	-	-	-	-
May 2006	0.0	-	-	-	-	-	-	-
June 2006	22.1	74.63	4.81	-0.83	3.48	0.23	751.53	64934.08
July 2006	94.8	73.45	4.21	4.70	9.65	8.35	697.47	60256.60
August 2006	74.5	68.90	4.05	3.25	9.10	7.59	567.97	49072.53
September 2006	25.4	72.99	3.29	-2.21	2.37	0.07	513.01	44192.69
October 2006	4.2	85.99	4.03	-6.80	-4.76	-8.21	134.52	11622.53
November 2006	0.0	76.78	2.76	-22.80	-19.75	-23.46	15.08	1302.55
December 2006	0.0	70.43	2.49	-33.37	-29.71	-34.31	0.16	13.90
January 2007	0.0	68.68	1.41	-36.09	-32.27	-34.60	3.23	279.20
February 2007	0.0	69.37	2.61	-30.19	-26.17	-29.95	110.74	9567.87
March 2007	0.0	65.15	2.54	-35.37	-30.98	-35.13	490.20	42352.74
April 2007	0.0	70.50	1.86	-24.05	-20.02	-22.27	528.50	45662.70
May 2007	0.1	79.08	3.57	-14.72	-11.71	-17.05	554.35	47896.83
June 2007	0.9	72.15	4.20	-1.33	3.62	0.98	783.61	67705.16
July 2007	37.8	55.14	4.31	3.83	13.22	12.89	668.70	57774.71
August 2007	57.4	70.50	3.30	4.11	9.59	8.67	582.31	50310.88
September 2007	9.3	75.63	2.93	-4.81	-0.87	-3.38	307.56	26573.02
October 2007	0.1	83.85	3.33	-14.58	-12.40	-15.57	-	-
November 2007	0.0	77.77	4.31	-24.36	-21.51	-27.39	-	-
December 2007	0.1	68.90	1.57	-34.49	-30.64	-32.95	-	-
January 2008	0.0	68.39	4.09	-33.54	-29.56	-34.49	-	-
February 2008	0.0	63.44	2.13	-39.79	-35.33	-39.26	-	-
March 2008	0.0	67.09	4.54	-32.08	-27.80	-35.62	-	-
April 2008	0.0	71.31	4.71	-19.36	-15.20	-21.21	-	-
May 2008	23.8	69.19	3.20	-6.02	-0.79	-3.47	-	-
June 2008	0.0	-	6.50	-	-	-	-	-
July 2008	11.4	-	4.96	-	-	-	-	-
August 2008	30.4	-	3.21	-	-	-	-	-
September 2008	8.8	-	4.88	-	-	-	-	-
October 2008	0.1	80.25	4.52	-14.60	-11.83	-17.11	-	-
November 2008	0.0	73.27	3.44	-25.94	-22.40	-27.15	-	-
December 2008	0.0	66.49	2.46	-34.12	-29.86	-33.78	-	-
January 2009	0.0	71.24	2.64	-31.47	-27.84	-32.61	-	-
February 2009	0.0	70.29	1.44	-34.93	-31.32	-34.02	-	-
March 2009	0.0	68.65	3.10	-31.76	-27.75	-33.28	-	-
April 2009	3.1	71.63	2.66	-21.70	-17.76	-21.62	-	-
May 2009	3.1	73.58	2.59	-10.46	-6.42	-9.49	-	-
June 2009	35.2	73.35	5.07	-0.26	4.32	1.14	-	-
July 2009	28.4	67.28	3.16	6.05	12.48	11.70	-	-
August 2009	36.2	73.14	3.30	3.81	8.63	7.55	583.78	50437.43
September 2009	26.6	-	4.70	-	-	-	465.56	39944.77
October 2009	0.1	-	4.38	-	-	-	191.46	16541.95
November 2009	0.0	-	2.55	-	-	-	13.58	1173.67
December 2009	0.0	-	5.42	-	-	-	0.12	10.11
January 2010	0.0	71.96	3.89	-35.03	-32.13	-38.10	3.76	324.84
February 2010	0.0	-	4.49	-	-	-	99.93	8633.60
March 2010	0.0	-	3.45	-	-	-	496.86	42928.18
April 2010	1.0	-	2.97	-	-	-	556.12	48047.54
May 2010	8.4	-	4.75	-	-	-	688.36	58896.53
June 2010	8.2	-	4.60	-	-	-	678.59	58630.02
July 2010	1.9	-	2.18	-	-	-	666.82	54183.16

Notes:

1. Meteorological station set up on June 13, 2005. No data before June 13, 2005 was included in summary calculations.
2. Station data includes hourly records up to July 7, 2010 at the time of this report.
3. No data available between June 16 2008 - July 26, 2008; August 13, 2008 - August 22, 2008; August 25, 2008 - September 2, 2008; September 12, 2008 - September 22, 2008; October 15, 2008 - October 18, 2008; August 14-18, 2009.
4. Monthly averages calculated on months where >24 days data available. (based on days > 18 hourly records)
5. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from September 2009 to end of record.
6. Erroneous Total Rain readings where Air Temperature < 0°C, and Relative Humidity readings < 0 or > 100 were not included in summary calculations.
7. Wind Speed data not available between Oct. 6, 2005 and June 2, 2006.
8. Solar Radiation (Total & Density) data not available from October 6, 2005 - June 2, 2006 and October 2007 - August 2009.

Table 4 - Milne Inlet - Monthly Averages								
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Air Temp	Average Wind Chill	Average Flux Density	Average Total Flux
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(W/m ²)	(KJ/m ²)
June 2006	1.5	-	5.56	-	-	-	858.50	70846.24
July 2006	76.5	75.74	5.45	4.19	8.61	6.42	683.68	59069.89
August 2006	35.8	73.59	6.35	3.37	8.09	5.47	615.47	53177.50
September 2006	52.3	80.66	4.98	-1.41	1.63	-2.23	522.16	45115.18
October 2006	0.3	90.68	5.03	-6.17	-4.84	-9.47	128.16	11072.39
November 2006	0.0	81.67	4.85	-21.42	-19.07	-26.36	10.27	887.18
December 2006	0.0	76.22	3.72	-31.09	-28.22	-34.69	0.07	6.35
January 2007	0.0	74.22	2.41	-33.68	-30.59	-35.38	2.03	174.99
February 2007	0.0	74.95	4.73	-28.48	-25.30	-33.37	83.94	7252.07
March 2007	0.0	69.59	3.98	-34.62	-30.88	-38.75	497.48	42981.56
April 2007	0.0	78.70	4.22	-21.36	-18.56	-24.64	671.02	57975.84
May 2007	0.0	79.62	2.84	-13.56	-10.68	-14.15	658.40	56885.34
June 2007	0.0	76.79	4.97	-1.22	2.80	-0.79	791.33	68466.33
July 2007	16.1	65.12	5.36	3.37	9.87	8.48	690.23	59636.05
August 2007	24.7	77.45	5.09	3.85	7.77	5.51	605.14	52284.35
September 2007	7.2	80.84	5.01	-4.02	-1.03	-5.41	514.99	44495.57
October 2007	0.0	85.44	5.33	-12.46	-10.47	-15.63	136.62	11803.69
November 2007	0.0	80.64	5.22	-25.33	-22.91	-30.02	7.65	660.75
December 2007	0.0	74.42	3.53	-32.75	-29.67	-37.02	0.09	7.86
January 2008	0.0	72.39	4.39	-31.50	-28.04	-34.44	1.58	136.69
February 2008	0.0	69.37	2.99	-37.81	-34.19	-40.98	94.39	8155.66
March 2008	0.0	70.61	4.78	-33.51	-29.87	-38.94	481.35	41588.01
April 2008	0.0	78.25	5.33	-20.20	-17.29	-24.97	705.32	60940.39
May 2008	0.0	79.70	4.92	-7.65	-4.58	-9.54	700.67	59125.25
June 2008	14.4	-	5.14	-	-	-	753.63	61678.04
July 2008	82.2	69.31	5.47	4.09	9.91	8.09	707.10	61093.73
August 2008	3.9	-	3.66	-	-	-	629.27	50089.74
September 2008	0.0	-	5.30	-	-	-	358.85	30101.78
October 2008	0.0	83.70	5.33	-13.52	-11.26	-17.48	161.55	13957.79
November 2008	0.0	79.35	3.49	-24.54	-21.91	-27.58	10.32	891.95
December 2008	0.0	73.24	5.23	-32.02	-28.75	-37.69	0.07	5.67
January 2009	0.0	74.94	4.45	-30.75	-27.67	-35.49	1.95	168.72
February 2009	0.0	73.49	2.64	-34.23	-31.04	-36.51	78.01	6739.82
March 2009	0.0	73.09	4.63	-31.25	-27.91	-36.50	479.53	41432.00
April 2009	0.0	77.18	3.22	-20.99	-17.92	-22.89	644.92	55721.56
May 2009	0.0	82.09	3.82	-10.02	-7.46	-12.25	681.50	58882.57
June 2009	0.0	78.14	5.71	-0.15	3.46	-0.39	766.58	66231.48
July 2009	0.0	71.39	5.76	6.13	11.51	10.20	649.64	56129.24
August 2009	0.0	-	6.26	-	-	-	647.71	54452.07
September 2009	0.0	-	4.47	-	-	-	705.58	24957.59
October 2009	0.0	-	4.53	-	-	-	717.11	26980.07
November 2009	0.0	-	4.46	-	-	-	704.48	26120.81
December 2009	0.0	-	4.47	-	-	-	714.64	27011.76
January 2010	-	-	-	-	-	-	-	-
February 2010	-	-	-	-	-	-	-	-
March 2010	26.2	-	13.94	-	-	-	261.44	6331.37
April 2010	-	-	-	-	-	-	-	-
May 2010	-	-	-	-	-	-	-	-
June 2010	-	-	-	-	-	-	-	-
July 2010	-	-	-	-	-	-	-	-

Notes:

1. Meteorological station set up on June 19, 2006.
2. Station data includes hourly records up to July 7, 2010 at the time of this report. (no data available after March 4, 2010).
3. No data available between Aug 18, 2009 - Sept 7, 2009 and Dec 27, 2009 - March 2, 2010.
4. Monthly averages calculated on months where >24 days data available. (based on days > 18 hourly records)
5. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2009 to end of record.
6. Erroneous Relative Humidity readings < 0 or > 100 were not included in summary calculations.

Table 5 - Steensby Inlet - Monthly Averages								
Date	Rain Monthly Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Air Temp	Average Wind Chill	Average Flux Density	Average Total Flux
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(W/m ²)	(KJ/m ²)
June 2006	2.7	-	5.17	-	-	-	629.85	51397.58
July 2006	60.4	81.48	5.21	4.68	8.07	5.73	666.83	57614.16
August 2006	26.5	72.61	5.81	3.74	8.95	6.78	512.21	44255.76
September 2006	29.3	78.63	4.54	-0.47	3.15	-0.17	484.87	40380.29
October 2006	7.8	86.31	5.46	-4.51	-2.49	-7.67	171.09	14781.55
November 2006	0.0	83.89	4.03	-17.13	-14.99	-20.77	15.19	1312.42
December 2006	0.0	77.05	4.74	-30.06	-27.27	-37.45	0.43	37.45
January 2007	0.0	73.55	4.80	-34.16	-31.00	-42.40	9.44	815.52
February 2007	0.0	74.13	5.14	-28.64	-25.33	-35.75	138.80	11991.98
March 2007	0.0	72.29	4.92	-34.68	-31.38	-43.01	548.28	47371.51
April 2007	0.1	-	4.09	-	-	-	516.84	44654.46
May 2007	0.9	83.82	4.18	-14.65	-12.45	-18.96	516.83	44654.37
June 2007	0.1	84.55	4.10	-0.64	1.92	-1.54	720.19	62224.78
July 2007	21.4	74.07	3.48	4.60	9.33	8.18	672.62	58115.44
August 2007	22.9	81.92	3.89	4.28	7.36	5.32	604.32	52213.90
September 2007	6.3	80.02	4.77	-2.43	0.73	-3.27	470.01	40609.66
October 2007	2.9	87.34	5.67	-9.73	-7.96	-14.30	168.04	14519.10
November 2007	0.0	83.72	5.00	-20.63	-18.56	-26.47	17.14	1480.87
December 2007	0.0	73.82	3.84	-32.35	-29.16	-38.28	0.62	53.48
January 2008	0.0	74.10	5.11	-31.32	-28.14	-38.37	5.30	457.73
February 2008	0.0	67.54	4.52	-39.47	-35.65	-47.45	170.31	14715.32
March 2008	0.0	72.53	5.42	-31.80	-28.40	-39.81	569.02	49163.20
April 2008	0.2	76.96	5.55	-17.77	-14.52	-22.71	537.64	46450.92
May 2008	7.8	83.14	4.45	-5.10	-2.53	-7.22	585.59	50595.26
June 2008	41.2	86.07	4.67	1.00	3.19	-0.34	750.10	64809.35
July 2008	48.4	79.22	4.27	3.79	7.53	5.36	605.61	52534.81
August 2008	0.4	-	2.83	-	-	-	593.76	41002.13
September 2008	1.4	-	7.07	-	-	-	352.22	28472.60
October 2008	2.8	87.03	6.80	-8.99	-7.16	-14.17	217.57	17053.52
November 2008	0.0	-	4.73	-	-	-	296.30	2982.93
December 2008	-	-	-	-	-	-	-	-
January 2009	-	-	-	-	-	-	-	-
February 2009	0.4	-	4.34	-	-	-	857.25	15453.96
March 2009	1.0	-	5.45	-	-	-	1290.67	47709.36
April 2009	0.3	-	4.54	-	-	-	859.68	43311.92
May 2009	0.0	-	3.31	-	-	-	623.14	41909.97
June 2009	0.0	-	4.97	-	-	-	753.23	60539.47
July 2009	0.0	-	4.25	-	-	-	768.58	51317.26
August 2009	0.0	-	3.58	-	-	-	907.57	43708.11
September 2009	0.0	-	6.11	-	-	-	1409.11	25067.51
October 2009	0.0	-	5.66	-	-	-	1113.11	14667.79
November 2009	0.0	-	3.92	-	-	-	680.10	3191.00
December 2009	-	-	-	-	-	-	-	-
January 2010	-	-	-	-	-	-	-	-
February 2010	0.0	-	5.10	-	-	-	1021.14	11274.98
March 2010	0.0	-	5.39	-	-	-	1479.58	38395.44
April 2010	0.0	-	5.20	-	-	-	930.35	34117.56
May 2010	0.0	-	5.51	-	-	-	866.25	36961.48
June 2010	0.0	-	4.46	-	-	-	670.75	33231.31
July 2010	0.0	-	3.32	-	-	-	700.60	37919.16

Notes:

1. Meteorological station set up on June 19, 2006.
2. Station data includes hourly records up to July 7, 2010 at the time of this report.
3. No data available between Aug 14, 2008 - Sept 19, 2008; Nov 19, 2008 - Feb 10, 2009; Aug 17, 2009 - Sept 22, 2009 and Nov 6, 2009 - Feb 10, 2010.
4. The meteorological station was moved on September 14, 2006.
5. No data is available for September 14 and 15, 2006 due to the relocation of the station 1km inland
6. Monthly averages calculated on months where >24 days data available. (based on days > 18 hourly records)
7. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2008 to end of record.
8. Erroneous Relative Humidity readings < 0 or > 100 were not included in summary calculations.
9. Hourly data with erroneous dates removed (Null Year value or Year value < 2000)

Table 6 - Summary of Regional Meteorological Stations							
Station Name	Climate ID	Latitude	Longitude	Elevation (m)	Distance from Mary River (km)	Mean Annual Temperature (°C)	Mean Annual Wind Speed (m/s)
	WMO ID						
	TC ID						
Pond Inlet A	2403201	72° 40' N	77° 58' W	55.2	157	-15.1	2.5
	71095						
	YIO						
Hall Beach A	2403202	68° 46' N	81° 14' W	8.2	293	-14.1	5.6
	71081						
	YUX						
Igloolik	2403203	69° 22' N	81° 48' W	21.3	237	N/A	4.4
	-						
	-						
Clyde River A	2403204	70° 29' N	68° 31' W	26.5	403	N/A	4.0
	71090						
	YCY						
Nanisivik A	2403205	72° 58' N	84° 37' W	641.9	259	N/A	N/A
	-						
	YSR						
Dewar Lakes	2401030	68° 39' N	71° 10' W	526.7	400	N/A	N/A
	71092						
	WUW						

Notes:

1. Environment Canada, 2004.
2. N/A - Indicates no data available.
3. Data from 1971-2000 climate normals.

Table 7 - Pond Inlet A Climate Normals (1971-2000)

Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-32.4	-34.1	-30.3	-22.1	-9.9	1.8	6	4.2	-1.4	-11.4	-22.4	-28.7	-15.1
Daily Maximum (°C)	-28.8	-30.6	-26.4	-17.7	-5.8	4.7	9.8	7.2	1.2	-8	-18.5	-25	-11.5
Daily Minimum (°C)	-35.9	-37.5	-33.9	-26.5	-13.9	-1.1	2.1	1.2	-4	-14.7	-26.1	-32.4	-18.6
Precipitation:													
Rainfall (mm)	0	0	0	0	0.2	11.7	30.5	32.9	8.4	1.3	0.4	0	
Snowfall (cm)	7.3	5.6	10.1	13.9	14.2	5.3	0.5	3.9	16.7	32.8	22.4	11.8	
Precipitation (mm)	5.7	4.3	8	10.7	9.6	15.8	31.1	36.9	20.8	23.4	16.1	8.4	
Average Snow Depth (cm)	19	18	20	22	23	6	0	0	2	10	16	17	13
Median Snow Depth (cm)	18	18	20	22	23	6	0	0	1	10	15	17	13
Days with Maximum Temperature													
<= 0 °C	30.9	28.3	31	29.9	26.4	2.9	0	0.11	11.4	29.6	30	31	
> 0 °C	0.13	0.05	0.04	0.14	4.7	27.1	31	30.9	18.6	1.5	0	0	
> 10 °C	0	0.05	0.04	0	0.1	1.7	12.8	4.3	0.05	0	0	0	
> 20 °C	0	0.05	0.04	0	0	0	0.15	0	0	0	0	0	
Days with Minimum Temperature													
> 0 °C	0	0	0	0	0.08	12	25.5	19.8	3.4	0.04	0	0	
<= 2 °C	29.9	27.3	30	28.7	29.5	25.9	16.1	19.9	27.4	29.3	28.7	29.6	
<= 0 °C	29.9	27.3	30	28.7	29.4	16.8	3.9	9.6	24.8	29.3	28.7	29.6	
< -2 °C	29.9	27.3	30	28.6	28.7	7.9	0.67	2.4	18.8	29.1	28.7	29.6	
< -10 °C	29.9	27.3	30	28.1	20.4	0.63	0	0	2	22	28.3	29.6	
< -20 °C	29.3	27.2	29	23.4	4.8	0	0	0	0	5.8	22.9	28	
< -30 °C	25.5	24.3	22.3	8.3	0	0	0	0	0	0.04	8.7	20.1	
Wind:													
Mean Wind Speed (km/h)	7.1	6.4	7.1	7.8	8.6	8.6	9.7	10.3	11.7	13.8	9.5	7.8	
Most Frequent Direction	S	S	S	S	S	SW	NE	NE	SE	SE	S	S	
Maximum Hourly Speed	76	70	65	74	70	63	70	70	74	74	91	93	
Degree Days:													
Above 15 °C	0	0	0	0	0	0	0.1	0	0	0	0	0	
Above 10 °C	0	0	0	0	0	0.2	4	0.4	0	0	0	0	
Above 5 °C	0	0	0	0	0.1	6.2	46.5	18.1	0.5	0	0	0	
Above 0 °C	0	0	0	0	1.9	73.7	184.9	130.6	24.5	0.3	0	0	
Below 0 °C	1004.1	960.3	935.7	662.9	307.2	19.9	0	0.7	64.5	352.8	671.4	890.2	
Below 5 °C	1159.1	1101.8	1090.7	812.8	460.3	102.4	16.6	43.2	190.5	507.5	821.4	1045.2	
Below 10 °C	1314.1	1243.3	1245.7	962.8	615.3	246.4	129.1	180.5	340	662.5	971.4	1200.2	
Below 15 °C	1469.1	1384.8	1400.7	1112.8	770.3	396.2	280.3	335.1	490	817.5	1121.4	1355.2	
Below 18 °C	1562.1	1469.7	1493.7	1202.8	863.3	486.2	373.1	428.1	580	910.5	1211.4	1448.2	

Note:

1. Environment Canada, 2004.

Table 8 - Hall Beach A Climate Normals (1971-2000)

Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-31.8	-33.2	-29.2	-20.4	-9	0.7	6.1	4.7	-0.3	-9.5	-20.2	-27.5	-14.1
Daily Maximum (°C)	-27.8	-29.2	-24.7	-15.2	-4.8	3.3	9.4	7.4	1.6	-6.3	-16	-23.4	-10.5
Daily Minimum (°C)	-35.7	-37.2	-33.7	-25.6	-13.2	-1.9	2.8	1.8	-2.2	-12.6	-24.3	-31.5	-17.8
Precipitation:													
Rainfall (mm)	0	0	0	0.2	1.1	13.6	28.1	41.2	17	1	0.1	0	102.3
Snowfall (cm)	7.3	4.1	9.8	13.5	15.8	7.1	0.2	3.7	13	22.7	16.5	10.4	124
Precipitation (mm)	7	3.9	9.1	12.4	15.4	20.6	28.4	44.6	30.1	20.9	15	9.5	216.7
Average Snow Depth (cm)	31	33	37	41	42	20	0	0	1	10	22	28	22
Median Snow Depth (cm)	31	32	36	41	42	20	0	0	0	10	22	27	22
Days with Maximum Temperature													
<= 0 °C	31	28.3	31	29.8	26.8	4.4	0	0.07	8.3	29.1	30	30.9	
> 0 °C	0.03	0	0.03	0.23	4.2	25.6	31	30.9	21.7	1.9	0	0.07	
> 10 °C	0	0	0	0.03	0	1.7	12.3	6.6	0.38	0	0	0	
> 20 °C	0	0	0	0	0	0.07	0.23	0.13	0	0	0	0	
Days with Minimum Temperature													
> 0 °C	0	0	0	0	0.03	9.6	29.7	26.2	7.6	0.1	0	0	
<= 2 °C	31	28.3	31	30	31	27.8	12	18	28.8	31	30	31	
<= 0 °C	31	28.3	31	30	31	20.4	1.3	4.8	22.4	30.9	30	31	
< -2 °C	31	28.3	31	29.9	29.4	10.6	0.03	0.6	12.9	29.5	30	31	
< -10 °C	30.9	28.3	31	28.8	20	1.4	0	0	0.66	18.6	28.6	30.7	
< -20 °C	30.3	27.9	29.7	23.5	5.9	0.1	0	0	0	5.2	22.3	28.5	
< -30 °C	25.1	24.5	22.7	9.3	0	0	0	0	0	0.14	6.8	20.2	
Wind:													
Mean Wind Speed (km/h)	21.2	21.3	20.4	20.4	19.6	17.2	16.2	18.7	21.1	24	22.9	20.7	20.3
Most Frequent Direction	W	NW	NW	W	NW	NW	W	W	NW	W	W	W	W
Maximum Hourly Speed	85	97	89	74	89	85	70	69	89	106	85	85	
Degree Days:													
Above 15 °C	0	0	0	0	0	0	0	0.1	0	0	0	0	
Above 10 °C	0	0	0	0	0	0.7	5.5	1.9	0	0	0	0	
Above 5 °C	0	0	0	0	0	6.5	54.1	26.7	0.9	0	0	0	
Above 0 °C	0	0	0	0.1	0.6	51.1	189.4	144.9	31.5	0.4	0	0	
Below 0 °C	985.2	938.8	902.2	612	279.4	30.3	0	0.5	40.4	294.2	605.8	851.2	
Below 5 °C	1140.2	1080.1	1057.2	761.9	433.9	135.7	19.7	37.3	159.8	448.8	755.8	1006.2	
Below 10 °C	1295.2	1221.4	1212.2	911.9	588.9	279.9	126.1	167.6	309	603.8	905.8	1161.2	
Below 15 °C	1450.2	1362.8	1367.2	1061.9	743.9	429.2	275.6	320.7	459	758.8	1055.8	1316.2	
Below 18 °C	1543.2	1447.6	1460.2	1151.9	836.9	519.2	368.6	413.6	549	851.8	1145.8	1409.2	

Note:

1. Environment Canada, 2004.

Table 9 - Igloolik Climate Normals (1971-2000)

Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-30.6	-31.2	-28	-19.3	-8.3	1.6	7	4.9	-0.4	-8.9	-19.5	-26.1	
Daily Maximum (°C)	-27.2	-27.7	-24.3	-15.1	-4.7	4.3	10.7	7.8	1.5	-6.4	-16	-22.6	
Daily Minimum (°C)	-34.2	-34.9	-31.8	-23.4	-11.9	-1.2	3.3	2	-2.2	-11.3	-23	-29.6	
Precipitation:													
Rainfall (mm)	0	0	0	0.1	0.1	11.7	30.7	43.8	15.5	0.7	0	0	102.5
Snowfall (cm)	13.2	9	15.4	16.3	23.3	6.5	0.1	4.5	15.3	32.4	30.1	17.1	183.1
Precipitation (mm)	13.4	9	15.4	16.4	23.4	18.2	30.8	48.3	30.8	33.1	30.1	17.1	285.9
Average Snow Depth (cm)													
Median Snow Depth (cm)													
Days with Maximum Temperature													
<= 0 °C			31	29.7	25.6	3	0	0.14	10.3	30	30	31	
> 0 °C			0	0.27	5.4	27	31	30.9	19.7	1	0	0	
> 10 °C			0	0	0	2.1	15.8	6.6	0.22	0	0	0	
> 20 °C			0	0	0	0	0.22	0.14	0	0	0	0	
Days with Minimum Temperature													
> 0 °C	0	0	0	0	0.17	10.2	28.2	24.8	6.1	0.04	0	0	69.6
<= 2 °C	31	28.3	31	30	31	26.4	12.3	18.3	28.9	31	30	31	329.2
<= 0 °C	31	28.3	31	30	30.8	19.7	2.8	6.2	23.9	31	30	31	295.7
< -2 °C	31	28.3	31	29.9	29.5	8.2	0	0.36	12.7	29.8	30	31	261.7
< -10 °C	31	28.3	31	28.4	17.8	0.96	0	0	0.22	16.6	28.7	30.6	213.4
< -20 °C	30.3	28.1	29.3	20.8	3	0	0	0	0	2.7	20.8	28.1	163.1
< -30 °C	24.7	23.3	19.4	5.8	0	0	0	0	0	0.09	3.9	16.1	93.3
Wind:													
Mean Wind Speed (km/h)	15.4	14.9	15.5	15.9	16	14.2	12.7	15.7	17.5	19.8	18	15.9	
Most Frequent Direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW
Maximum Hourly Speed	58	52	67	83	69	61	56	67	74	93	72	70	
Degree Days:													
Above 15 °C			0	0	0	0	0	0	0	0	0	0	
Above 10 °C			0	0	0	0.1	11	1.4	0	0	0	0	
Above 5 °C			0	0	0	8.5	75.6	29.4	1.1	0	0	0	
Above 0 °C			0	0.1	1.4	69.4	217.6	151.8	31.8	0.2	0	0	
Below 0 °C			865.8	577.7	257.9	21	0	0.5	42.3	276.5	585.8	788.7	
Below 5 °C			1020.8	727.6	411.5	110.1	13	33.1	161.6	431.3	735.8	943.7	
Below 10 °C			1175.8	877.6	566.5	251.7	103.5	160.1	310.5	586.3	885.8	1098.7	
Below 15 °C			1330.8	1027.6	721.5	401.6	247.5	313.7	460.5	741.3	1035.8	1253.7	
Below 18 °C			1423.8	1117.6	814.5	491.6	340.4	406.7	550.5	834.3	1125.8	1346.7	

Note:

1. Environment Canada, 2004.

Table 10 - Clyde A (Clyde River) Climate Normals (1971-2000)													
Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-28.1	-29.6	-27.2	-19	-8.5	0.7	4.4	3.9	0	-7.6	-17.5	-24.8	
Daily Maximum (°C)	-24.2	-25.6	-22.7	-14.1	-4.3	3.6	8.2	7.1	2.4	-4.5	-13.8	-21	
Daily Minimum (°C)	-31.9	-33.4	-31.5	-23.9	-12.7	-2.3	0.6	0.6	-2.4	-10.6	-21	-28.5	
Precipitation:													
Rainfall (mm)	0	0	0	0	0.4	3.6	16.1	24.8	7.3	0.3	0	0	52.6
Snowfall (cm)	9.5	7.4	8.3	17.4	19.4	13.5	6.2	7	29.4	43.9	25.9	15.1	202.7
Precipitation (mm)	8.8	6.3	7.4	15.6	17.7	16.5	22.3	31.4	33	37.7	22.9	13.5	233
Average Snow Depth (cm)	43	47	51	58	59	35	2	0	1	16	30	40	
Median Snow Depth (cm)	45	47	53	58	59	35	1	0	0	16	30	41	
Days with Maximum Temperature													
<= 0 °C	30.9	28.2	31	29.8	25.6	4.7	0	0.04	7.2	27.7	29.9	30.8	
> 0 °C	0.08	0	0	0.16	5.4	25.3	31	31	22.8	3.3	0.12	0.19	
> 10 °C	0	0	0	0.04	0	1.5	8.8	6.4	0.42	0.04	0	0	
> 20 °C	0	0	0	0	0	0	0.04	0	0	0	0	0	
Days with Minimum Temperature													
> 0 °C	0	0	0	0	0.03	4.9	17.7	18.5	5.1	0.1	0	0	46.3
<= 2 °C	30.2	27.8	30.6	29.2	29.9	27.5	24.1	24.2	28.1	30.1	28.9	29.6	340.1
<= 0 °C	30.2	27.8	30.6	29.2	29.9	23.6	12.6	11.9	23.9	30	28.9	29.6	308.1
< -2 °C	30.2	27.8	30.6	29.2	29.3	13.7	2.2	1.7	13.9	29.4	28.9	29.6	266.5
< -10 °C	30.1	27.8	30.6	28.5	19	0.55	0	0	0.63	15.4	27.8	29.6	209.9
< -20 °C	28.7	27.2	29.4	21.6	3.3	0	0	0	0	1.5	15.9	26.8	154.4
< -30 °C	19.4	20.6	19.3	4.4	0.03	0	0	0	0	0	2.1	12.4	78.3
Wind:													
Mean Wind Speed (km/h)	15	14	12.6	12.9	13.1	13	12.6	13.2	14	17.4	17.9	15.7	14.3
Most Frequent Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Maximum Hourly Speed	97	97	93	80	77	68	69	80	97	89	102	97	
Degree Days:													
Above 15 °C	0	0	0	0	0	0	0	0	0	0	0	0	
Above 10 °C	0	0	0	0	0	0.1	1.1	0.6	0	0	0	0	
Above 5 °C	0	0	0	0	0	3.3	26	17.1	1.6	0	0	0	
Above 0 °C	0	0	0	0.1	1.1	45.3	134.4	120.7	33	0.9	0	0	
Below 0 °C	868.9	830.2	842.8	575.5	268.3	27.4	0.3	0.3	33.9	234.8	530.3	766.7	
Below 5 °C	1023.9	971.4	997.8	725.4	422.2	135.4	47	51.8	152.5	389	680.3	921.7	
Below 10 °C	1178.9	1112.6	1152.8	875.4	577.2	282.2	177.1	190.2	300.9	544	830.3	1076.7	
Below 15 °C	1333.9	1253.8	1307.8	1025.4	732.2	432.1	331	344.7	450.9	699	980.3	1231.7	
Below 18 °C	1426.9	1338.5	1400.8	1115.4	825.2	522.1	424	437.7	540.9	792	1070.3	1324.7	

Note:

1. Environment Canada, 2004.

Table 11 - Nanasivik A Climate Normals (1971-2000)													
Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-29.2	-30.3	-27.8	-20	-10.7	-0.4	4.9	1.5	-5.6	-14.9	-22.7	-26.6	
Daily Maximum (°C)	-26.1	-27.5	-24.8	-16.6	-7.8	1.9	7.4	3.7	-3.7	-12.5	-19.9	-23.7	
Daily Minimum (°C)	-32.1	-33.1	-30.8	-23.4	-13.5	-2.8	2.5	-0.8	-7.4	-17.2	-25.4	-29.4	
Precipitation:													
Rainfall (mm)	0	0	0	0	0	7	27.5	22.5	4.4	0	0	0	
Snowfall (cm)	4.4	3.8	6.4	9.8	16.9	15.7	7.6	17.3	36.9	31.2	15.8	7.3	
Precipitation (mm)	7.6	3.9	6.6	9.8	17.2	23.5	35.3	40.9	43.5	30.9	16	7.3	
Average Snow Depth (cm)													
Median Snow Depth (cm)													
Days with Maximum Temperature													
<= 0 °C		28.2	31	30	28	10.8	1.4	6.2	24.6	30.9	30	31	
> 0 °C		0.06	0	0	3	19.2	29.6	24.8	5.4	0.07	0.05	0	
> 10 °C		0	0	0	0	1.1	8.3	1	0	0	0.05	0	
> 20 °C		0	0	0	0	0	0	0	0	0	0.05	0	
Days with Minimum Temperature													
> 0 °C		0	0	0	0.38	6.1	21	12	1	0	0	0	
<= 2 °C		28.3	31	30	30.4	27.1	15.6	25	29.7	30.9	30	31	
<= 0 °C		28.3	31	30	30.1	23.8	9.8	18.7	28.8	30.9	30	31	
< -2 °C		28.3	31	30	29.3	16	3	9.8	26.8	30.8	30	31	
< -10 °C		28.3	31	29.1	22.3	1.1	0	0	8.5	28.9	29.9	31	
< -20 °C		27.6	29.4	20.4	3.3	0	0	0	0	9.7	24.6	29	
< -30 °C		19.1	17.9	4.4	0	0	0	0	0	0.2	5.2	14.5	
Wind:													
Mean Wind Speed (km/h)													
Most Frequent Direction	SE	SE	SE	SE	SE	S	E	SE	SE	E	SE	SE	SE
Maximum Hourly Speed	94	141	96	96	109	89	74	93	85	100	89	94	
Degree Days:													
Above 15 °C		0	0	0	0	0	0	0	0		0	0	
Above 10 °C		0	0	0	0	0.2	3.6	0	0		0	0	
Above 5 °C		0	0	0	0	5.6	48.4	6.8	0		0	0	
Above 0 °C		0	0	0	2.4	38	160.2	72.1	5.3		0	0	
Below 0 °C		844.7	867.9	594.8	331.3	55.6	3.8	18.7	172.1		682.7	829.4	
Below 5 °C		986	1022.9	744.8	484	173.2	47.1	108.4	316.8		832.7	984.4	
Below 10 °C		1127.2	1177.9	894.8	638.9	317.8	157.2	256.6	466.8		982.7	1139.4	
Below 15 °C		1268.5	1332.9	1044.8	793.9	467.6	308.6	411.6	616.8		1132.7	1294.4	
Below 18 °C		1353.2	1425.9	1134.8	886.9	557.6	401.6	504.6	706.8		1222.7	1387.4	

Note:

1. Environment Canada, 2004.

Table 12 - Dewar Lakes Climate Normals (1971-2000)													
Temperature	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Daily Average (°C)	-26.8	-28.6	-26.6	-19.5	-9.7	-0.1	5.6	3.4	-2.9	-11.1	-18.8	-24.9	-13.3333
Daily Maximum (°C)	-23.4	-25.3	-23.2	-16.2	-6.7	2.6	8.7	6.2	-0.8	-8.3	-15.6	-21.7	
Daily Minimum (°C)	-30.3	-32	-29.9	-22.9	-12.6	-2.8	2.4	0.7	-5	-13.8	-21.9	-28.2	
Precipitation:													
Rainfall (mm)	0	0	0	0	0.5	8.2	45.2	54.4	7.4	0	0	0	
Snowfall (cm)	5.5	4.1	7.2	12.4	23.9	12.8	3.1	9.9	27.3	35.6	17	7.3	
Precipitation (mm)	5.5	4.1	7.2	12.4	24.4	21.1	48.3	64.1	34.7	35.7	17	7.3	
Average Snow Depth (cm)	49	50	51	52	48	20	1	0	6	32	42	44	33
Median Snow Depth (cm)	49	50	51	51	48	19	1	0	5	32	41	44	33
Days with Maximum Temperature													
<= 0 °C		28.2		30	29.2	9.8	0.2	1.1	19.6	30.6	30	31	
> 0 °C		0		0	1.8	20.2	30.8	30	10.4	0.45	0	0	
> 10 °C		0		0	0	2.7	12	4.2	0.05	0	0	0	
> 20 °C		0		0	0	0	0.25	0	0	0	0	0	
Days with Minimum Temperature													
> 0 °C	0	0	0	0	0.19	6.9	22.9	17	1.7	0	0	0	
<= 2 °C	31	28.3	31	30	31	26.4	15.9	21.5	29.8	31	30	31	
<= 0 °C	31	28.3	31	30	30.8	23.1	8.1	14.1	28.3	31	30	31	
< -2 °C	31	28.3	31	30	30.4	17	1.3	3.9	23.9	30.8	30	31	
< -10 °C	30.9	28.3	30.8	29.5	22.9	1.2	0	0	3.4	21.8	29.2	30.8	
< -20 °C	28.8	27.1	28.5	20.5	1.6	0	0	0	0	5.2	18.2	27.1	
< -30 °C	17.2	18.3	17	4	0	0	0	0	0	0.15	2.2	13.1	
Wind:													
Mean Wind Speed (km/h)													
Most Frequent Direction	NE	NE	E	E	E	SE	E	E	E	S	NE	E	NE
Maximum Hourly Speed	129	145	97	105	120	93	97	105	111	113	113	129	
Degree Days:													
Above 15 °C		0		0	0	0	0.2	0	0	0	0	0	
Above 10 °C		0		0	0	0.4	7.5	0.8	0	0	0	0	
Above 5 °C		0		0	0	10.4	54.1	20.2	0.2	0	0	0	
Above 0 °C		0		0	1.4	52.9	171.4	113.2	11.7	0	0	0	
Below 0 °C		806.8		594.7	303.3	54.2	1	4.8	104.2	340.1	563.7	761.5	
Below 5 °C		947.8		744.7	456.9	161.6	38.7	66.9	242.7	495.1	713.7	916.5	
Below 10 °C		1088.8		894.7	611.9	301.6	147.2	202.5	392.5	650.1	863.7	1071.5	
Below 15 °C		1229.8		1044.7	766.9	451.2	294.9	356.7	542.5	805.1	1013.7	1226.5	
Below 18 °C		1314.4		1134.7	859.9	541.2	387.7	449.7	632.5	898.1	1103.7	1319.5	

Note:

1. Environment Canada, 2004.

Table 13: Representative Temperatures for the Project Area (°C) under Baseline Conditions

Month	Air Temperatures		
	Extreme Hourly Minimum	Mean Monthly	Extreme Hourly Maximum
January	-49.8	-32.4	3.7
February	-53.9	-34.1	21.5
March	-49	-30.3	25.7
April	-40.2	-22.1	3.9
May	-28.4	-9.9	12.1
June	-11.6	4.2	17.9
July	-3.7	8.4	24.4
August	-3.7	6.6	20.9
September	-16.4	-1.4	11.9
October	-30.1	-11.4	6.5
November	-42	-22.4	2
December	-45.5	-28.7	-1.7
Annual	-53.9	-15.1	25.7

Note: Temperature data based on measurements from Pond Inlet from 1971 – 2000. Temperatures have been corrected upward of 2.4°C during the summer months.

Table 14a: Representative Precipitation for Mary River under Baseline Conditions

Month	Rainfall (mm)	Snowfall (cm)	Precipitation (mm)	Average Snow Depth (cm)	Extreme Daily Rainfall (mm)	Extreme Daily Snowfall (cm)	Extreme Daily Precipitation (mm)	Extreme Snow Depth (cm)
January	0	7.3	7.0	19-49	0.5	8.0	8.0	71.0
February	0	4.1	3.9	18-50	0	15.5	15.5	74.0
March	0	9.8	9.1	20-51	0	15.2	10.9	81.0
April	0.2	13.5	12.4	22-58	3.2	16.6	16.0	81.0
May	1.1	15.8	15.4	23-59	16.4	17.8	17.8	84.0
June	13.6	7.1	20.6	6-35	33.0	9.8	35.1	74.0
July	28.1	0.2	28.4	0-2	35.3	2.8	35.3	33.0
August	41.2	3.7	44.6	0	52.6	14.0	52.6	5.0
September	17.0	13	30.1	1-6	22.2	8.6	22.2	15.0
October	1	22.7	20.9	10-32	5.6	15.2	15.2	41.0
November	0.1	16.5	15.0	15-42	0.8	16.8	16.8	60.0
December	0	10.4	9.5	17-44	0.2	14.6	10.4	64.0
Annual	102.3	124.0	216.7	13-33	-	-	-	-

Notes:

1] Precipitation data from Hall Beach EC station from 1971 to 2000.

2] Average snow depth data ranges present the variability between four EC stations: Clyde River, Pond Inlet, Dewar Lakes, and Hall Beach from 1971 to 2000.

Table 14b: Representative Precipitation for Milne Inlet and Steensby under Baseline Conditions

Month	Rainfall (mm)	Snowfall (cm)	Precipitation (mm)	Average Snow Depth (cm)	Extreme Daily Rainfall (mm)	Extreme Daily Snowfall (cm)	Extreme Daily Precipitation (mm)	Extreme Snow Depth (cm)
January	0	10.3	9.6	19	0	16.8	17.9	33.5
February	0	7.3	6.7	18	0	14.8	9.8	35
March	0	12.8	11.7	20	0	11.3	9.8	37
April	0.1	15.1	13.6	22	0.3	27.8	20.9	54
May	0.2	18.8	16.5	23	11	23.5	19.7	41.5
June	11.7	5.9	17	6	17.4	11.1	17.4	26
July	30.6	0.3	31	0	25.6	3.4	25.6	3
August	38.4	4.2	42.6	0	25.9	22	28.5	5
September	12	16	25.8	2	20.5	13.8	20.5	17.5
October	1	32.6	28.3	10	12.5	22.8	22.2	27.5
November	0.2	26.3	23.1	16	5.5	38.7	36.2	33.5
December	0	14.5	12.8	17	0	14.8	11.2	40
Annual	102.5	183.1	285.9	13	-	-	-	-

Notes:

1] Precipitation data averaged from Pond Inlet and Igloolik EC stations from 1971 to 2000.

2] Average snow depth from Pond Inlet EC station from 1971 to 2000.

Table 15: Representative Wind Speeds for the Project Area under Baseline Conditions

Month	Average Wind Speed (m/s)			Maximum Hourly Speed (representative of all sites) (m/s)
	Mary River	Milne Inlet	Steensby	
January	3.01	3.75	4.95	27
February	2.67	3.45	4.78	27
March	3.41	6.83	5.29	26
April	3.05	4.26	4.84	23
May	3.53	3.86	4.36	25
June	5.02	5.35	4.69	24
July	3.86	5.51	4.11	19
August	3.62	5.34	4.03	22
September	4.15	4.94	5.62	27
October	3.79	5.06	5.90	29
November	3.26	4.50	4.42	28
December	2.98	4.24	4.29	27
Annual	3.01	3.75	4.95	29

<i>Table 16 - Mean Daily Global Solar Radiation (MJ/m²)</i>													
Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Hall Beach	0	2	6	15	21	23	20	13	7	3	1	0	9
Mary River	0	9	43	47	53	64	56	50	38	19	1	0	32
Milne Inlet	0	7	33	58	58	67	59	53	36	16	7	7	33
Steensby Inlet	1	13	46	42	44	54	52	45	34	15	2	0	29

Table 17 - Total Bright Sunshine (hours)												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pond Inlet	-	-	172.2	-	361.6	-	351.2	196.9	85.6	-	-	-
Clyde River	-	56.1	175.6	253.3	264.1	273.4	279	161.6	83.9	45.5	-	-

Table 18 - Regional and Local Summary of Average Relative Humidity (%)

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Pond Inlet	65.5	64.9	64.5	70.8	77.8	76.2	72.2	75.2	78.1	79.5	72.6	68.1
Hall Beach	69.3	68.1	73.3	79.2	85.6	86.4	79	80.6	84.7	85.9	80.2	73.2
Clyde River	65.1	63.6	63.6	71.2	81.1	83.5	78.5	80.1	80.8	81.6	74.8	67.5
Dewar Lakes	-	-	-	81.1	87.1	89.3	84.7	90.7	91.7	87.5	81	-
Mary River	70.0	67.7	67.0	71.2	74.0	73.3	67.8	70.1	76.7	83.5	75.9	68.6
Milne Inlet	73.9	72.6	71.1	78.0	80.5	77.5	70.4	75.5	80.8	86.6	80.6	74.6
Steensby Inlet	73.8	70.8	72.4	77.0	83.5	85.3	78.3	77.3	79.4	86.9	83.8	75.4

Table 19: Mean Daily Evapotranspiration for Hall Beach, 1982 to 1986

	Mean Daily Evapotranspiration (mm/day)							
	March	April	May	June	July	August	September	Average
Hall Beach	0.1	0.3	0.7	1.5	2.2	1.3	0.5	0.9

Note: Evapotranspiration calculated from FAO Penman-Monteith method using meteorological data from Hall Beach from 1982 to 1986.

Table 20: Mean Monthly Evapotranspiration for Hall Beach, 1982 to 1986

	Mean Monthly Evapotranspiration (mm)							
	March	April	May	June	July	August	September	Total
Hall Beach	2	6	21	44	67	39	15	193

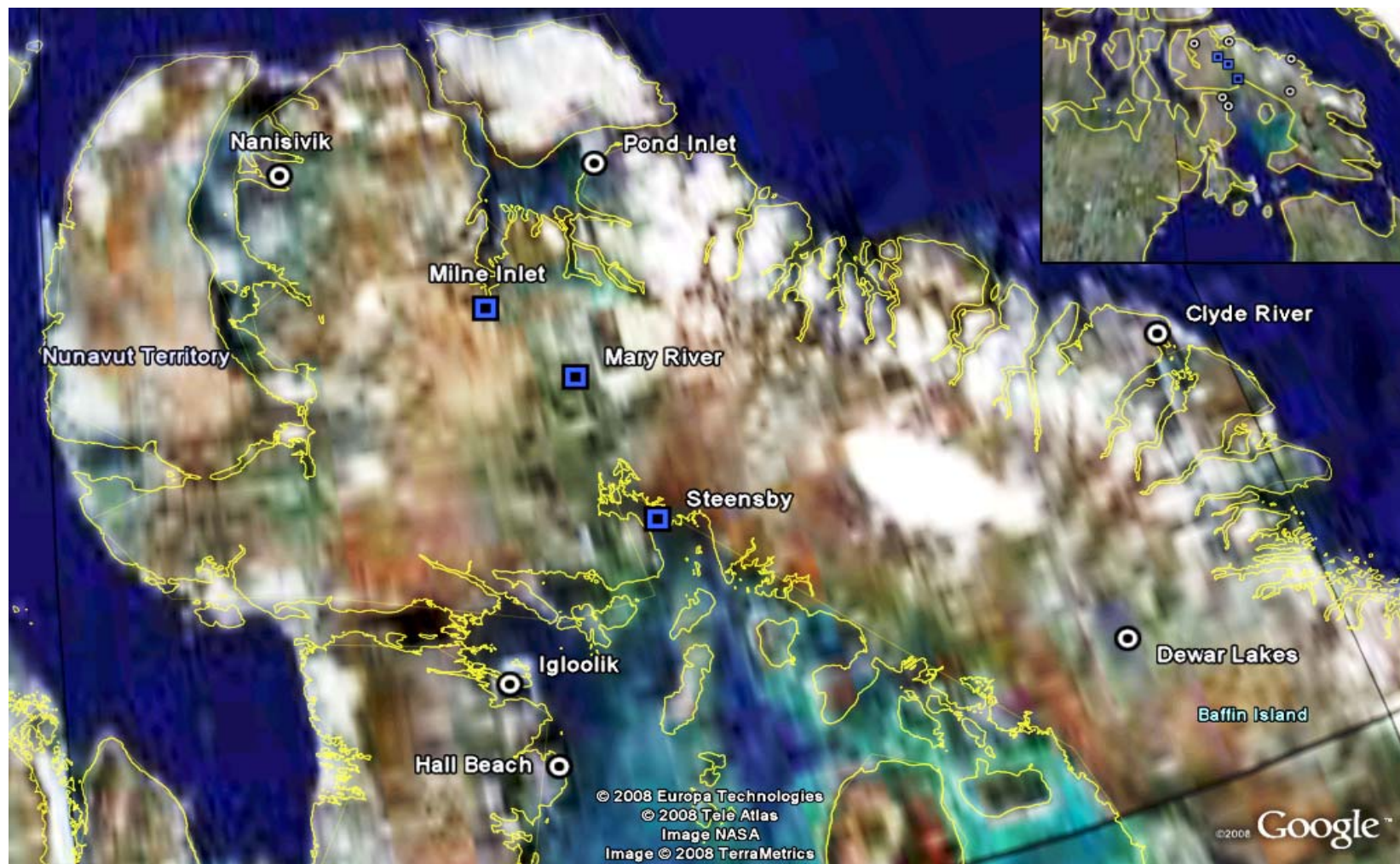
Note: Evapotranspiration calculated from FAO Penman-Monteith method using meteorological data from Hall Beach from 1982 to 1986.

Table 21: Extreme Precipitation Events at Environment Canada Station Locations

	Pond Inlet	Hall Beach	Igloolik	Clyde River	Nanisivik	Dewar Lakes
Extreme Rainfall Events						
Average Days with Rainfall >= 25 mm / Year	0.08	0.24	0.13	0.07	0.1	0.25
Return Period (Years)	13	4	8	14	10	4
Extreme Snowfall Events						
Average Days With Snowfall >= 25 mm / Year	0.04	0	0.18	0.27	0.2	0.1
Return Period (Years)	25	-	6	4	5	10
Extreme Precipitation Events						
Average Days with Precipitation >= 25 mm / Year	0.09	0.24	0.35	0.26	0.41	0.4
Return Period (Years)	11	4	3	4	2	3

Note: Average Days per Year and Return Periods taken / calculated from Environment Canada Climate Normals (1971 - 2000).

FIGURES



Notes:

- - Baffinland Meteorological Stations
- - Environment Canada Meteorological Stations

Baffinland Meteorological Station Locations

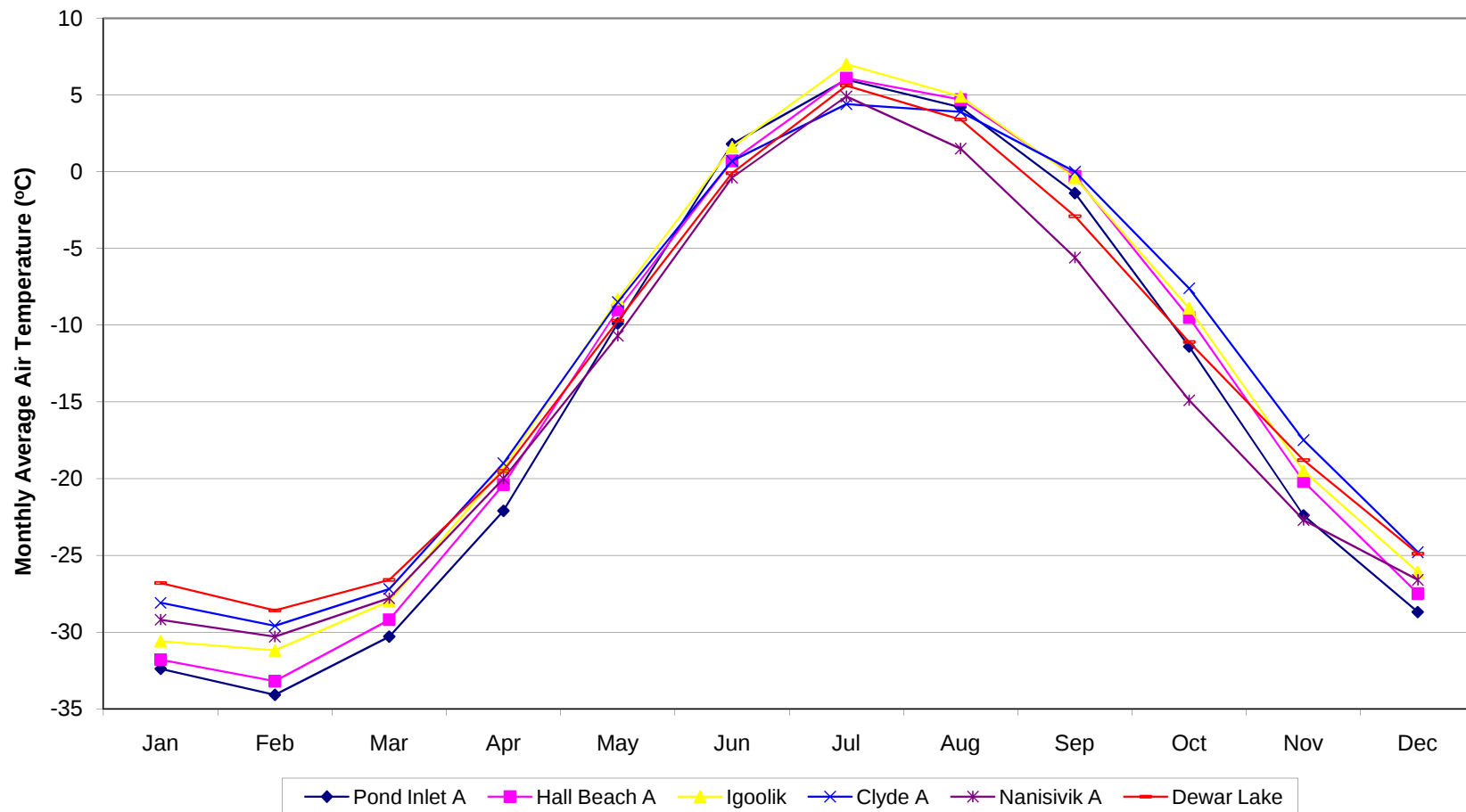
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 1

Date: Oct. 20, 2010

RWDI



Notes:

1. Regional Climate Stations are monthly averages between 1971 and 2000.

Average Monthly Temperature

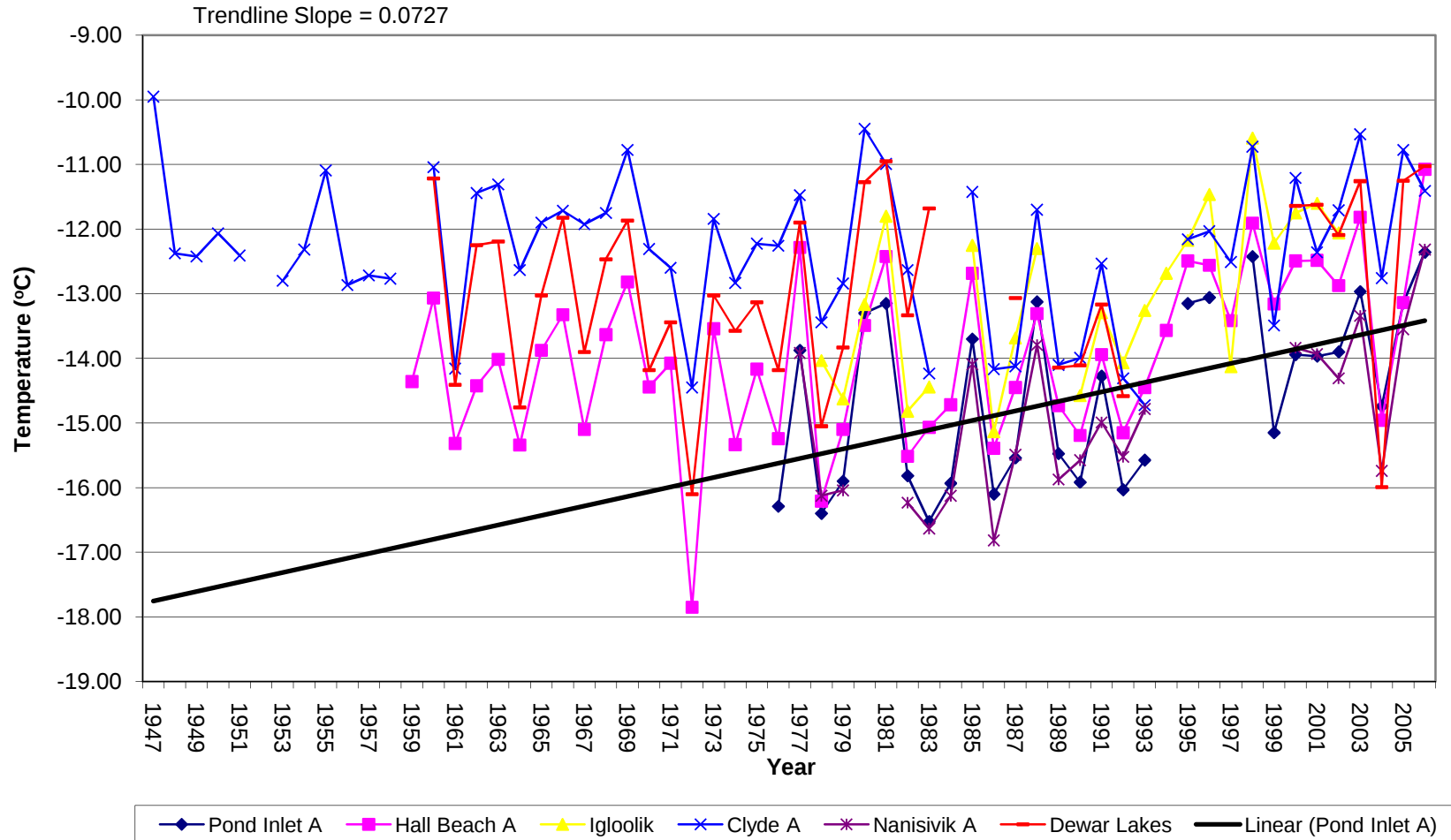
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 2

Date: Oct. 20, 2010





Notes:

1. Regional Climate Stations are monthly averages between 1947 and 2006.

Annual Mean Temperature

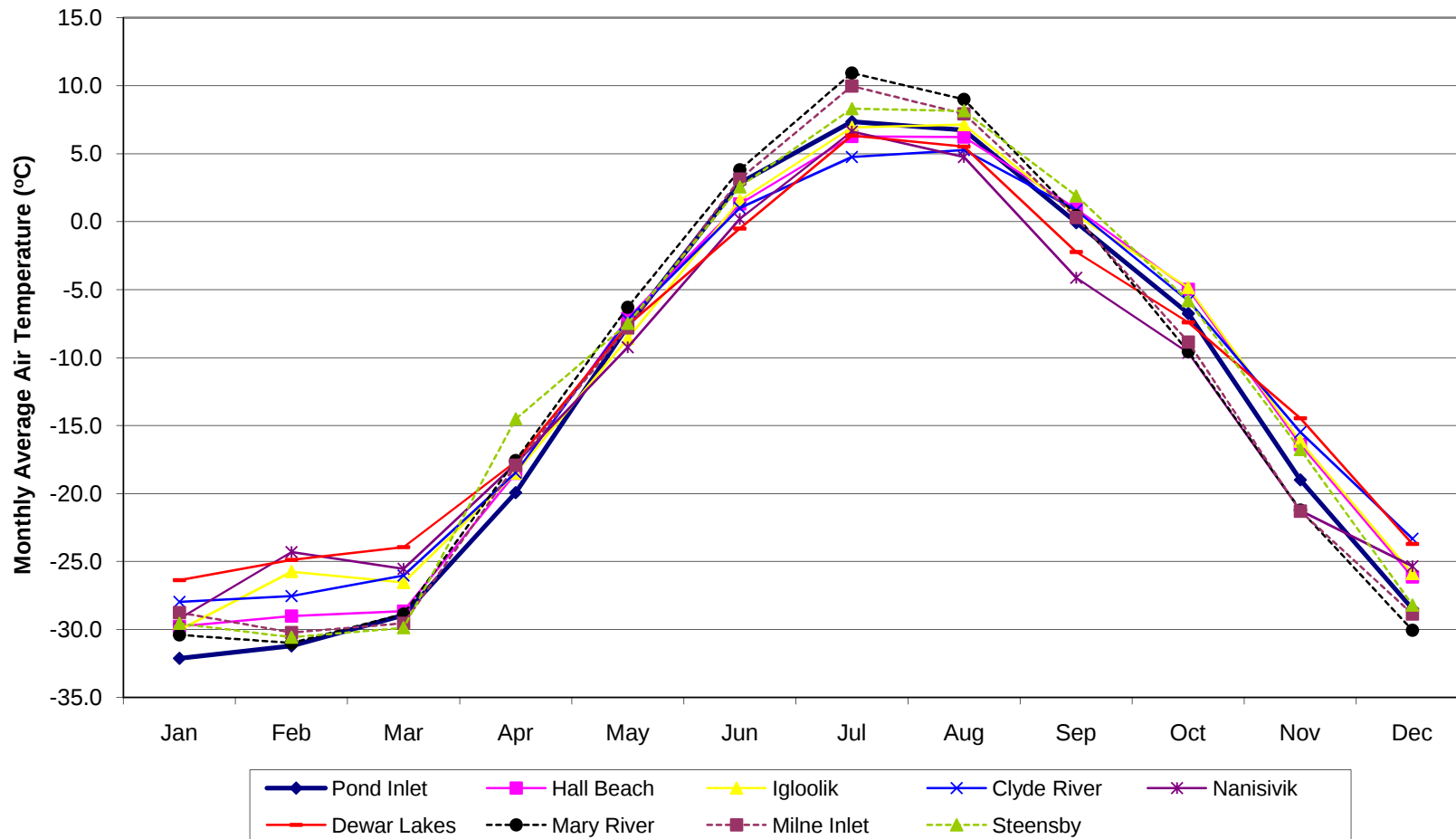
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 3

Date: Oct. 20, 2010

RWDI



Notes:

1. Mary River data collected on site during the summer months of 2005 and from June 2006 through to July 7, 2010.
2. Milne Inlet and Steensby data collected from June 2006 to July 7, 2010.
3. Regional Climate Stations are monthly averages between 2005 and 2008.

Average Monthly Temperature between 2005 and 2010

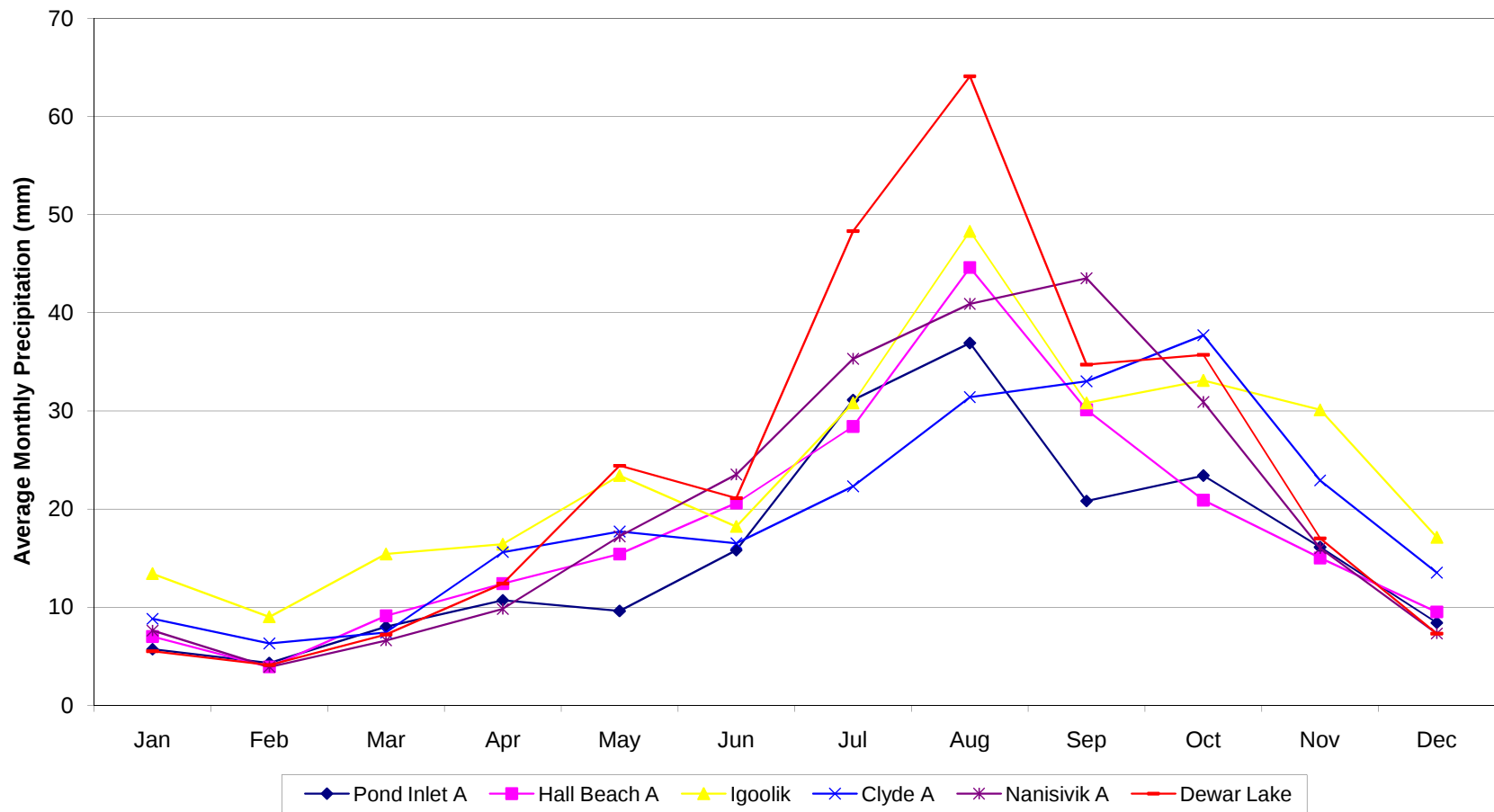
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 4

Date: Oct 12, 2010

RWDI



Notes:

1. Regional Climate Stations are monthly averages between 1971 and 2000.

Average Monthly Precipitation

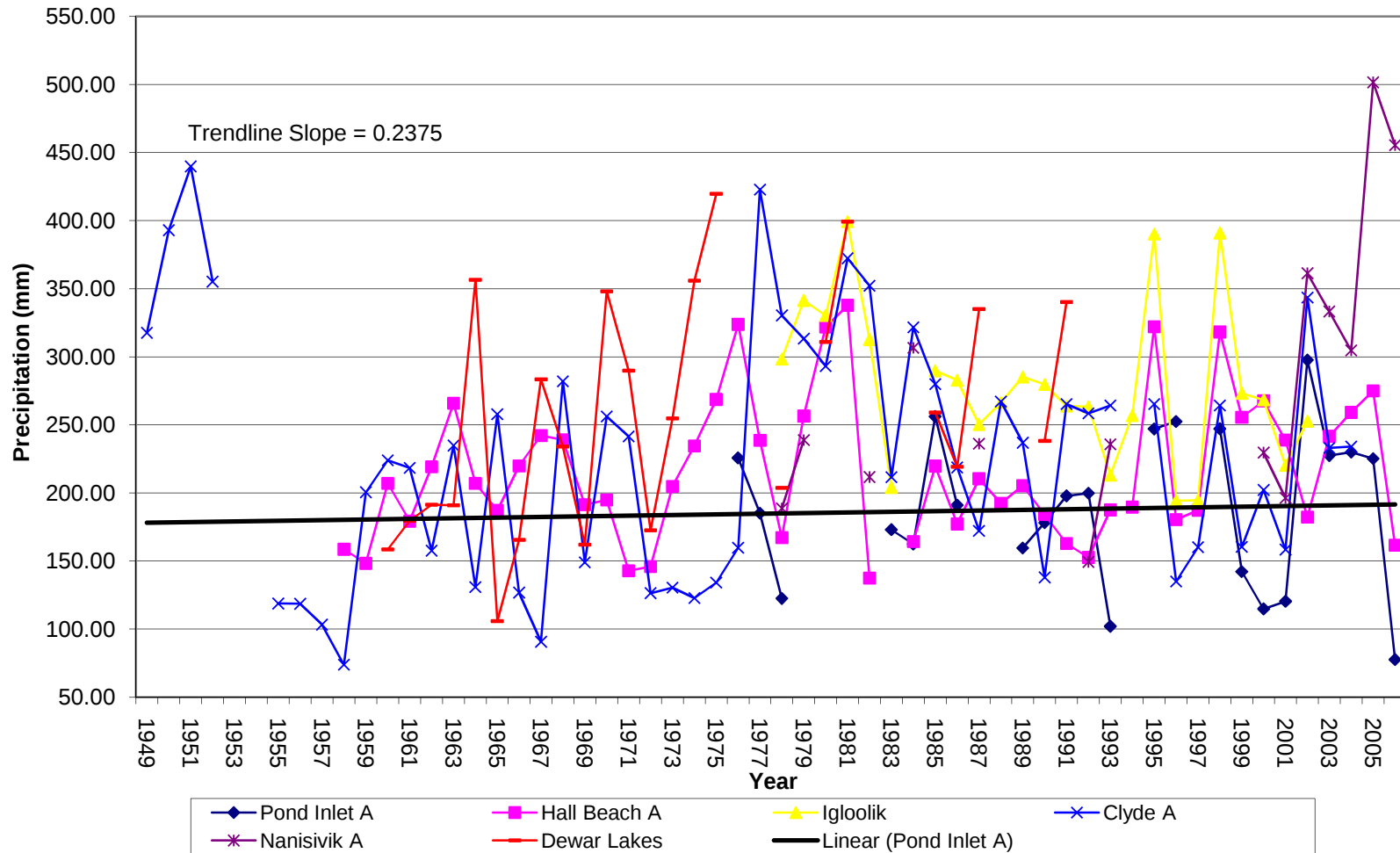
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 5

Date: Oct. 20, 2010

RWDI



Notes:

1. Regional Climate Stations are monthly averages between 1949 and 2006.

Annual Precipitation

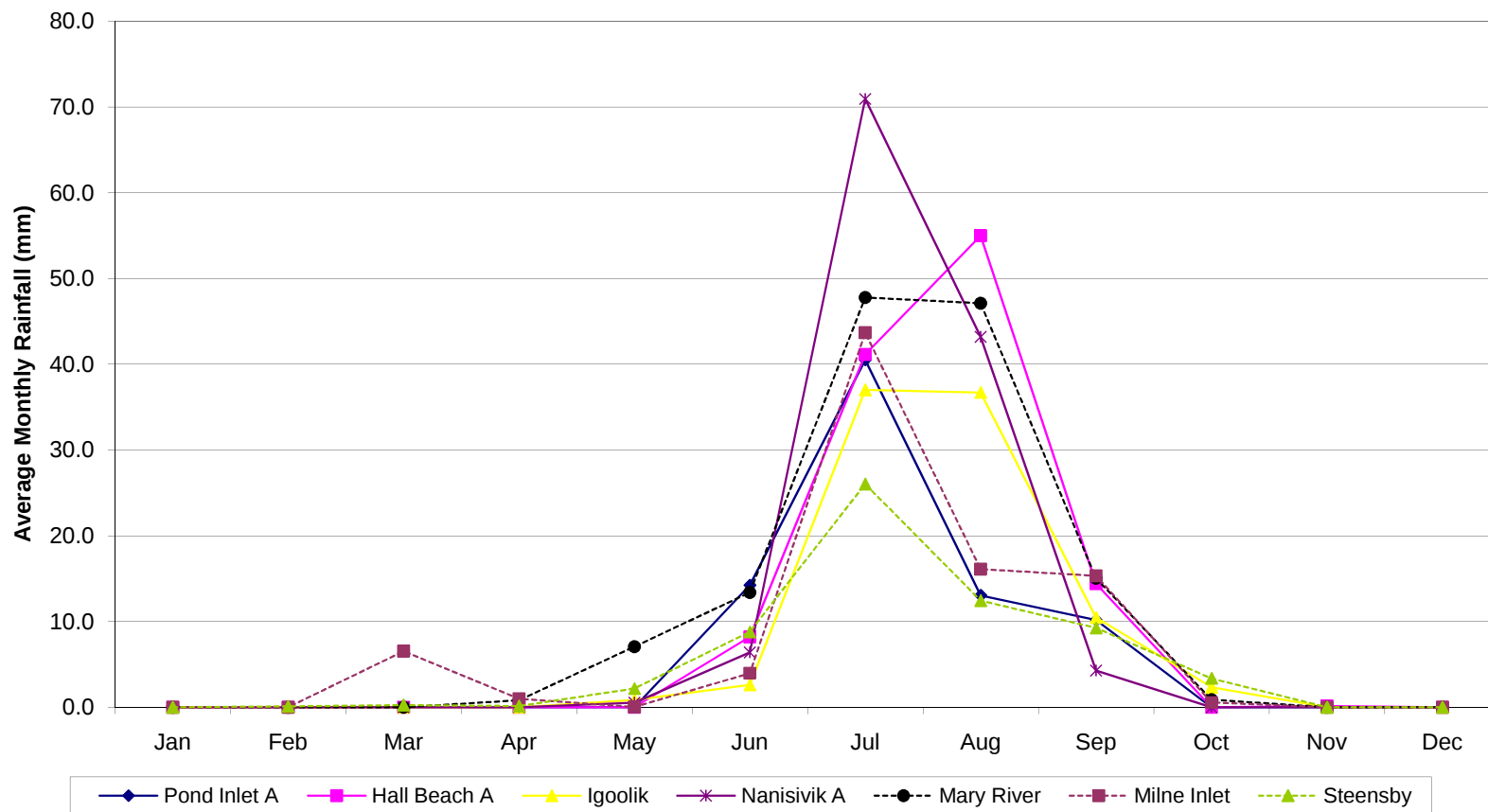
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 6

Date: Oct. 20, 2010

RWDI



Notes:

1. Mary River data collected on site during the summer months of 2005 and from June 2006 through to July 7, 2010.
2. Milne Inlet and Steensby data collected from June 2006 to July 7, 2010.
3. Regional Climate Stations are monthly averages between 2005 and 2008.

Average Monthly Rainfall between 2005 and 2010

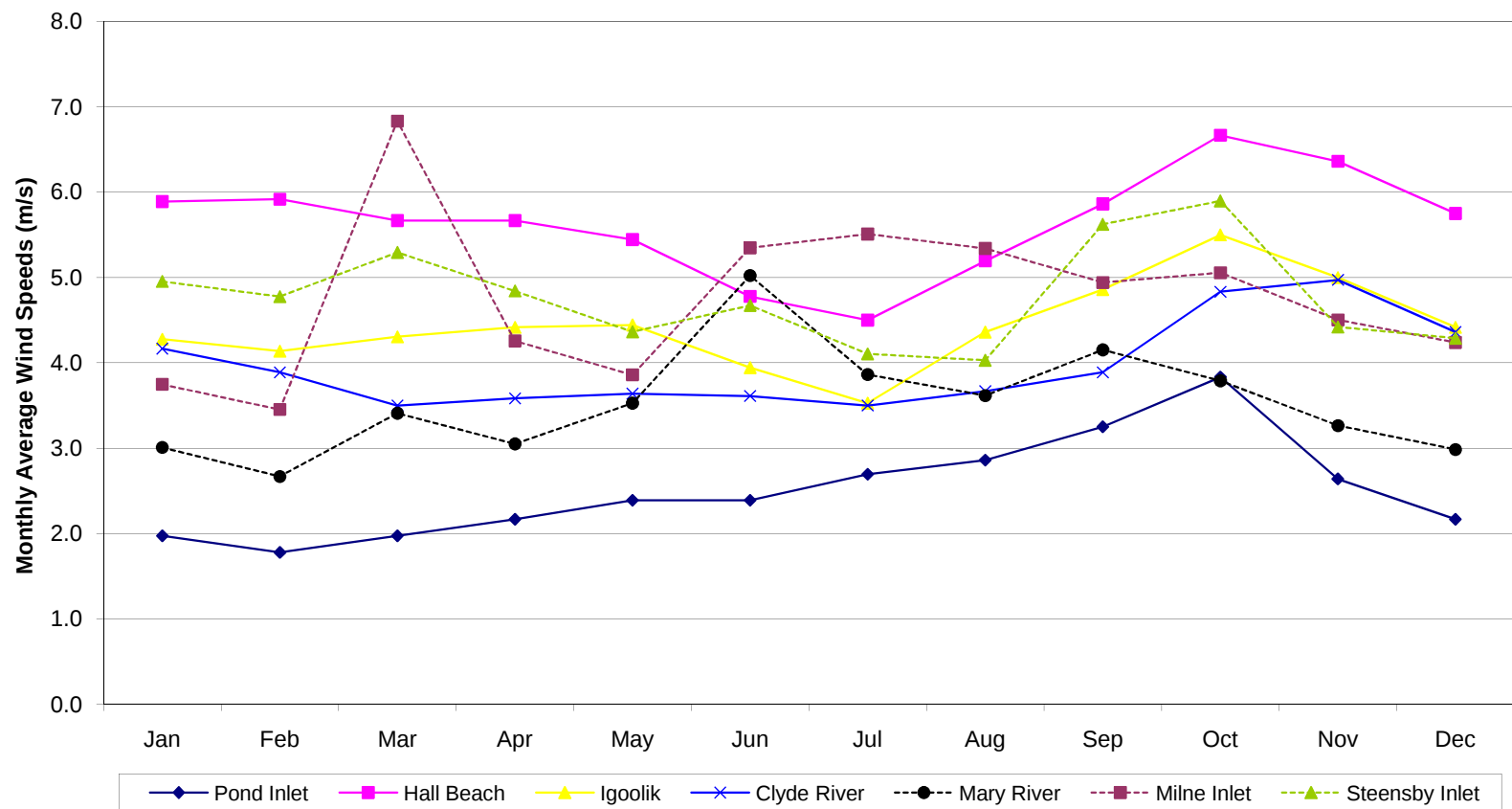
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 7

Date: Oct. 12, 2010

RWDI



Notes:

1. Mary River data collected on site during the summer months of 2005 and from June 2006 through to July 7, 2010.
2. Milne Inlet and Steensby data collected from June 2006 to July 7, 2010
3. Regional Climate Stations are monthly averages between 1971 and 2000.
4. There are no data for Nanisivik and Dewar Lakes.

Average Monthly Wind Speed

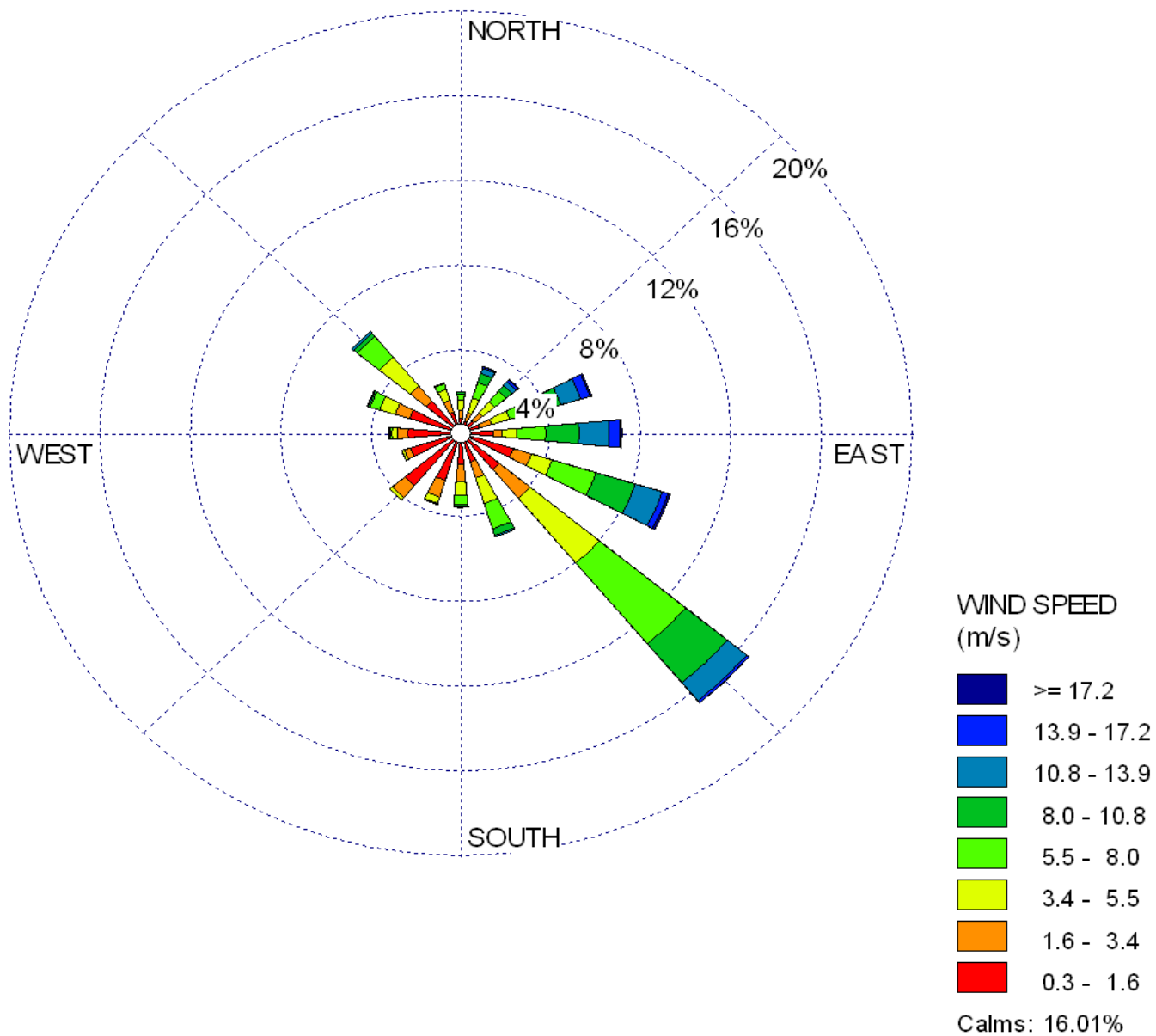
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 8

Date: Oct. 20, 2010

RWDI



Notes:

1. Mary River data collected on site during the summer months of 2005 and from June 2006 through to July 7, 2010.
2. Wind Speed data not available between Oct. 6, 2005 and June 2, 2006.

Wind Rose - Mary River Site

Baffinland Baseline Meteorology Assessment

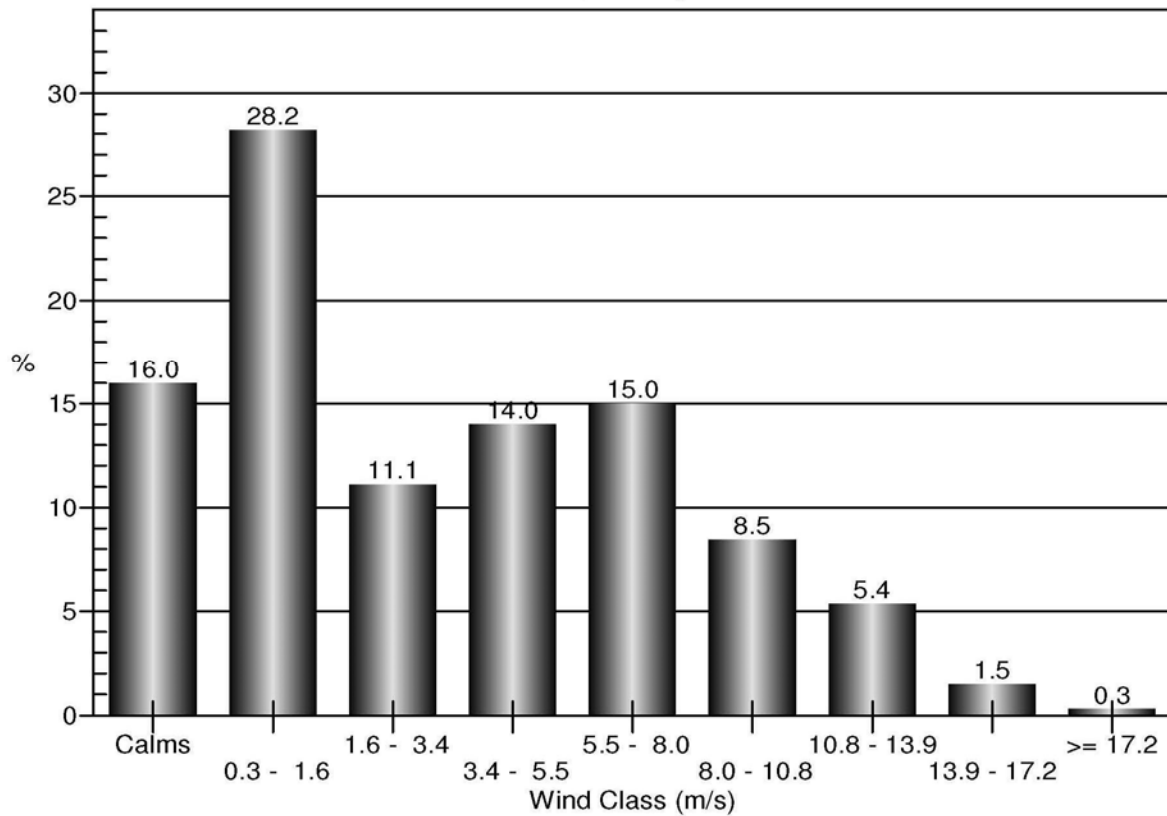
Project# 0940977

Figure No: 9

Date: Oct. 21, 2010

RWDI

Wind Class Frequency Distribution



m/s	Classification
0.0-0.3	Calm
0.3-1.6	Light Air
1.6-3.4	Light Breeze
3.4-5.5	Gentle Breeze
5.5-8.0	Moderate Breeze
8.0-10.8	Fresh Breeze
10.8-13.9	Strong Breeze
13.9-17.2	Near Gale
>17.2	Gale

Notes:

1. Mary River data collected on site during the summer months of 2005 and from June 2006 through to July 7, 2010.
2. Wind Speed data not available between Oct. 6, 2005 and June 2, 2006.
3. Classification taken from the World Meteorological Organization - Preliminary Seventh Edition

Wind Class Frequency Distribution - Mary River Site

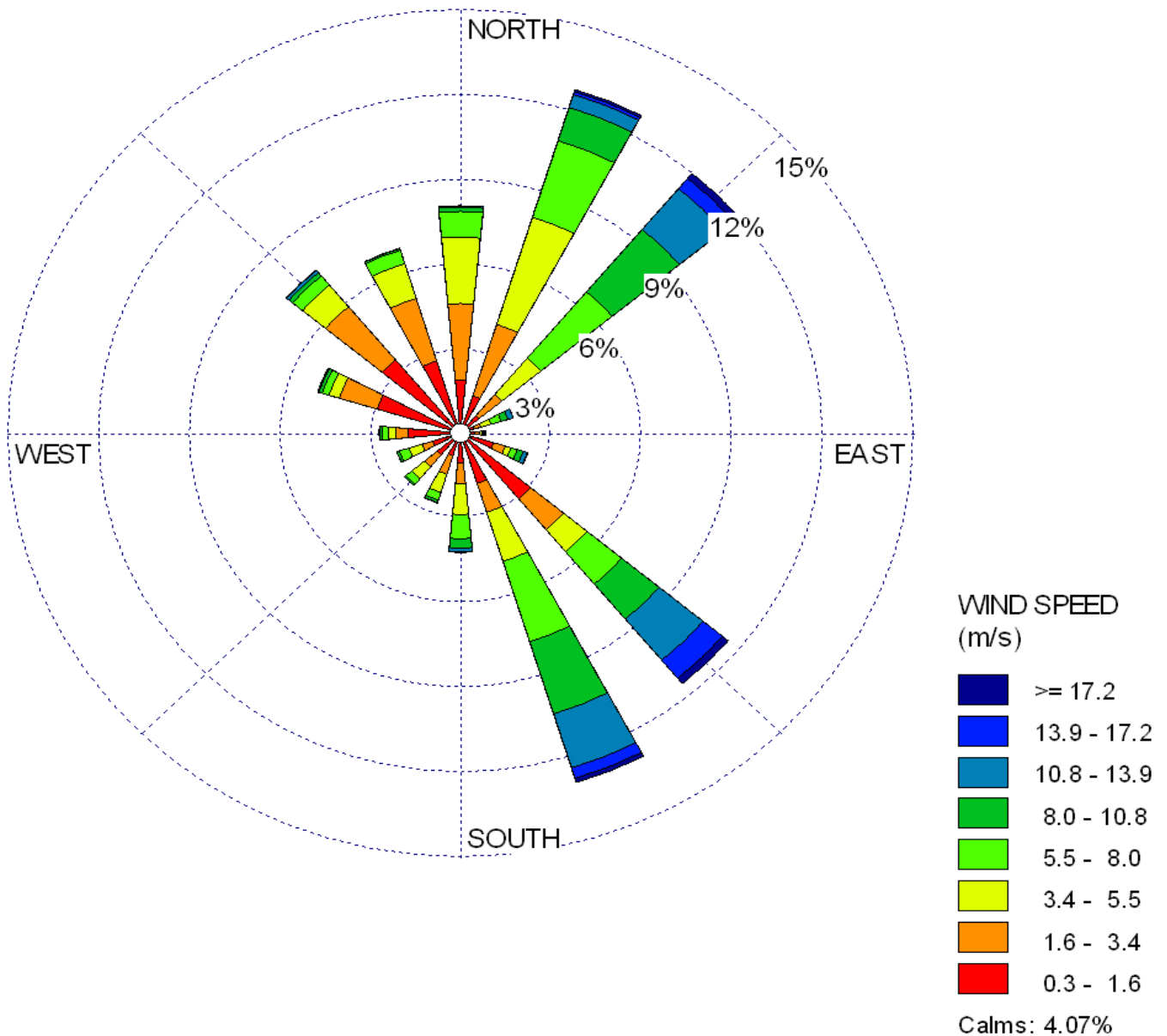
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 10

Date: Oct. 21, 2010

RWDI



Notes:

1. Milne Inlet data collected from June 2006 to July 7, 2010 (no data available after March 4, 2010).
2. No data available between Aug 18, 2009 - Sept 7, 2009 and Dec 27, 2009 - March 2, 2010.

Wind Rose - Milne Inlet Site

Baffinland Baseline Meteorology Assessment

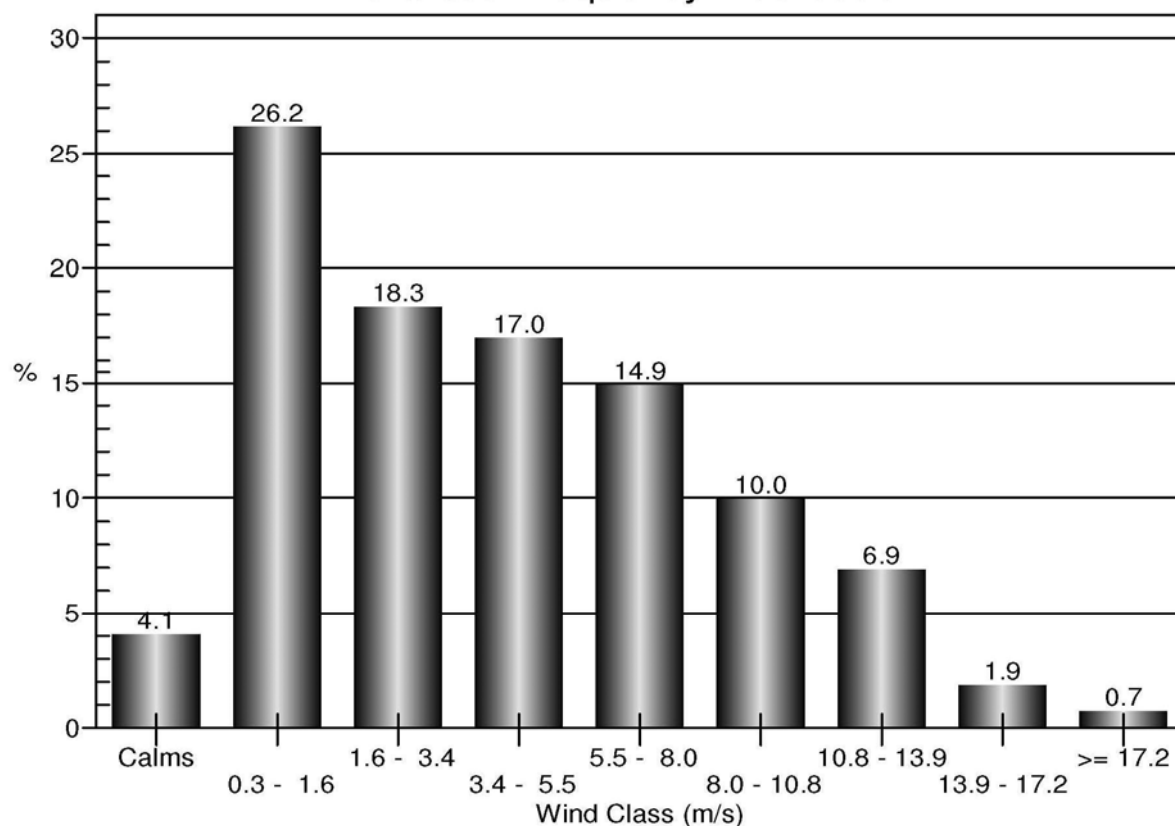
Project# 0940977

Figure No: 11

Date: Oct. 21, 2010

RWDI

Wind Class Frequency Distribution



m/s	Classification
0.0-0.3	Calm
0.3-1.6	Light Air
1.6-3.4	Light Breeze
3.4-5.5	Gentle Breeze
5.5-8.0	Moderate Breeze
8.0-10.8	Fresh Breeze
10.8-13.9	Strong Breeze
13.9-17.2	Near Gale
>17.2	Gale

Notes:

1. Milne Inlet data collected from June 2006 to July 7, 2010.
2. No data available between Aug 18, 2009 - Sept 7, 2009 and Dec 27, 2009 - March 2, 2010.
3. Classification taken from the World Meteorological Organization - Preliminary Seventh Edition

Wind Class Frequency Distribution - Milne Inlet Site

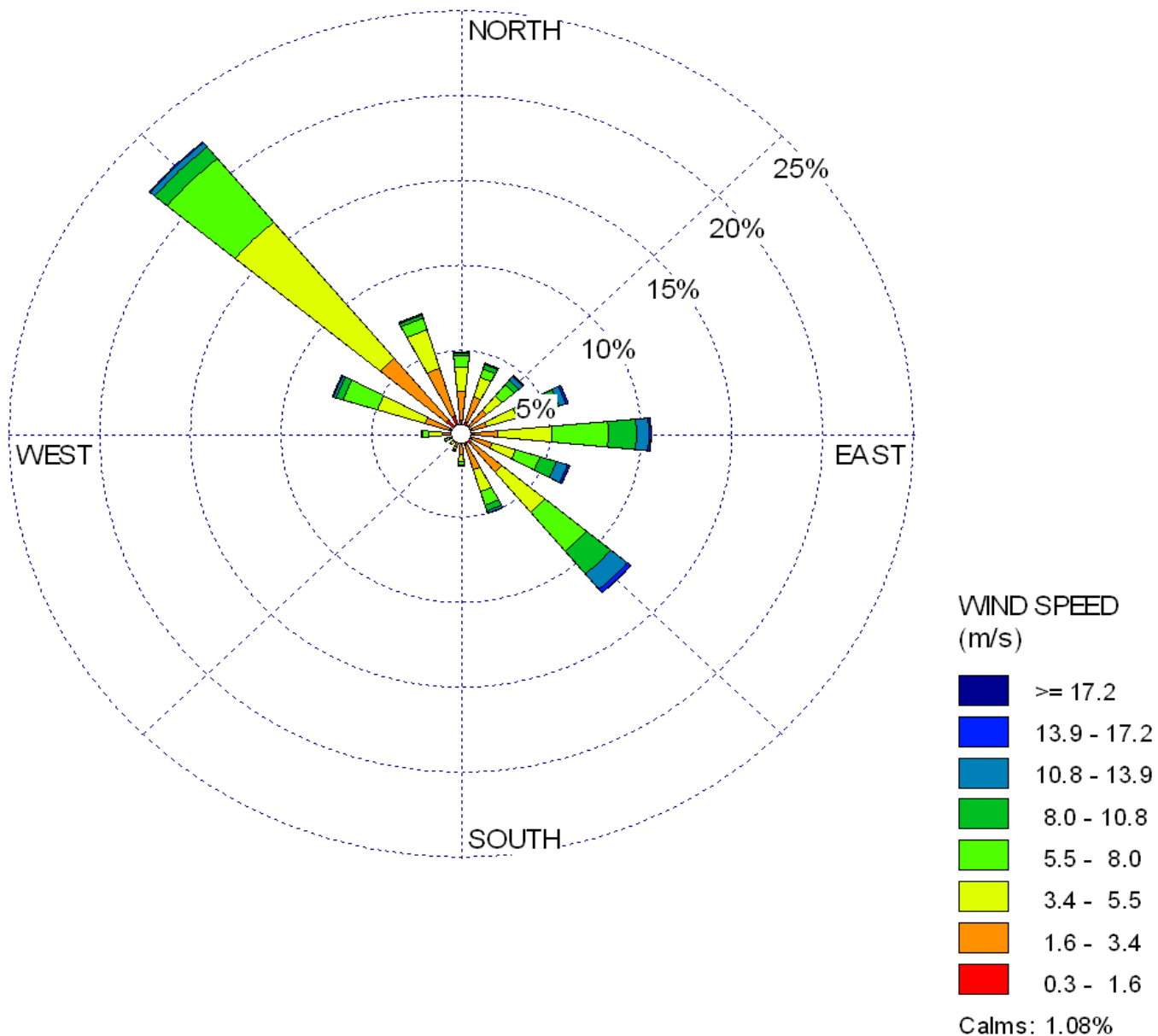
Figure No: 12

Baffinland Baseline Meteorology Assessment

Project# 0940977

Date: Oct. 21, 2010

RWDI



Notes:

1. Steensby data collected from June 2006 to July 7, 2010.
2. No data available between Aug 14, 2008 - Sept 19, 2008; Nov 19, 2008 - Feb 10, 2009; Aug 17, 2009 - Sept 22, 2009 and Nov 6, 2009 - Feb 10, 2010.
3. The meteorological station was moved on September 14, 2006.
4. No data is available for September 14 and 15, 2006 due to the relocation of the station 1km inland.

Wind Rose - Steensby Site

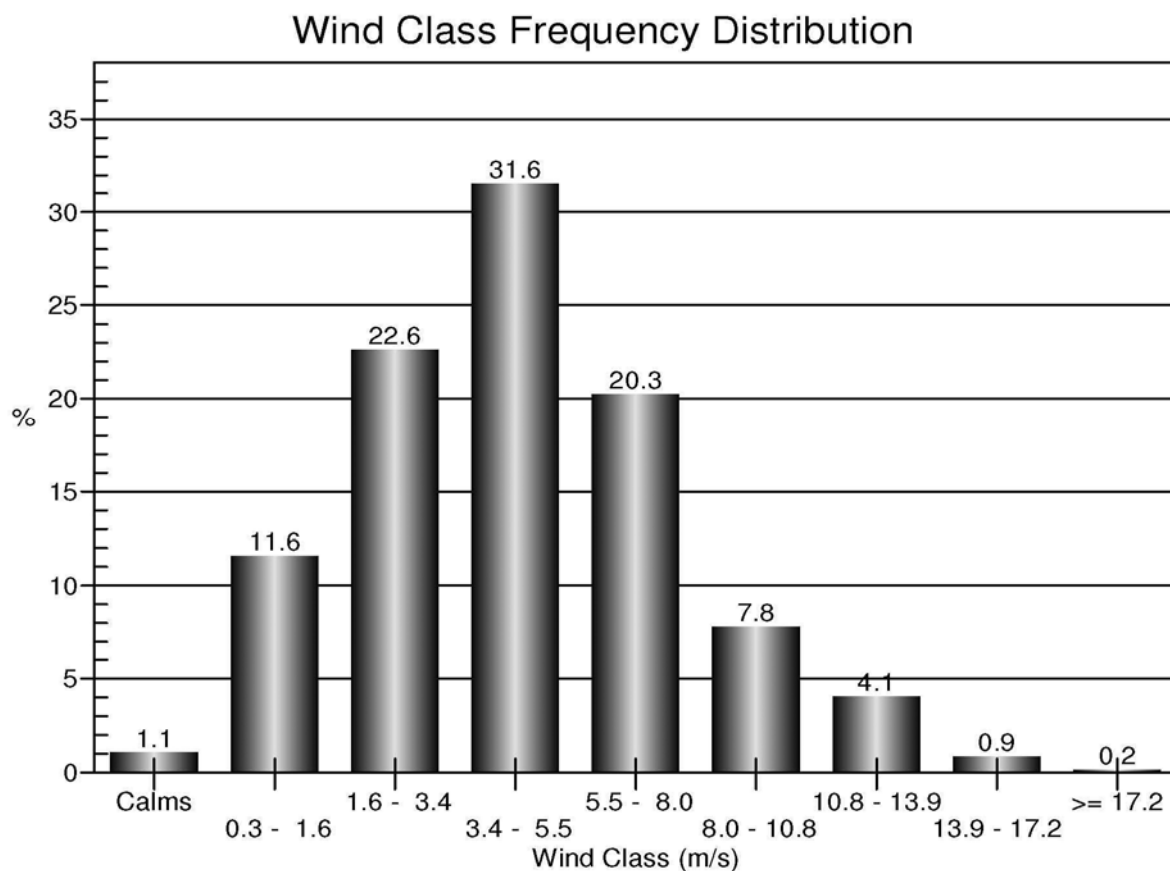
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 13

Date: Oct. 21, 2010

RWDI



m/s	Classification
0.0-0.3	Calm
0.3-1.6	Light Air
1.6-3.4	Light Breeze
3.4-5.5	Gentle Breeze
5.5-8.0	Moderate Breeze
8.0-10.8	Fresh Breeze
10.8-13.9	Strong Breeze
13.9-17.2	Near Gale
>17.2	Gale

Notes:

1. Steensby data collected from June 2006 to July 7, 2010.
2. No data available between Aug 14, 2008 - Sept 19, 2008; Nov 19, 2008 - Feb 10, 2009; Aug 17, 2009 - Sept 22, 2009 and Nov 6, 2009 - Feb 10, 2010.
3. The meteorological station was moved on September 14, 2006.
4. Classification taken from the World Meteorological Organization - Preliminary Seventh Edition.

Wind Class Frequency Distribution - Steensby Site

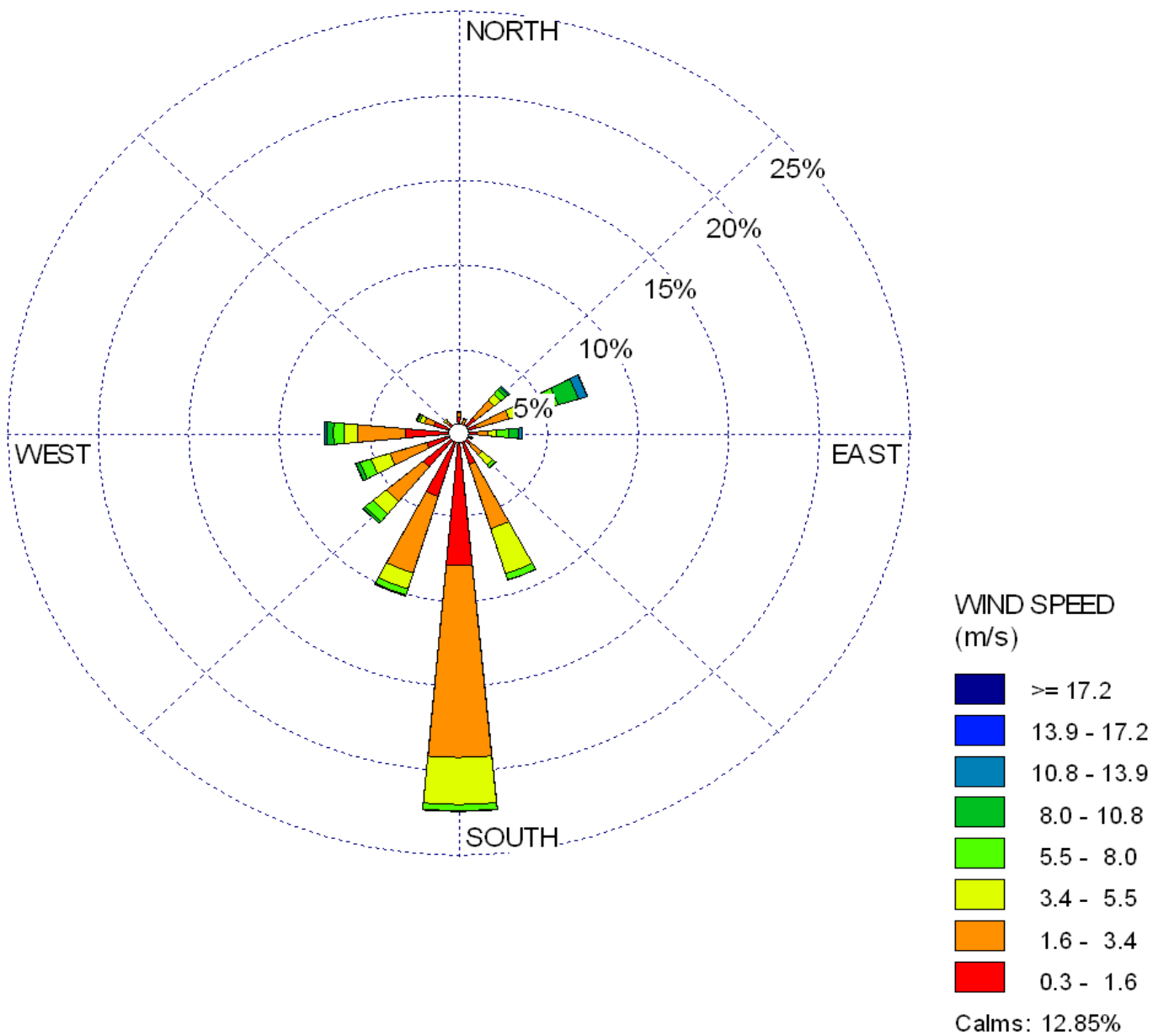
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 14

Date: Oct. 21, 2010

RWDI



Notes:

1. Pond Inlet data collected from June 2003 to October 23, 2010.

Wind Rose - Pond Inlet Site

Baffinland Baseline Meteorology Assessment

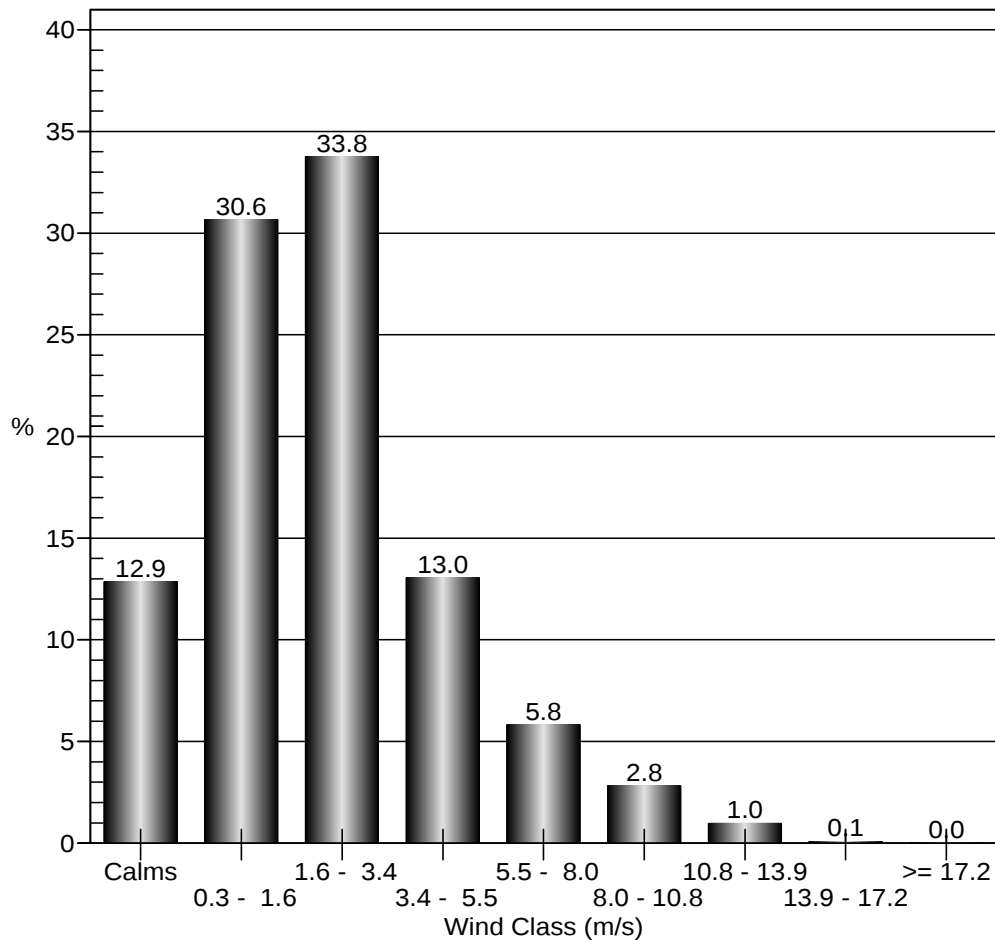
Project# 0940977

Figure No: 15

Date: Oct. 27, 2010

RWDI

Wind Class Frequency Distribution



m/s	Classification
0.0-0.3	Calm
0.3-1.6	Light Air
1.6-3.4	Light Breeze
3.4-5.5	Gentle Breeze
5.5-8.0	Moderate Breeze
8.0-10.8	Fresh Breeze
10.8-13.9	Strong Breeze
13.9-17.2	Near Gale
>17.2	Gale

Notes:

1. Pond Inlet data collected from June 2003 to Oct. 23, 2010.
2. Classification taken from the World Meteorological Organization - Preliminary Seventh Edition

Wind Class Frequency Distribution - Pond Inlet Site

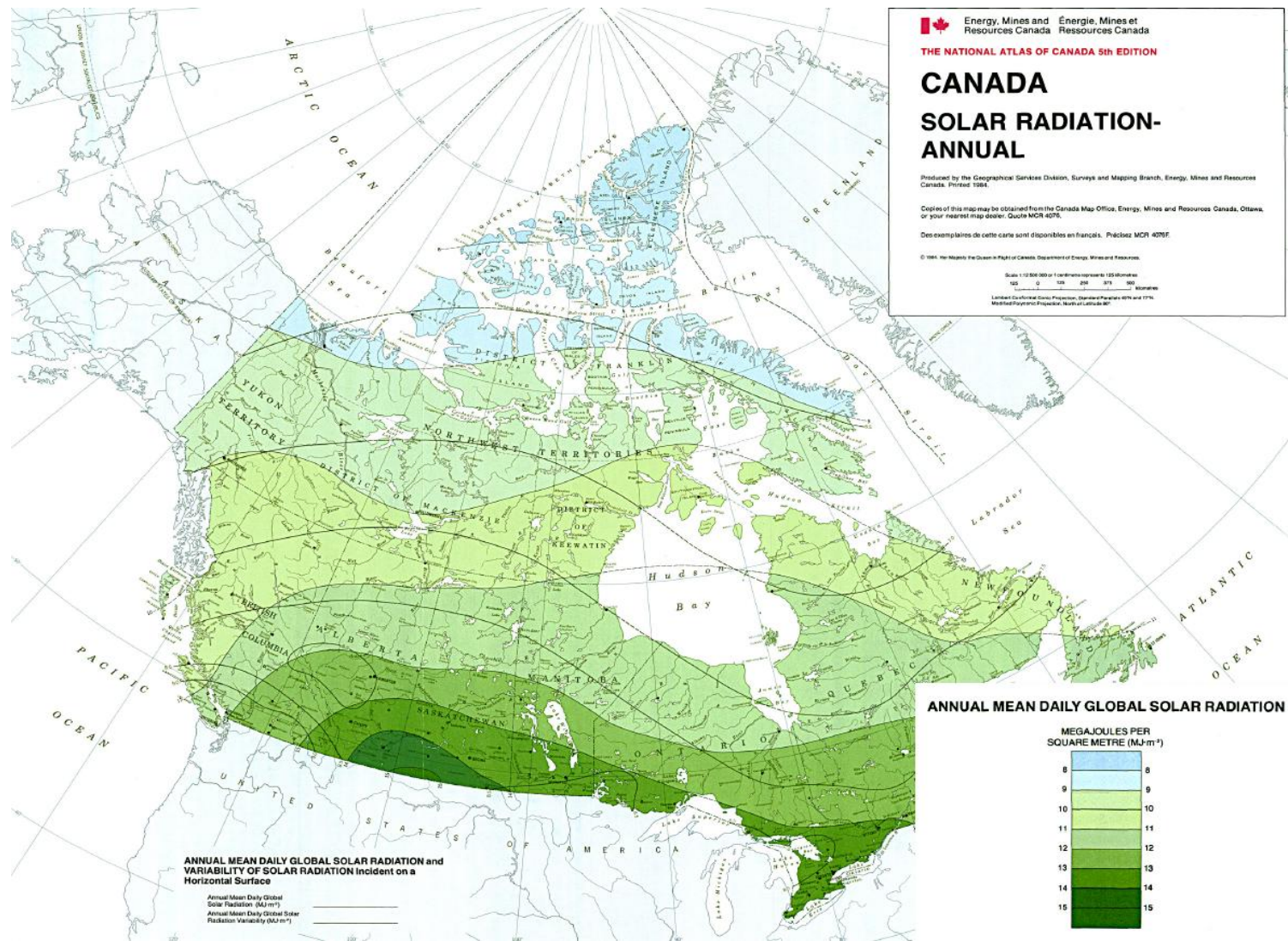
Figure No: 16

Baffinland Baseline Meteorology Assessment

Project# 0940977

Date: Oct. 27, 2010

RWDI



Atlas of Canada Annual Mean Daily Global Solar Radiation

Baffinland Baseline Meteorology Assessment

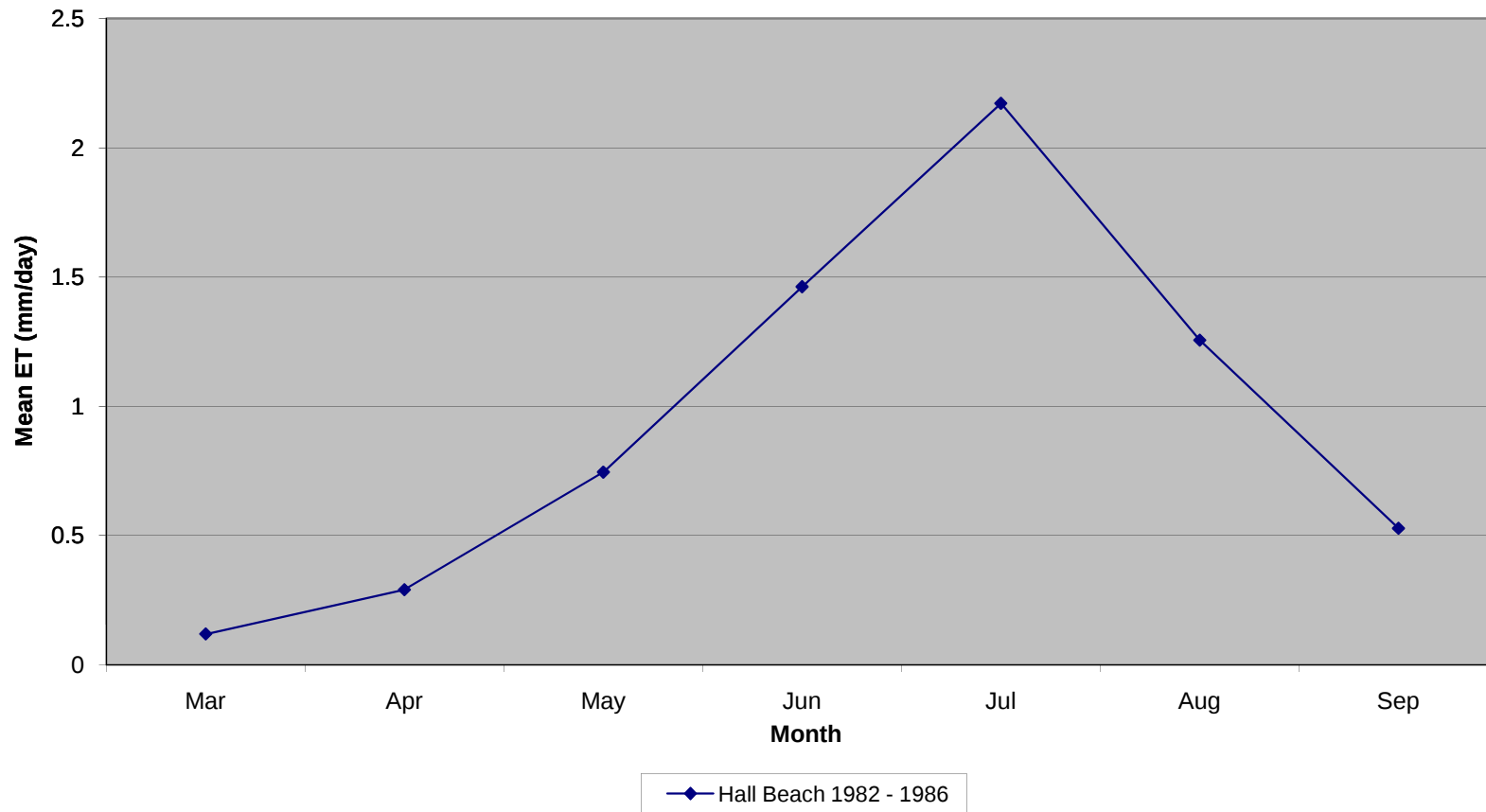
Project# 0940977

Figure No: 17

Date: Oct. 20, 2010

RWDI

Mean Daily Evapotranspiration (ET)



Note:

Evapotranspiration calculated from FAO Penman-Monteith method using meteorological data from Hall Beach from 1982 to 1986.

Mean Daily Evapotranspiration

Baffinland Baseline Meteorology Assessment

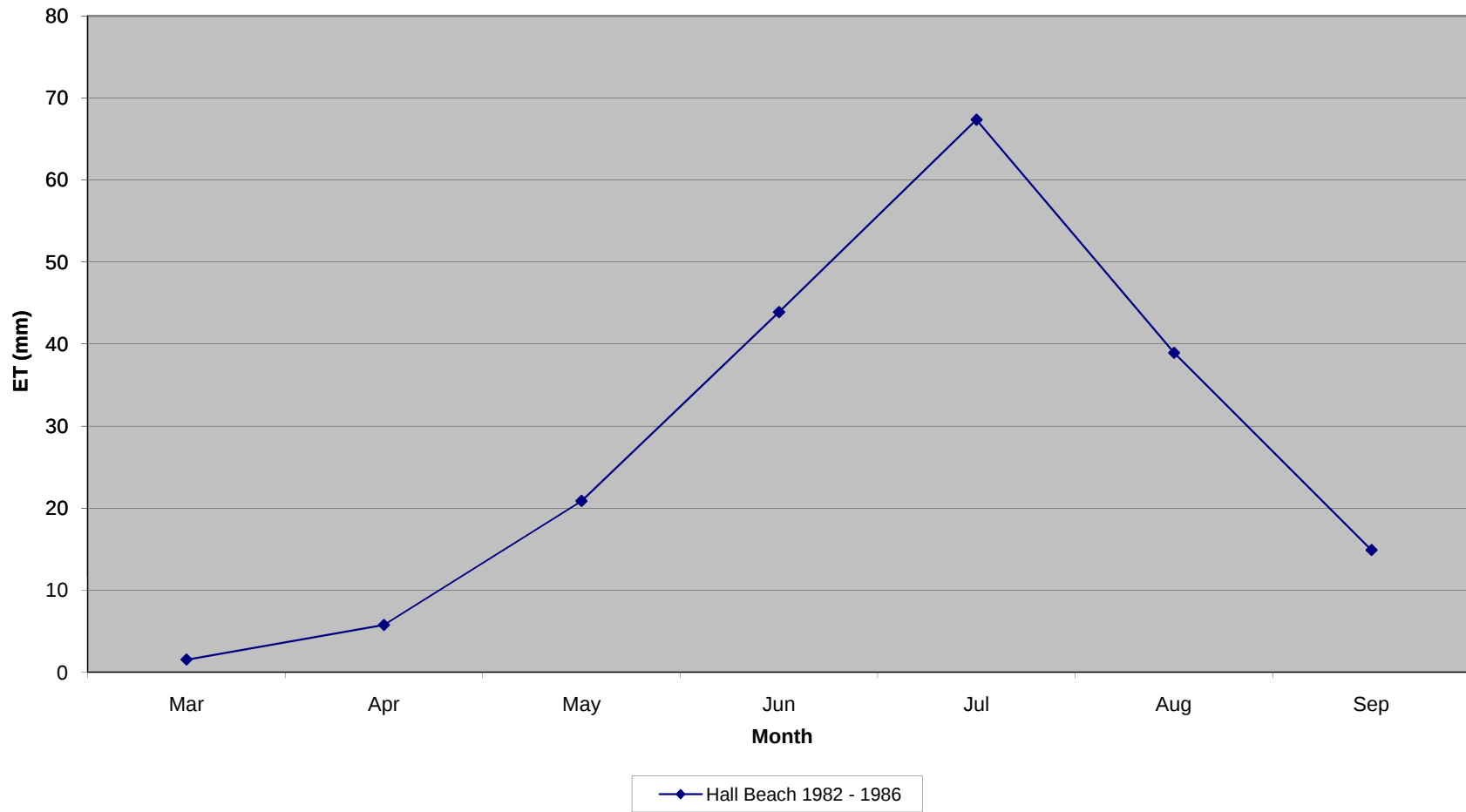
Project# 0940977

Figure No: 18

Date: Oct. 20, 2010

RWDI

Mean Monthly Evapotranspiration (ET)



Note:

Evapotranspiration calculated from FAO Penman-Monteith method using meteorological data from Hall Beach from 1982 to 1986.

Mean Monthly Evapotranspiration

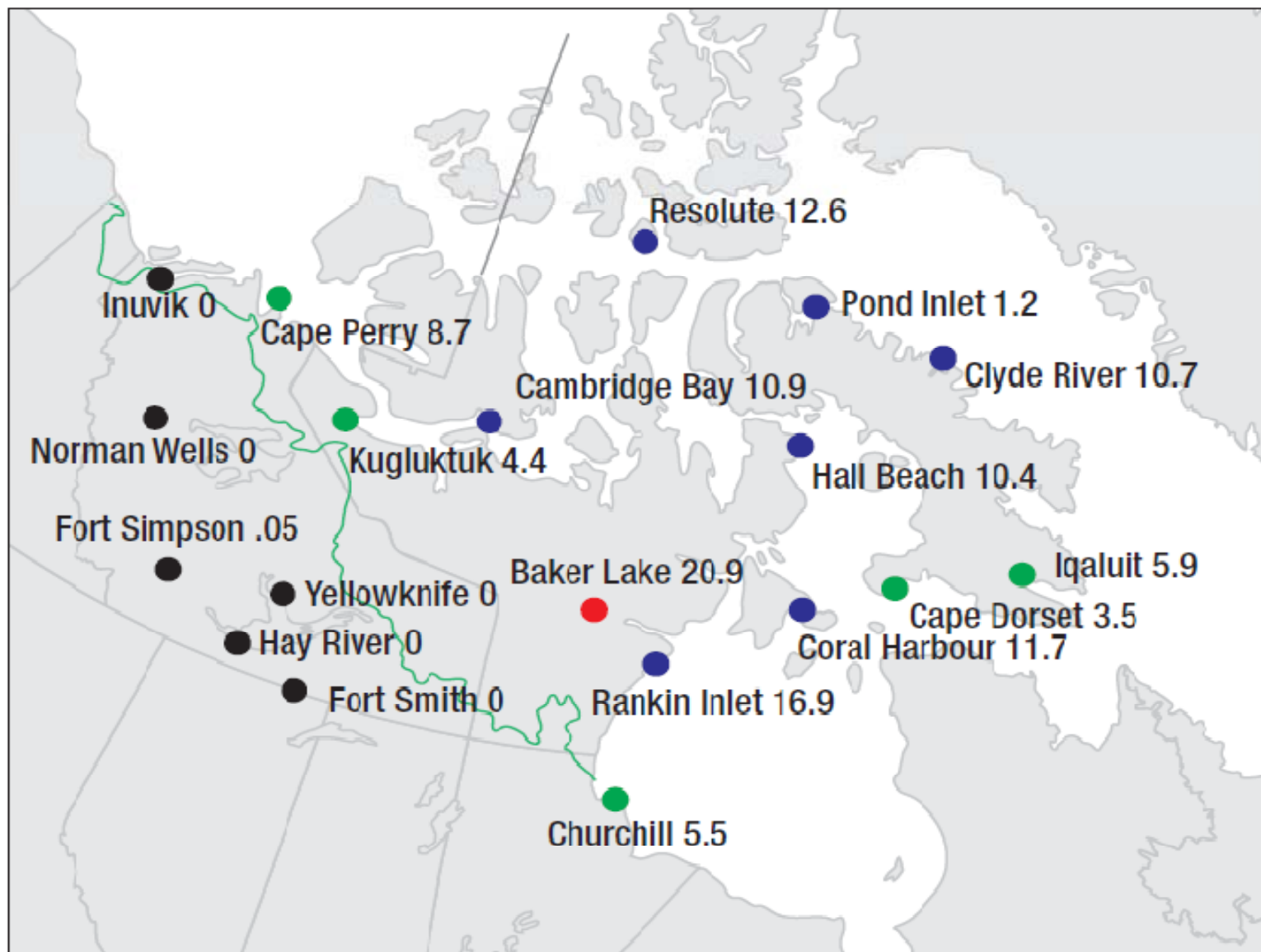
Baffinland Baseline Meteorology Assessment

Project# 0940977

Figure No: 19

Date: Oct. 20, 2010

RWDI



Nav Canada Average Number of Blizzards per Year for Selected Communities

Figure No: 20

Baffinland Baseline Meteorology Assessment

Project# 0940977

Date: Nov. 23, 2010

RWDI

APPENDIX A

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 13, 2005	2.2	88.93	4.79	-1.17	0.47	0.47	-4.03
June 14, 2005	2.6	95.45	6.42	0.33	0.98	0.98	-3.94
June 15, 2005	0	86.27	1.82	-0.44	1.67	1.67	0.17
June 16, 2005	0.2	87.64	5.71	0.27	2.11	2.11	-2.30
June 17, 2005	4.4	88.01	4.94	2.30	4.13	4.13	0.46
June 18, 2005	0	68.22	6.75	1.96	7.52	7.52	4.12
June 19, 2005	0.2	68.10	7.76	1.79	7.36	7.36	3.50
June 20, 2005	0	60.95	8.25	-0.53	6.49	6.49	2.09
June 21, 2005	0	67.20	7.24	1.18	6.88	6.88	2.97
June 22, 2005	0	67.99	7.44	1.91	7.47	7.47	3.88
June 23, 2005	1	72.82	3.78	2.17	6.87	6.87	4.75
June 24, 2005	1.1	70.16	5.90	1.36	6.52	6.52	3.16
June 25, 2005	0	62.48	6.09	0.94	7.78	7.78	4.77
June 26, 2005	0	61.04	3.57	0.07	7.31	7.31	5.54
June 27, 2005	2	77.27	1.86	2.41	6.18	6.18	5.12
June 28, 2005	0.1	68.57	2.52	2.38	8.03	8.03	6.86
June 29, 2005	0	71.86	2.68	0.69	5.41	5.41	3.50
June 30, 2005	0.1	71.85	1.66	2.65	7.55	7.55	6.80
July 1, 2005	0	71.71	2.67	1.96	6.79	6.79	5.15
July 2, 2005	0	63.08	2.73	0.51	7.26	7.26	5.87
July 3, 2005	0	57.69	3.43	1.21	9.66	9.66	9.28
July 4, 2005	0	53.62	5.63	0.80	10.12	10.12	8.71
July 5, 2005	0	52.90	1.83	0.93	10.48	10.48	10.39
July 6, 2005	0	56.23	5.46	1.10	9.66	9.66	8.46
July 7, 2005	3.9	85.59	3.56	4.53	6.84	6.84	4.57
July 8, 2005	0	56.86	1.91	3.26	12.01	12.01	11.51
July 9, 2005	0	68.92	2.65	5.18	10.88	10.88	10.46
July 10, 2005	2.9	71.95	7.80	4.86	9.96	9.96	8.13
July 11, 2005	7.6	94.40	5.64	6.05	6.86	6.86	3.74
July 12, 2005	6.2	97.04	3.64	6.24	6.66	6.66	4.32
July 13, 2005	5.3	84.76	4.91	3.37	5.87	5.87	2.80
July 14, 2005	0	72.62	4.23	1.48	6.24	6.24	3.46
July 15, 2005	6.9	90.82	5.21	4.45	5.82	5.82	2.48
July 16, 2005	21.4	92.57	7.75	6.54	7.66	7.66	3.79
July 17, 2005	30.2	98.00	4.33	5.16	5.44	5.44	2.58
July 18, 2005	4.5	87.83	4.29	2.49	4.37	4.37	1.08
July 19, 2005	4	80.11	6.48	2.22	5.53	5.53	1.76
July 20, 2005	14.6	88.85	10.87	3.34	5.07	5.07	-0.50
July 21, 2005	0.2	77.91	6.04	4.69	8.39	8.39	5.97
July 22, 2005	0.8	80.73	5.57	6.33	9.56	9.56	7.35
July 23, 2005	2.2	91.08	2.72	7.23	8.58	8.58	7.14
July 24, 2005	0.3	71.47	3.43	5.25	10.59	10.59	10.38
July 25, 2005	1.5	83.35	2.44	5.18	7.93	7.93	6.77
July 26, 2005	0	75.81	1.85	4.06	8.31	8.31	7.70
July 27, 2005	0	59.79	6.28	3.56	11.33	11.33	10.06
July 28, 2005	0	59.27	5.69	3.60	11.51	11.51	10.16
July 29, 2005	0	59.44	2.17	4.57	12.49	12.49	12.34
July 30, 2005	0	75.44	2.39	5.50	9.85	9.85	9.25
July 31, 2005	0	72.57	1.68	4.72	9.66	9.66	9.29
August 1, 2005	0.1	80.52	2.17	5.61	8.87	8.87	8.02
August 2, 2005	0	82.24	1.95	5.39	8.33	8.33	7.42
August 3, 2005	0	81.65	2.98	5.82	8.91	8.91	7.65
August 4, 2005	1.2	72.98	2.98	4.97	9.79	9.79	8.99
August 5, 2005	0.3	71.90	7.91	4.97	9.82	9.82	7.80
August 6, 2005	0.1	53.82	9.72	1.99	11.08	11.08	9.59
August 7, 2005	1.3	53.84	10.82	0.84	9.94	9.94	7.41
August 8, 2005	0	48.51	4.75	1.58	12.50	12.50	11.84
August 9, 2005	0	41.92	6.50	0.37	13.53	13.53	13.33
August 10, 2005	0	42.90	3.08	0.79	13.55	13.55	13.40
August 11, 2005	0	43.32	1.89	0.09	12.96	12.96	12.81
August 12, 2005	0	72.99	1.74	5.14	9.90	9.90	9.52
August 13, 2005	0	54.14	3.42	2.74	12.14	12.14	11.94
August 14, 2005	0	54.98	2.45	1.90	11.22	11.22	11.14
August 15, 2005	0	50.33	3.31	0.40	10.57	10.57	9.44
August 16, 2005	0	50.69	2.95	-0.19	9.98	9.98	9.39
August 17, 2005	4.9	69.58	4.14	3.05	8.37	8.37	6.26
August 18, 2005	0	66.93	3.08	1.57	7.93	7.93	6.96
August 19, 2005	0	57.08	5.02	-1.25	7.03	7.03	4.21
August 20, 2005	0	63.04	5.81	0.27	7.08	7.08	4.80
August 21, 2005	0	69.57	2.21	1.48	6.90	6.90	5.63
August 22, 2005	10.5	81.93	8.01	4.73	7.85	7.85	4.19

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 23, 2005	1.6	91.81	4.42	5.09	6.34	6.34	3.52
August 24, 2005	0	84.16	4.39	2.89	5.40	5.40	2.22
August 25, 2005	0	74.19	3.94	2.04	6.38	6.38	3.77
August 26, 2005	0	77.37	2.37	2.22	6.08	6.08	4.57
August 27, 2005	0	70.38	1.61	1.47	6.70	6.70	6.29
August 28, 2005	8.3	85.49	5.93	3.35	5.63	5.63	2.38
August 29, 2005	5.1	94.48	4.22	3.26	4.03	4.03	0.70
August 30, 2005	3.1	91.47	1.35	2.67	3.97	3.97	3.18
August 31, 2005	0.6	82.37	5.51	1.40	4.20	4.20	1.01
September 1, 2005	0	68.79	6.03	-0.72	4.67	4.67	0.59
September 2, 2005	0	76.73	5.64	-1.54	2.24	2.24	-2.23
September 3, 2005	0	65.84	3.64	-2.52	3.47	3.47	0.48
September 4, 2005	0	68.15	0.93	-1.21	4.52	4.52	4.24
September 5, 2005	0	71.45	1.66	-0.17	5.07	5.07	4.61
September 6, 2005	0	67.23	1.92	-0.42	5.57	5.57	5.12
September 7, 2005	0	78.68	1.40	0.68	4.22	4.22	3.46
September 8, 2005	0	80.55	3.04	2.39	5.52	5.52	3.43
September 9, 2005	0.4	85.19	2.73	2.61	4.94	4.94	2.85
September 10, 2005	0.3	92.43	2.94	-0.75	0.34	0.34	-2.82
September 11, 2005	1.5	93.96	5.18	-2.66	-1.80	-1.80	-7.09
September 12, 2005	0.1	86.10	8.95	-5.90	-3.96	-3.96	-11.73
September 13, 2005	0	76.80	9.05	-7.00	-3.42	-3.42	-11.16
September 14, 2005	0.4	83.37	10.49	-2.70	-0.14	-0.14	-6.65
September 15, 2005	1.8	88.53	4.04	-1.79	-0.08	-0.08	-2.95
September 16, 2005	0.5	87.11	2.86	-2.07	-0.17	-0.17	-2.93
September 17, 2005	0.1	83.38	2.30	-4.81	-2.31	-2.31	-4.63
September 18, 2005	0	80.08	5.70	-4.77	-1.74	-1.74	-7.42
September 19, 2005	0	79.66	9.24	-6.62	-3.57	-3.57	-11.29
September 20, 2005	0	70.26	16.22	-4.79	0.01	0.01	-8.63
September 21, 2005	0	63.34	9.86	-7.16	-1.05	-1.05	-8.26
September 22, 2005	0	81.22	2.19	-5.01	-2.21	-2.21	-4.38
September 23, 2005	0	85.29	1.69	-3.65	-1.42	-1.42	-2.82
September 24, 2005	0	87.33	7.80	-3.84	-1.98	-1.98	-8.46
September 25, 2005	0	90.86	2.65	-3.84	-2.56	-2.56	-5.54
September 26, 2005	0	89.22	3.23	-3.31	-1.76	-1.76	-5.02
September 27, 2005	0	94.03	7.01	-3.05	-2.23	-2.23	-8.72
September 28, 2005	0	94.94	6.06	-4.16	-3.47	-3.47	-8.87
September 29, 2005	0	92.18	2.57	-6.36	-5.31	-5.31	-8.26
September 30, 2005	0	85.01	1.22	-7.93	-5.76	-5.76	-7.11
October 1, 2005	0	88.21	1.64	-11.46	-9.87	-9.87	-12.37
October 2, 2005	0	90.38	1.68	-10.96	-9.71	-9.71	-12.27
October 3, 2005	0	85.31	1.48	-15.75	-13.86	-13.86	-16.24
October 4, 2005	0	61.80	4.81	-15.41	-9.54	-9.54	-15.67
October 5, 2005	0	79.86	3.87	-15.56	-12.83	-12.83	-19.07
October	-	-	-	-	-	-	-
November	-	-	-	-	-	-	-
December	-	-	-	-	-	-	-
January	-	-	-	-	-	-	-
February	-	-	-	-	-	-	-
March	-	-	-	-	-	-	-
April	-	-	-	-	-	-	-
May	0	-	-	-	-	-	-
June 4, 2006	0	66.86	5.51	-5.24	0.33	0.33	-4.68
June 5, 2006	0	76.68	1.93	-2.96	0.70	0.70	-1.30
June 6, 2006	11.4	79.44	9.31	-2.29	1.03	1.03	-5.23
June 7, 2006	6.9	97.99	5.24	0.03	0.29	0.29	-4.60
June 8, 2006	0.3	83.48	5.17	-2.78	-0.21	-0.21	-4.77
June 9, 2006	0	71.72	2.30	-5.37	-0.78	-0.78	-3.26
June 10, 2006	0.2	92.59	5.48	-0.95	0.10	0.10	-4.59
June 11, 2006	0	71.62	5.25	-1.46	3.23	3.23	-0.54
June 12, 2006	0	70.43	1.18	-2.08	2.80	2.80	1.77
June 13, 2006	0	79.34	2.14	-0.67	2.51	2.51	0.75
June 14, 2006	0.4	91.24	3.52	-0.05	1.27	1.27	-1.80
June 15, 2006	0.5	75.76	7.11	-1.97	2.11	2.11	-3.12
June 16, 2006	0	58.92	5.62	-2.40	5.16	5.16	1.50
June 17, 2006	0	62.91	3.03	-1.41	5.15	5.15	3.05
June 18, 2006	0.1	83.53	2.14	-0.58	1.90	1.90	-0.10
June 19, 2006	0.6	88.50	8.31	0.41	1.87	1.87	-3.94
June 20, 2006	0	69.03	13.53	-1.23	3.94	3.94	-2.66
June 21, 2006	0	60.79	10.56	-2.71	4.21	4.21	-1.54
June 22, 2006	0	56.92	5.22	-2.28	5.65	5.65	2.28

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 23, 2006	0	55.72	6.19	-1.50	6.85	6.85	3.62
June 24, 2006	0	57.16	8.45	-0.36	7.64	7.64	4.06
June 25, 2006	0	72.16	2.78	1.68	6.41	6.41	4.63
June 26, 2006	0.1	75.99	0.88	2.03	6.39	6.39	5.93
June 27, 2006	0	72.87	0.84	2.47	7.02	7.02	6.51
June 28, 2006	1.3	86.95	0.55	3.73	5.71	5.71	5.34
June 29, 2006	0	73.34	1.22	2.00	6.43	6.43	5.60
June 30, 2006	0.2	83.08	4.43	3.57	6.29	6.29	3.35
July 1, 2006	10.9	91.28	6.84	4.81	6.12	6.12	2.06
July 2, 2006	2.6	88.78	3.51	4.36	6.12	6.12	3.87
July 3, 2006	0.3	89.04	0.80	4.13	5.84	5.84	5.35
July 4, 2006	20	90.87	6.65	4.14	5.51	5.51	1.36
July 5, 2006	1.9	89.37	3.22	1.36	2.92	2.92	0.19
July 6, 2006	0.4	82.89	1.71	1.12	3.88	3.88	2.38
July 7, 2006	0	72.43	4.81	1.42	6.24	6.24	3.15
July 8, 2006	0	59.38	4.29	0.26	7.80	7.80	5.28
July 9, 2006	0	59.71	3.15	1.81	9.51	9.51	8.34
July 10, 2006	0	54.54	0.72	3.14	12.41	12.41	12.28
July 11, 2006	0	62.74	0.92	4.77	11.75	11.75	11.69
July 12, 2006	0	78.81	1.27	4.57	8.05	8.05	7.26
July 13, 2006	0	63.62	0.54	4.89	11.94	11.94	11.91
July 14, 2006	0	58.64	1.97	5.65	13.97	13.97	13.96
July 15, 2006	0.2	62.59	4.28	4.90	12.23	12.23	11.60
July 16, 2006	1.2	74.61	9.23	6.27	10.59	10.59	9.95
July 17, 2006	0.4	75.77	8.93	5.69	9.78	9.78	7.66
July 18, 2006	0.2	71.00	7.12	6.66	11.92	11.92	11.72
July 19, 2006	0	78.22	3.07	4.61	8.29	8.29	6.81
July 20, 2006	0	64.75	3.48	4.63	11.24	11.24	10.16
July 21, 2006	0	69.22	2.48	6.24	12.05	12.05	11.28
July 22, 2006	4.8	87.30	4.82	6.64	8.65	8.65	6.29
July 23, 2006	9.2	84.59	3.49	4.39	6.97	6.97	4.67
July 24, 2006	5.7	69.24	3.73	2.58	8.26	8.26	6.42
July 25, 2006	16.5	93.39	5.22	4.66	5.63	5.63	2.39
July 26, 2006	11.2	90.21	6.06	8.82	10.33	10.33	9.83
July 27, 2006	7.7	71.03	9.71	9.99	15.46	15.46	15.46
July 28, 2006	1.6	80.18	5.54	8.43	11.71	11.71	11.68
July 29, 2006	0	57.28	8.80	5.68	14.21	14.21	14.21
July 30, 2006	0	54.93	2.42	5.51	14.95	14.95	14.95
July 31, 2006	0	50.56	1.70	3.69	14.67	14.67	14.67
August 1, 2006	0	45.56	2.45	2.03	14.01	14.01	13.98
August 2, 2006	0	46.64	0.88	2.36	14.28	14.28	14.27
August 3, 2006	0	51.78	0.56	3.83	14.06	14.06	14.06
August 4, 2006	0	59.91	3.42	4.43	12.26	12.26	12.23
August 5, 2006	0	59.15	2.31	2.77	10.48	10.48	9.81
August 6, 2006	0.5	65.15	3.07	2.05	8.39	8.39	6.78
August 7, 2006	0	59.02	3.79	1.39	9.13	9.13	7.66
August 8, 2006	0	56.49	1.86	2.29	11.43	11.43	11.43
August 9, 2006	0	61.16	3.32	5.44	12.95	12.95	12.75
August 10, 2006	0	70.99	0.17	8.86	14.34	14.34	14.34
August 11, 2006	0	70.36	5.18	7.76	13.15	13.15	13.15
August 12, 2006	17.1	86.65	6.77	6.75	8.86	8.86	5.90
August 13, 2006	32.8	94.66	6.99	6.91	7.68	7.68	3.99
August 14, 2006	2.9	79.45	6.76	7.57	11.05	11.05	9.85
August 15, 2006	0.5	55.08	9.02	2.91	11.97	11.97	11.43
August 16, 2006	5.9	77.46	2.38	5.11	8.99	8.99	8.11
August 17, 2006	0.8	75.23	6.48	5.10	9.30	9.30	6.81
August 18, 2006	0	72.80	3.40	4.57	9.25	9.25	8.03
August 19, 2006	0	69.26	2.24	2.91	8.47	8.47	7.87
August 20, 2006	0	65.26	1.00	2.12	8.32	8.32	7.84
August 21, 2006	0	65.84	1.21	2.16	8.38	8.38	7.89
August 22, 2006	0	62.58	5.43	-0.26	6.48	6.48	3.21
August 23, 2006	0	62.26	4.20	-0.96	6.03	6.03	3.51
August 24, 2006	0	53.83	2.56	-3.00	5.88	5.88	4.04
August 25, 2006	0.1	66.95	6.22	0.37	6.07	6.07	2.32
August 26, 2006	0.1	72.71	12.39	1.41	5.98	5.98	0.35
August 27, 2006	2.7	81.31	13.30	3.22	6.21	6.21	0.54
August 28, 2006	9.2	91.88	5.25	3.96	5.15	5.15	1.80
August 29, 2006	1.9	92.32	0.74	4.42	5.57	5.57	4.99
August 30, 2006	0	86.88	1.44	2.43	4.48	4.48	3.34
August 31, 2006	0	77.11	0.82	-0.11	3.59	3.59	2.90
September 1, 2006	4.2	81.81	9.52	1.45	4.34	4.34	-0.51

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
September 2, 2006	18.6	87.47	13.65	4.32	6.24	6.24	0.62
September 3, 2006	1.5	78.74	4.98	2.45	5.93	5.93	2.88
September 4, 2006	0.4	83.35	3.83	2.33	5.00	5.00	2.45
September 5, 2006	0.5	78.37	4.14	0.66	4.07	4.07	1.07
September 6, 2006	0	65.33	5.98	-0.04	6.10	6.10	2.77
September 7, 2006	0	75.72	0.19	-0.68	3.33	3.33	3.18
September 8, 2006	0	68.46	2.52	-1.42	3.97	3.97	1.89
September 9, 2006	0	79.04	5.46	-1.13	2.19	2.19	-1.95
September 10, 2006	0	68.65	2.74	-4.52	0.82	0.82	-1.87
September 11, 2006	0	69.53	0.90	-4.18	0.98	0.98	0.19
September 12, 2006	0	64.25	2.72	-4.28	1.95	1.95	-0.51
September 13, 2006	0	60.48	4.76	-6.52	0.40	0.40	-4.00
September 14, 2006	0	63.56	5.38	-5.18	1.12	1.12	-3.35
September 15, 2006	0	65.20	1.74	-5.45	0.50	0.50	-1.22
September 16, 2006	0	74.80	1.35	-5.11	-1.07	-1.07	-2.42
September 17, 2006	0	72.86	1.61	-2.62	1.96	1.96	0.79
September 18, 2006	0	74.30	0.16	-1.23	3.16	3.16	3.02
September 19, 2006	0	95.62	0.01	-0.71	-0.12	-0.12	-0.12
September 20, 2006	0.2	88.26	0.36	-1.30	0.52	0.52	0.23
September 21, 2006	0	61.80	2.12	-3.92	2.98	2.98	1.15
September 22, 2006	0	51.75	3.19	-5.89	3.59	3.59	1.09
September 23, 2006	0	63.14	1.05	-4.41	1.94	1.94	1.07
September 24, 2006	0	68.56	0.27	-4.15	1.31	1.31	1.05
September 25, 2006	0	69.50	0.45	-3.37	1.69	1.69	1.28
September 26, 2006	0	67.28	4.86	-2.38	3.14	3.14	-0.29
September 27, 2006	0	78.27	0.17	-2.96	0.46	0.46	0.29
September 28, 2006	0	72.85	4.06	-2.01	2.37	2.37	-0.80
September 29, 2006	0	75.39	8.16	-2.21	1.66	1.66	-4.20
September 30, 2006	0	85.48	2.33	-1.69	0.55	0.55	-1.77
October 1, 2006	0.1	95.59	0.19	-1.54	-0.93	-0.93	-1.14
October 2, 2006	2.2	95.41	0.09	-2.78	-2.16	-2.16	-2.27
October 3, 2006	0	92.98	0.76	-6.32	-5.38	-5.38	-6.42
October 4, 2006	0.1	87.56	1.48	-6.05	-4.25	-4.25	-5.84
October 5, 2006	0	74.97	9.20	-6.56	-2.74	-2.74	-10.28
October 6, 2006	0.2	78.98	11.88	-3.16	0.08	0.08	-7.46
October 7, 2006	0.6	70.67	7.40	-4.29	0.42	0.42	-5.18
October 8, 2006	0	86.54	3.32	-8.07	-6.20	-6.20	-9.88
October 9, 2006	0	83.53	3.46	-10.27	-7.98	-7.98	-11.88
October 10, 2006	0	73.21	5.58	-7.57	-3.41	-3.41	-8.07
October 11, 2006	0	84.26	2.95	-8.68	-6.42	-6.42	-9.99
October 12, 2006	0	87.72	2.07	-9.38	-7.71	-7.71	-10.50
October 13, 2006	0	79.77	3.25	-10.18	-7.24	-7.24	-11.76
October 14, 2006	0	71.47	7.17	-8.98	-4.54	-4.54	-9.79
October 15, 2006	0.5	86.75	8.76	-1.23	0.73	0.73	-5.57
October 16, 2006	0.5	77.84	10.16	0.05	3.57	3.57	-2.12
October 17, 2006	0	80.02	11.83	-2.17	0.91	0.91	-6.32
October 18, 2006	0	88.03	7.77	-5.35	-3.66	-3.66	-10.57
October 19, 2006	0	80.83	5.28	-5.94	-3.01	-3.01	-8.51
October 20, 2006	0	89.45	3.03	-2.70	-1.18	-1.18	-3.93
October 21, 2006	0	95.58	0.03	-6.54	-5.96	-5.96	-6.00
October 22, 2006	0	91.88	0.72	-9.39	-8.33	-8.33	-9.33
October 23, 2006	0	91.75	5.14	-5.21	-4.05	-4.05	-9.99
October 24, 2006	0	95.85	6.84	-2.44	-1.88	-1.88	-8.23
October 25, 2006	0	98.55	2.04	-2.08	-1.89	-1.89	-3.83
October 26, 2006	0	92.25	0.00	-11.79	-10.82	-10.82	-10.82
October 27, 2006	0	86.08	3.19	-9.05	-7.07	-7.07	-10.84
October 28, 2006	0	88.42	1.25	-6.85	-5.26	-5.26	-6.84
October 29, 2006	0	86.83	0.04	-13.87	-12.21	-12.21	-12.28
October 30, 2006	0	86.97	0.00	-14.58	-12.97	-12.97	-12.97
October 31, 2006	0	86.10	0.00	-17.79	-16.04	-16.04	-16.05
November 1, 2006	0	78.62	1.82	-16.93	-13.99	-13.99	-16.68
November 2, 2006	0	62.94	4.62	-16.96	-11.25	-11.25	-17.40
November 3, 2006	0	77.10	3.21	-22.27	-19.32	-19.32	-25.42
November 4, 2006	0	72.68	1.03	-27.53	-24.04	-24.04	-26.51
November 5, 2006	0	78.13	0.23	-29.36	-26.72	-26.72	-27.35
November 6, 2006	0	79.70	0.02	-27.03	-24.56	-24.56	-24.62
November 7, 2006	0	76.29	0.01	-30.85	-27.99	-27.99	-28.01
November 8, 2006	0	78.53	0.36	-28.22	-25.60	-25.60	-26.53
November 9, 2006	0	78.33	2.04	-28.10	-25.45	-25.45	-30.65
November 10, 2006	0	77.53	4.52	-26.80	-23.99	-23.99	-33.01
November 11, 2006	0	83.15	1.50	-21.76	-19.63	-19.63	-22.83

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 12, 2006	0	79.33	0.00	-27.77	-25.25	-25.25	-25.25
November 13, 2006	0	80.76	1.67	-22.03	-19.58	-19.58	-22.84
November 14, 2006	0	72.52	5.35	-19.28	-15.46	-15.46	-22.59
November 15, 2006	0	69.00	2.87	-18.23	-13.77	-13.77	-17.24
November 16, 2006	0	77.32	2.10	-15.47	-12.24	-12.24	-14.54
November 17, 2006	0	70.03	6.76	-13.86	-9.43	-9.43	-17.46
November 18, 2006	0	72.57	4.53	-16.63	-12.71	-12.71	-19.42
November 19, 2006	0	84.15	0.79	-18.41	-16.34	-16.34	-17.35
November 20, 2006	0	84.45	10.85	-10.05	-7.89	-7.89	-17.77
November 21, 2006	0	87.60	7.36	-10.31	-8.63	-8.63	-16.92
November 22, 2006	0	87.29	7.30	-10.28	-8.54	-8.54	-17.03
November 23, 2006	0	73.38	8.65	-14.28	-10.42	-10.42	-19.60
November 24, 2006	0	74.18	4.03	-19.83	-16.28	-16.28	-21.32
November 25, 2006	0	80.64	0.27	-25.79	-23.40	-23.40	-24.07
November 26, 2006	0	77.11	0.58	-25.98	-23.07	-23.07	-24.39
November 27, 2006	0	76.35	0.00	-31.46	-28.62	-28.62	-28.62
November 28, 2006	0	69.79	0.08	-38.23	-34.65	-34.65	-34.65
November 29, 2006	0	69.40	0.20	-38.19	-34.54	-34.54	-34.56
November 30, 2006	0	74.64	0.01	-32.23	-29.15	-29.15	-29.16
December 1, 2006	0	72.65	0.09	-34.78	-31.50	-31.50	-31.59
December 2, 2006	0	68.12	0.67	-39.73	-35.94	-35.94	-37.10
December 3, 2006	0	67.70	0.52	-39.79	-35.95	-35.95	-36.68
December 4, 2006	0	70.32	0.39	-37.19	-33.63	-33.62	-34.00
December 5, 2006	0	72.17	0.22	-35.22	-31.87	-31.87	-32.08
December 6, 2006	0	71.56	0.14	-35.78	-32.37	-32.37	-32.37
December 7, 2006	0	73.23	0.11	-34.45	-31.19	-31.19	-31.27
December 8, 2006	0	79.76	7.43	-23.45	-20.87	-20.87	-32.94
December 9, 2006	0	83.84	7.45	-19.68	-17.64	-17.64	-28.00
December 10, 2006	0	77.32	2.39	-23.93	-20.97	-20.97	-24.87
December 11, 2006	0	73.09	0.66	-33.86	-30.62	-30.62	-32.10
December 12, 2006	0	81.47	8.87	-20.83	-18.45	-18.45	-30.83
December 13, 2006	0	83.60	1.18	-17.66	-15.51	-15.51	-17.50
December 14, 2006	0	83.36	1.78	-18.62	-16.43	-16.43	-18.70
December 15, 2006	0	68.76	8.41	-23.40	-19.03	-19.03	-30.61
December 16, 2006	0	61.48	3.41	-27.44	-21.88	-21.88	-27.78
December 17, 2006	0	69.10	3.13	-35.38	-31.60	-31.60	-40.01
December 18, 2006	0	62.20	3.93	-42.06	-37.52	-37.52	-49.20
December 19, 2006	0	68.86	4.51	-35.44	-31.62	-31.62	-43.71
December 20, 2006	0	62.13	5.39	-35.55	-30.64	-30.64	-42.73
December 21, 2006	0	59.88	1.97	-40.09	-34.98	-34.98	-40.38
December 22, 2006	0	61.36	2.04	-43.01	-38.35	-38.35	-44.02
December 23, 2006	0	61.11	0.80	-46.31	-41.80	-41.80	-43.44
December 24, 2006	0	60.66	0.66	-46.39	-41.81	-41.81	-43.14
December 25, 2006	0	61.92	0.48	-44.75	-40.31	-40.31	-40.47
December 26, 2006	0	61.45	0.47	-45.32	-40.83	-40.83	-41.37
December 27, 2006	0	66.80	0.83	-39.87	-35.93	-35.93	-37.41
December 28, 2006	0	72.85	3.76	-26.96	-23.33	-23.33	-30.28
December 29, 2006	0	76.70	0.50	-30.65	-27.80	-27.80	-29.13
December 30, 2006	0	77.33	2.68	-27.38	-24.60	-24.60	-30.45
December 31, 2006	0	72.49	2.36	-29.51	-25.95	-25.95	-29.62
January 1, 2007	0	73.15	10.36	-17.52	-13.71	-13.71	-25.32
January 2, 2007	0	76.61	1.27	-22.97	-19.84	-19.84	-21.92
January 3, 2007	0	77.08	0.08	-30.29	-27.53	-27.53	-27.77
January 4, 2007	0	72.89	1.90	-30.53	-27.10	-27.10	-31.34
January 5, 2007	0	70.83	0.08	-37.11	-33.64	-33.64	-33.91
January 6, 2007	0	75.47	2.95	-26.67	-23.50	-23.50	-29.00
January 7, 2007	0	77.52	0.00	-29.28	-26.54	-26.54	-26.55
January 8, 2007	0	72.63	0.00	-35.28	-32.02	-32.02	-32.02
January 9, 2007	0	68.30	0.00	-39.27	-35.53	-35.53	-35.54
January 10, 2007	0	66.81	1.83	-36.24	-32.14	-32.14	-36.61
January 11, 2007	0	66.52	0.07	-41.20	-37.28	-37.28	-37.49
January 12, 2007	0	67.33	0.00	-40.17	-36.31	-36.31	-36.31
January 13, 2007	0	66.70	1.37	-38.43	-34.41	-34.41	-37.83
January 14, 2007	0	65.80	0.10	-41.83	-37.87	-37.87	-38.25
January 15, 2007	0	61.85	0.10	-46.17	-41.73	-41.73	-42.07
January 16, 2007	0	64.08	0.16	-43.09	-38.87	-38.87	-39.38
January 17, 2007	0	63.27	0.04	-43.86	-39.56	-39.56	-39.71
January 18, 2007	0	64.99	0.02	-42.18	-38.03	-38.03	-38.06
January 19, 2007	0	65.20	0.23	-41.79	-37.69	-37.69	-37.70
January 20, 2007	0	62.31	0.18	-45.11	-40.69	-40.69	-40.79
January 21, 2007	0	64.33	0.39	-42.73	-38.51	-38.51	-39.33

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 22, 2007	0	65.38	0.33	-41.52	-37.45	-37.45	-37.58
January 23, 2007	0	76.39	5.10	-25.09	-22.02	-22.02	-29.13
January 24, 2007	0	80.54	4.08	-23.67	-21.22	-21.22	-28.91
January 25, 2007	0	71.21	2.76	-32.19	-28.62	-28.62	-34.10
January 26, 2007	0	65.05	6.35	-29.17	-24.36	-24.36	-34.15
January 27, 2007	0	60.06	3.51	-32.82	-27.37	-27.37	-33.17
January 28, 2007	0	67.75	0.13	-40.80	-37.00	-37.00	-37.46
January 29, 2007	0	68.85	0.31	-36.67	-32.92	-32.92	-33.87
January 30, 2007	0	66.10	0.16	-41.90	-37.94	-37.94	-38.15
January 31, 2007	0	64.06	0.00	-43.28	-39.05	-39.05	-39.05
February 1, 2007	0	65.74	0.00	-41.37	-37.31	-37.31	-37.31
February 2, 2007	0	64.56	0.00	-42.64	-38.44	-38.44	-38.44
February 3, 2007	0	65.54	0.00	-41.39	-37.30	-37.30	-37.30
February 4, 2007	0	69.72	0.14	-36.40	-32.84	-32.84	-33.25
February 5, 2007	0	60.17	6.72	-26.60	-20.74	-20.74	-29.78
February 6, 2007	0	60.33	11.55	-18.96	-12.61	-12.61	-23.63
February 7, 2007	0	52.07	3.90	-23.02	-15.21	-15.21	-20.42
February 8, 2007	0	55.72	5.33	-27.37	-20.85	-20.85	-30.02
February 9, 2007	0	59.00	6.18	-30.43	-24.65	-24.65	-32.72
February 10, 2007	0	66.30	8.07	-19.70	-14.71	-14.71	-23.63
February 11, 2007	0	76.83	0.26	-27.53	-24.68	-24.68	-25.37
February 12, 2007	0	73.15	0.02	-33.43	-30.17	-30.17	-30.25
February 13, 2007	0	69.81	0.09	-36.57	-32.94	-32.94	-33.24
February 14, 2007	0	68.15	0.58	-38.92	-35.12	-35.12	-36.58
February 15, 2007	0	76.71	11.30	-26.53	-23.58	-23.58	-38.80
February 16, 2007	0	81.72	8.70	-22.16	-19.82	-19.82	-32.17
February 17, 2007	0	72.62	0.02	-28.13	-24.69	-24.69	-24.73
February 18, 2007	0	69.66	0.03	-31.54	-27.76	-27.76	-27.85
February 19, 2007	0	66.70	0.36	-29.91	-25.55	-25.55	-26.52
February 20, 2007	0	71.77	0.38	-25.13	-21.38	-21.38	-22.31
February 21, 2007	0	79.45	0.93	-21.19	-18.52	-18.52	-20.46
February 22, 2007	0	82.20	2.24	-23.55	-21.34	-21.34	-26.34
February 23, 2007	0	83.93	1.14	-21.63	-19.62	-19.62	-22.13
February 24, 2007	0	73.40	0.34	-33.62	-30.42	-30.42	-31.32
February 25, 2007	0	68.71	0.75	-38.05	-34.29	-34.29	-36.64
February 26, 2007	0	71.23	2.02	-34.20	-30.67	-30.67	-35.25
February 27, 2007	0	64.09	1.54	-35.45	-30.92	-30.92	-34.53
February 28, 2007	0	73.07	0.37	-29.99	-26.65	-26.65	-27.49
March 1, 2007	0	75.33	2.75	-30.03	-26.98	-26.98	-31.75
March 2, 2007	0	76.38	4.08	-26.50	-23.49	-23.49	-31.76
March 3, 2007	0	71.75	0.31	-33.28	-29.81	-29.81	-30.43
March 4, 2007	0	64.10	7.32	-34.44	-29.81	-29.81	-43.73
March 5, 2007	0	58.57	1.28	-42.73	-37.61	-37.61	-40.75
March 6, 2007	0	61.45	0.45	-41.64	-36.94	-36.94	-38.10
March 7, 2007	0	63.81	0.19	-38.13	-33.64	-33.64	-34.23
March 8, 2007	0	63.54	0.08	-41.74	-37.36	-37.36	-37.41
March 9, 2007	0	64.31	0.24	-41.70	-37.43	-37.43	-37.56
March 10, 2007	0	60.40	0.01	-43.20	-38.43	-38.43	-38.43
March 11, 2007	0	56.44	0.36	-48.73	-43.60	-43.59	-43.86
March 12, 2007	0	53.87	0.44	-48.53	-42.97	-42.97	-43.09
March 13, 2007	0	55.69	0.51	-47.91	-42.65	-42.65	-43.52
March 14, 2007	0	57.55	0.20	-45.57	-40.43	-40.43	-40.59
March 15, 2007	0	57.95	0.29	-46.34	-41.33	-41.33	-41.55
March 16, 2007	0	56.94	0.34	-45.05	-39.83	-39.83	-40.20
March 17, 2007	0	56.01	0.19	-42.99	-37.45	-37.45	-37.52
March 18, 2007	0	59.36	0.36	-40.90	-35.78	-35.78	-36.38
March 19, 2007	0	61.83	10.09	-29.34	-24.07	-24.07	-38.85
March 20, 2007	0	61.53	5.38	-28.76	-23.42	-23.42	-33.27
March 21, 2007	0	63.21	4.41	-27.67	-22.64	-22.64	-30.88
March 22, 2007	0	66.79	0.07	-33.15	-28.89	-28.89	-29.08
March 23, 2007	0	76.76	6.68	-25.95	-22.99	-22.99	-35.02
March 24, 2007	0	76.37	6.55	-23.20	-20.11	-20.11	-31.37
March 25, 2007	0	79.48	9.54	-19.82	-17.10	-17.10	-29.29
March 26, 2007	0	80.43	9.90	-19.66	-17.10	-17.10	-28.43
March 27, 2007	0	62.34	2.25	-26.23	-20.92	-20.92	-24.89
March 28, 2007	0	76.58	3.17	-25.05	-22.05	-22.05	-27.41
March 29, 2007	0	72.95	0.31	-32.52	-29.20	-29.20	-30.06
March 30, 2007	0	65.93	0.68	-32.96	-28.58	-28.58	-30.45
March 31, 2007	0	62.19	0.45	-32.86	-27.92	-27.92	-29.05
April 1, 2007	0	60.71	0.37	-35.32	-30.19	-30.19	-31.23
April 2, 2007	0	61.20	0.00	-37.65	-32.61	-32.61	-32.61

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
April 3, 2007	0	66.84	0.89	-36.14	-32.05	-32.05	-34.43
April 4, 2007	0	61.94	0.00	-35.58	-30.56	-30.56	-30.56
April 5, 2007	0	64.04	0.05	-34.05	-29.29	-29.29	-29.45
April 6, 2007	0	65.22	0.04	-32.24	-27.63	-27.63	-27.76
April 7, 2007	0	68.65	0.04	-28.91	-24.82	-24.82	-24.93
April 8, 2007	0	71.39	0.01	-28.88	-25.23	-25.23	-25.26
April 9, 2007	0	81.41	3.78	-20.98	-18.57	-18.57	-24.63
April 10, 2007	0	75.04	0.47	-23.37	-20.09	-20.09	-21.08
April 11, 2007	0	74.89	2.22	-20.47	-17.04	-17.04	-20.86
April 12, 2007	0	74.68	1.31	-25.65	-22.37	-22.37	-25.43
April 13, 2007	0	66.40	0.61	-26.17	-21.37	-21.37	-22.85
April 14, 2007	0	76.63	1.79	-22.67	-19.58	-19.58	-22.60
April 15, 2007	0	76.63	0.54	-19.82	-16.71	-16.71	-17.70
April 16, 2007	0	73.55	0.00	-26.04	-22.59	-22.59	-22.60
April 17, 2007	0	82.34	10.80	-12.25	-9.83	-9.83	-17.77
April 18, 2007	0	70.38	9.12	-13.32	-8.85	-8.85	-17.71
April 19, 2007	0	64.16	3.22	-16.36	-10.89	-10.89	-15.75
April 20, 2007	0	73.16	0.00	-20.23	-16.50	-16.50	-16.51
April 21, 2007	0	71.68	0.04	-21.34	-17.46	-17.46	-17.55
April 22, 2007	0	71.10	1.24	-20.71	-16.68	-16.68	-18.20
April 23, 2007	0	59.98	3.13	-14.93	-8.52	-8.52	-12.57
April 24, 2007	0	70.46	0.74	-18.33	-14.14	-14.14	-15.44
April 25, 2007	0	66.38	0.82	-19.04	-14.18	-14.18	-15.58
April 26, 2007	0	69.45	0.00	-21.33	-17.09	-17.09	-17.09
April 27, 2007	0	-	1.03	-	-	-	-
April 28, 2007	0	-	5.65	-	-	-	-
April 29, 2007	0	-	3.97	-	-	-	-
April 30, 2007	0	85.17	3.95	-17.47	-15.55	-15.55	-23.07
May 1, 2007	0	83.46	3.75	-22.43	-20.33	-20.33	-28.86
May 2, 2007	0	84.75	2.53	-20.27	-18.31	-18.31	-24.43
May 3, 2007	0	84.42	1.22	-16.92	-14.89	-14.89	-17.04
May 4, 2007	0	89.81	5.45	-11.34	-9.98	-9.98	-16.79
May 5, 2007	0	86.13	5.59	-15.32	-13.48	-13.48	-22.15
May 6, 2007	0	83.94	3.42	-20.03	-17.99	-17.99	-25.31
May 7, 2007	0	85.46	1.46	-18.59	-16.75	-16.75	-19.39
May 8, 2007	0	83.45	2.92	-18.75	-16.64	-16.64	-22.51
May 9, 2007	0	84.49	5.12	-19.22	-17.22	-17.22	-26.55
May 10, 2007	0	85.23	3.86	-20.24	-18.37	-18.37	-26.55
May 11, 2007	0	82.88	5.69	-21.20	-19.01	-19.01	-29.19
May 12, 2007	0	82.36	2.01	-17.70	-15.34	-15.34	-19.59
May 13, 2007	0	84.01	4.16	-20.72	-18.67	-18.67	-27.38
May 14, 2007	0	83.09	4.16	-18.78	-16.56	-16.56	-24.68
May 15, 2007	0	85.22	3.81	-18.61	-16.69	-16.69	-24.50
May 16, 2007	0.1	84.20	2.18	-14.78	-12.69	-12.69	-16.98
May 17, 2007	0	72.84	3.69	-10.17	-5.97	-5.97	-10.72
May 18, 2007	0	72.31	0.30	-10.77	-6.62	-6.62	-7.04
May 19, 2007	0	77.23	4.39	-8.85	-5.50	-5.50	-10.73
May 20, 2007	0	79.27	3.29	-11.40	-8.43	-8.43	-12.77
May 21, 2007	0	84.42	3.15	-8.67	-6.46	-6.46	-10.39
May 22, 2007	0	78.01	3.79	-12.94	-9.81	-9.81	-14.91
May 23, 2007	0	73.21	2.39	-12.16	-8.14	-8.14	-11.48
May 24, 2007	0	65.47	4.01	-11.90	-6.46	-6.46	-10.90
May 25, 2007	0	64.71	0.90	-11.30	-5.62	-5.62	-6.76
May 26, 2007	0	72.48	0.00	-11.30	-7.16	-7.16	-7.16
May 27, 2007	0	73.40	2.85	-11.20	-7.15	-7.15	-10.23
May 28, 2007	0	64.35	13.23	-11.38	-5.67	-5.67	-15.43
May 29, 2007	0	64.23	8.89	-9.74	-3.89	-3.89	-11.28
May 30, 2007	0	81.71	1.95	-10.18	-7.63	-7.63	-10.32
May 31, 2007	0	75.07	0.48	-9.49	-5.71	-5.71	-6.39
June 1, 2007	0	72.01	0.03	-9.04	-4.77	-4.77	-4.80
June 2, 2007	0	79.47	0.02	-9.24	-6.28	-6.28	-6.31
June 3, 2007	0	64.67	0.23	-6.97	-0.92	-0.92	-1.11
June 4, 2007	0	53.96	4.09	-6.07	2.29	2.29	-0.67
June 5, 2007	0	54.24	1.65	-4.84	3.68	3.68	2.59
June 6, 2007	0	49.07	7.98	-3.84	6.08	6.08	2.11
June 7, 2007	0	81.30	6.89	0.47	3.42	3.42	-0.93
June 8, 2007	0	93.06	3.86	0.07	1.07	1.07	-2.67
June 9, 2007	0	71.29	6.57	-0.62	4.28	4.28	0.49
June 10, 2007	0	82.67	12.05	0.07	2.75	2.75	-3.91
June 11, 2007	0	90.32	7.47	-0.72	0.66	0.66	-5.20
June 12, 2007	0	92.82	3.86	-0.43	0.61	0.61	-3.23

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 13, 2007	0	90.71	0.23	-0.54	0.84	0.84	0.62
June 14, 2007	0	85.21	5.16	-0.43	1.88	1.88	-1.72
June 15, 2007	0	80.70	7.11	-1.49	1.49	1.49	-3.75
June 16, 2007	0	82.79	3.15	-1.52	1.17	1.17	-1.82
June 17, 2007	0	77.56	7.33	-1.10	2.56	2.56	-2.63
June 18, 2007	0	74.31	4.83	-0.80	3.42	3.42	-0.28
June 19, 2007	0	82.89	1.07	-0.68	1.94	1.94	0.96
June 20, 2007	0	64.98	9.46	-2.81	3.27	3.27	-1.61
June 21, 2007	0	63.30	5.41	-1.75	4.73	4.73	1.41
June 22, 2007	0	86.34	6.73	0.03	2.12	2.12	-3.01
June 23, 2007	0	83.56	2.13	-0.10	2.58	2.58	0.56
June 24, 2007	0	59.46	1.85	-2.12	5.63	5.63	4.42
June 25, 2007	0.9	65.62	4.48	-0.48	5.62	5.62	2.59
June 26, 2007	0	64.28	3.30	2.22	8.67	8.67	7.64
June 27, 2007	0	58.41	1.96	3.47	11.46	11.46	11.41
June 28, 2007	0	53.98	0.51	4.90	14.33	14.33	14.33
June 29, 2007	0	60.29	4.25	4.27	11.80	11.80	11.80
June 30, 2007	0	45.35	2.24	0.13	12.12	12.12	12.12
July 1, 2007	13.8	62.69	0.46	5.23	12.57	12.57	12.57
July 2, 2007	0	57.92	1.73	4.17	12.92	12.92	12.92
July 3, 2007	0	45.70	2.66	1.96	13.74	13.74	13.54
July 4, 2007	0	44.06	2.11	2.00	14.48	14.48	14.48
July 5, 2007	0	44.53	1.94	2.63	14.86	14.86	14.86
July 6, 2007	0	38.06	2.97	0.74	15.15	15.15	15.15
July 7, 2007	0	40.99	2.63	2.13	15.62	15.62	15.62
July 8, 2007	0	38.92	1.22	1.70	16.27	16.27	16.27
July 9, 2007	0	36.53	3.32	1.71	16.85	16.85	16.85
July 10, 2007	0	48.47	1.59	5.36	16.47	16.47	16.47
July 11, 2007	0	50.99	4.57	4.81	14.97	14.97	14.97
July 12, 2007	0	40.12	1.91	2.19	16.29	16.29	16.29
July 13, 2007	0	32.83	5.19	0.24	17.15	17.15	17.15
July 14, 2007	0	47.76	6.64	1.51	12.41	12.41	12.25
July 15, 2007	0	55.16	9.60	3.39	12.23	12.23	11.39
July 16, 2007	0	57.18	2.44	4.64	13.03	13.03	13.03
July 17, 2007	10.1	76.49	1.66	7.76	11.79	11.79	11.79
July 18, 2007	0.9	68.48	2.85	5.39	11.12	11.12	10.33
July 19, 2007	0.5	63.99	1.27	6.14	12.96	12.96	12.93
July 20, 2007	0	62.83	1.28	6.07	13.32	13.32	13.31
July 21, 2007	0	63.38	5.75	5.38	12.46	12.46	12.37
July 22, 2007	9.7	78.19	7.02	7.39	11.07	11.07	10.94
July 23, 2007	1.8	69.79	10.63	5.46	10.78	10.78	10.27
July 24, 2007	0	53.55	7.06	3.23	12.55	12.55	12.04
July 25, 2007	0	54.93	5.79	3.41	12.33	12.33	12.33
July 26, 2007	1	68.96	8.91	4.49	9.94	9.94	8.03
July 27, 2007	0	58.77	12.65	3.08	10.93	10.93	9.44
July 28, 2007	0	61.22	11.85	2.87	10.03	10.03	7.73
July 29, 2007	0	62.23	3.38	3.73	10.72	10.72	9.78
July 30, 2007	0	61.49	1.29	4.43	12.14	12.14	12.13
July 31, 2007	0	63.08	1.16	5.45	12.53	12.53	12.38
August 1, 2007	1.8	84.00	6.64	7.05	9.65	9.65	7.42
August 2, 2007	13.6	85.61	3.06	5.53	7.84	7.84	6.11
August 3, 2007	0.1	69.70	0.78	2.89	8.38	8.38	8.33
August 4, 2007	4.7	80.13	0.87	6.26	9.56	9.56	9.55
August 5, 2007	12.2	92.28	1.60	6.84	7.99	7.99	7.05
August 6, 2007	0.3	79.58	3.67	4.27	7.86	7.86	5.89
August 7, 2007	0	68.07	1.61	1.63	7.24	7.24	6.58
August 8, 2007	0	59.63	4.46	2.12	10.06	10.06	8.57
August 9, 2007	0.5	65.96	7.22	5.74	12.09	12.08	12.02
August 10, 2007	0.4	70.24	6.29	6.55	11.85	11.85	11.85
August 11, 2007	1.5	74.86	3.69	6.54	10.95	10.95	10.46
August 12, 2007	0	69.43	0.79	4.82	10.73	10.73	10.59
August 13, 2007	0	52.80	5.67	3.42	13.11	13.11	13.11
August 14, 2007	0	46.76	6.00	1.08	12.29	12.29	12.29
August 15, 2007	0	47.40	2.72	0.45	11.37	11.37	10.65
August 16, 2007	0	58.02	0.02	2.90	10.94	10.94	10.93
August 17, 2007	0	59.45	0.61	3.09	11.02	11.02	10.97
August 18, 2007	0	53.58	2.93	2.14	11.53	11.53	10.97
August 19, 2007	0	59.69	0.04	1.60	9.71	9.71	9.70
August 20, 2007	0	67.81	0.85	3.08	9.01	9.01	8.86
August 21, 2007	7.4	93.17	4.18	4.57	5.59	5.59	2.68
August 22, 2007	8.7	82.77	3.82	4.78	7.67	7.67	5.99

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 23, 2007	0	66.56	1.33	2.51	8.56	8.56	7.82
August 24, 2007	0	75.03	3.15	4.79	9.06	9.06	8.08
August 25, 2007	2.3	75.12	6.23	4.72	8.92	8.92	6.10
August 26, 2007	3.5	82.51	2.74	5.95	8.79	8.79	7.75
August 27, 2007	0.2	81.77	4.53	5.78	8.82	8.82	6.65
August 28, 2007	0	67.41	5.53	4.56	10.38	10.38	9.19
August 29, 2007	0.2	66.65	7.42	4.28	10.24	10.24	8.65
August 30, 2007	0	75.32	1.84	4.63	8.81	8.81	7.76
August 31, 2007	0	74.32	2.02	2.91	7.30	7.30	6.09
September 1, 2007	0	58.33	2.18	-0.84	7.04	7.04	5.61
September 2, 2007	0	68.71	0.06	0.04	5.54	5.54	5.51
September 3, 2007	0	66.54	1.80	-0.58	5.46	5.46	4.43
September 4, 2007	0	78.21	0.71	0.82	4.39	4.39	3.91
September 5, 2007	0.1	75.09	4.11	1.63	5.75	5.75	2.95
September 6, 2007	0	74.57	1.37	0.87	5.07	5.07	4.00
September 7, 2007	7.7	87.20	2.20	0.84	2.76	2.76	0.88
September 8, 2007	0.7	86.44	2.43	-0.68	1.37	1.37	-0.67
September 9, 2007	0.1	74.13	9.38	-2.93	1.19	1.19	-5.12
September 10, 2007	0.2	74.84	5.01	-3.70	0.34	0.34	-4.37
September 11, 2007	0	71.91	4.05	-3.92	0.58	0.58	-2.79
September 12, 2007	0	79.65	2.43	-4.18	-1.11	-1.11	-3.49
September 13, 2007	0	79.63	5.22	-3.79	-0.71	-0.71	-5.72
September 14, 2007	0	67.67	2.42	-5.36	0.09	0.09	-2.36
September 15, 2007	0	60.16	3.05	-6.63	0.24	0.24	-2.52
September 16, 2007	0	56.34	9.54	-7.75	-0.06	-0.06	-6.34
September 17, 2007	0	68.14	2.71	-5.97	-0.70	-0.70	-3.50
September 18, 2007	0.1	77.68	4.86	-6.34	-3.00	-3.00	-7.04
September 19, 2007	0	75.43	4.91	-7.28	-3.49	-3.49	-8.66
September 20, 2007	0	76.44	1.01	-8.13	-4.55	-4.55	-5.81
September 21, 2007	0	72.37	2.26	-8.09	-3.83	-3.83	-6.73
September 22, 2007	0	66.78	1.33	-8.64	-3.15	-3.15	-4.72
September 23, 2007	0	72.16	0.00	-7.91	-3.46	-3.46	-3.46
September 24, 2007	0	86.11	0.83	-7.50	-5.56	-5.56	-6.64
September 25, 2007	0	85.26	0.43	-7.10	-4.97	-4.97	-5.54
September 26, 2007	0	85.04	2.66	-8.55	-6.49	-6.49	-9.81
September 27, 2007	0	89.35	0.54	-7.53	-6.06	-6.06	-6.81
September 28, 2007	0.3	90.44	0.98	-7.90	-6.57	-6.57	-7.81
September 29, 2007	0.1	79.89	0.16	-10.77	-7.90	-7.90	-8.14
September 30, 2007	0	84.41	9.22	-6.52	-4.31	-4.31	-10.70
October 1, 2007	0	80.22	13.44	-4.56	-1.46	-1.46	-9.83
October 2, 2007	0	74.98	5.21	-8.04	-4.22	-4.22	-9.28
October 3, 2007	0	74.75	2.46	-9.87	-5.92	-5.92	-8.10
October 4, 2007	0	73.16	14.44	-6.89	-2.67	-2.67	-11.87
October 5, 2007	0	75.25	5.83	-6.20	-2.31	-2.31	-7.07
October 6, 2007	0	87.09	1.97	-9.56	-7.81	-7.81	-10.35
October 7, 2007	0	94.01	8.61	-4.39	-3.56	-3.56	-11.17
October 8, 2007	0	95.35	3.40	-2.07	-1.42	-1.42	-4.89
October 9, 2007	0	92.50	2.28	-3.63	-2.59	-2.59	-5.10
October 10, 2007	0	95.51	5.92	-4.24	-3.63	-3.63	-9.31
October 11, 2007	0	95.88	1.86	-4.73	-4.18	-4.18	-6.34
October 12, 2007	0	89.45	8.27	-4.61	-3.13	-3.13	-10.47
October 13, 2007	0.1	98.87	5.08	-0.82	-0.66	-0.66	-5.33
October 14, 2007	0	95.07	3.33	-5.13	-4.47	-4.47	-8.17
October 15, 2007	0	90.31	1.66	-10.90	-9.58	-9.58	-11.97
October 16, 2007	0	79.26	9.70	-11.85	-8.92	-8.92	-18.13
October 17, 2007	0	81.70	0.39	-17.97	-15.64	-15.64	-16.34
October 18, 2007	0	82.40	0.04	-24.33	-22.17	-22.17	-22.28
October 19, 2007	0	79.78	0.17	-27.59	-25.09	-25.09	-25.20
October 20, 2007	0	80.58	0.22	-26.56	-24.15	-24.15	-24.66
October 21, 2007	0	78.49	3.57	-17.57	-14.68	-14.68	-20.34
October 22, 2007	0	79.18	0.55	-22.29	-19.72	-19.72	-20.74
October 23, 2007	0	78.83	0.20	-27.98	-25.42	-25.42	-26.01
October 24, 2007	0	81.53	0.00	-25.27	-22.99	-22.99	-23.00
October 25, 2007	0	83.79	0.39	-22.26	-20.26	-20.26	-21.10
October 26, 2007	0	73.40	1.89	-20.84	-17.10	-17.10	-20.16
October 27, 2007	0	80.08	0.98	-23.62	-21.11	-21.11	-23.29
October 28, 2007	0	79.91	0.12	-27.19	-24.72	-24.72	-25.03
October 29, 2007	0	83.50	0.91	-22.93	-20.88	-20.88	-22.83
October 30, 2007	0	81.59	0.03	-25.06	-22.81	-22.81	-22.90
October 31, 2007	0	82.90	0.27	-23.16	-21.03	-21.03	-21.50
November 1, 2007	0	79.37	4.53	-15.18	-12.32	-12.32	-18.48

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 2, 2007	0	87.26	0.09	-18.59	-16.97	-16.97	-17.19
November 3, 2007	0	83.99	1.40	-20.38	-18.33	-18.33	-21.27
November 4, 2007	0	78.65	5.16	-24.84	-22.12	-22.12	-29.06
November 5, 2007	0	84.40	6.46	-16.53	-14.48	-14.48	-22.18
November 6, 2007	0	74.64	4.90	-28.35	-25.20	-25.20	-35.48
November 7, 2007	0	74.86	7.95	-25.94	-22.69	-22.69	-33.92
November 8, 2007	0	82.71	14.84	-17.36	-15.09	-15.09	-28.98
November 9, 2007	0	72.18	5.08	-24.25	-20.49	-20.49	-29.55
November 10, 2007	0	77.22	5.69	-26.25	-23.38	-23.38	-34.30
November 11, 2007	0	80.19	9.88	-20.41	-17.81	-17.81	-28.88
November 12, 2007	0	79.34	7.31	-14.84	-11.98	-11.98	-19.52
November 13, 2007	0	83.08	1.79	-18.92	-16.73	-16.73	-20.15
November 14, 2007	0	76.10	0.79	-26.27	-23.23	-23.23	-25.12
November 15, 2007	0	74.03	0.92	-33.44	-30.31	-30.31	-32.96
November 16, 2007	0	68.04	2.23	-31.76	-27.66	-27.66	-32.59
November 17, 2007	0	76.83	13.96	-21.55	-18.46	-18.46	-32.96
November 18, 2007	0	84.03	15.89	-13.83	-11.66	-11.66	-23.83
November 19, 2007	0	83.46	4.69	-17.19	-15.02	-15.02	-22.26
November 20, 2007	0	76.62	0.72	-22.71	-19.64	-19.64	-21.08
November 21, 2007	0	80.72	1.12	-26.25	-23.86	-23.86	-26.26
November 22, 2007	0	78.45	0.09	-28.70	-26.05	-26.05	-26.29
November 23, 2007	0	77.09	2.74	-27.40	-24.50	-24.50	-30.09
November 24, 2007	0	73.56	0.94	-28.87	-25.53	-25.53	-27.41
November 25, 2007	0	74.43	0.22	-31.72	-28.61	-28.61	-29.20
November 26, 2007	0	72.58	0.47	-35.20	-31.87	-31.87	-33.15
November 27, 2007	0	70.99	6.40	-27.58	-23.77	-23.77	-35.73
November 28, 2007	0	75.77	2.85	-24.72	-21.57	-21.57	-27.60
November 29, 2007	0	74.99	0.03	-32.35	-29.32	-29.32	-29.41
November 30, 2007	0	77.50	0.02	-29.36	-26.62	-26.62	-26.67
December 1, 2007	0	71.14	0.39	-30.44	-26.76	-26.76	-27.68
December 2, 2007	0	74.28	0.01	-33.05	-29.93	-29.93	-29.97
December 3, 2007	0	72.63	0.07	-34.74	-31.44	-31.44	-31.65
December 4, 2007	0.1	74.88	1.01	-32.52	-29.45	-29.45	-32.18
December 5, 2007	0	80.30	0.21	-26.47	-24.05	-24.05	-24.58
December 6, 2007	0	76.27	4.52	-26.44	-23.41	-23.41	-29.15
December 7, 2007	0	69.43	9.09	-20.21	-15.84	-15.84	-26.22
December 8, 2007	0	69.55	3.93	-20.71	-16.42	-16.42	-22.24
December 9, 2007	0	65.78	8.61	-22.44	-17.53	-17.53	-27.25
December 10, 2007	0	68.92	1.74	-21.61	-17.20	-17.20	-19.76
December 11, 2007	0	75.28	0.36	-29.37	-26.37	-26.37	-27.29
December 12, 2007	0	72.54	0.01	-34.69	-31.39	-31.39	-31.40
December 13, 2007	0	72.68	0.02	-34.33	-31.04	-31.03	-31.09
December 14, 2007	0	72.38	0.01	-34.67	-31.34	-31.34	-31.37
December 15, 2007	0	67.31	0.00	-40.02	-36.16	-36.16	-36.17
December 16, 2007	0	66.82	0.00	-40.34	-36.41	-36.41	-36.41
December 17, 2007	0	65.56	0.00	-41.59	-37.53	-37.53	-37.53
December 18, 2007	0	63.98	0.00	-43.05	-38.83	-38.83	-38.83
December 19, 2007	0	63.22	0.00	-43.71	-39.41	-39.41	-39.41
December 20, 2007	0	70.75	2.09	-34.72	-31.16	-31.16	-34.71
December 21, 2007	0	72.73	9.14	-22.12	-18.39	-18.39	-30.42
December 22, 2007	0	66.76	1.33	-28.54	-24.05	-24.05	-26.84
December 23, 2007	0	69.18	0.52	-37.22	-33.53	-33.53	-34.89
December 24, 2007	0	65.60	0.61	-41.56	-37.51	-37.51	-38.54
December 25, 2007	0	66.85	2.13	-38.86	-34.87	-34.87	-41.95
December 26, 2007	0	65.64	1.20	-36.34	-32.06	-32.06	-35.55
December 27, 2007	0	66.35	0.39	-41.02	-37.04	-37.04	-37.30
December 28, 2007	0	64.04	0.30	-43.14	-38.91	-38.91	-38.93
December 29, 2007	0	62.79	0.36	-44.12	-39.77	-39.77	-40.01
December 30, 2007	0	62.04	0.29	-44.71	-40.29	-40.29	-40.37
December 31, 2007	0	60.34	0.30	-46.42	-41.83	-41.83	-41.83
January 1, 2008	0	61.19	0.45	-45.68	-41.14	-41.14	-41.22
January 2, 2008	0	60.90	0.36	-45.71	-41.17	-41.17	-41.25
January 3, 2008	0	60.73	0.31	-46.09	-41.51	-41.51	-41.53
January 4, 2008	0	61.50	0.38	-45.19	-40.69	-40.69	-41.01
January 5, 2008	0	60.59	0.38	-46.26	-41.66	-41.66	-42.12
January 6, 2008	0	57.50	0.50	-49.10	-44.22	-44.22	-44.90
January 7, 2008	0	58.73	0.74	-47.65	-42.88	-42.88	-44.59
January 8, 2008	0	63.42	0.59	-43.14	-38.81	-38.81	-39.84
January 9, 2008	0	67.43	0.55	-39.46	-35.54	-35.54	-36.33
January 10, 2008	0	70.54	0.34	-36.30	-32.75	-32.74	-32.88
January 11, 2008	0	71.74	0.44	-35.25	-31.83	-31.83	-32.06

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 12, 2008	0	70.46	0.32	-36.67	-33.11	-33.11	-33.31
January 13, 2008	0	69.70	0.32	-37.47	-33.82	-33.81	-33.96
January 14, 2008	0	78.10	2.89	-28.37	-25.67	-25.67	-30.81
January 15, 2008	0	74.51	8.54	-25.09	-21.78	-21.78	-34.91
January 16, 2008	0	77.77	12.87	-22.55	-19.66	-19.66	-34.36
January 17, 2008	0	74.69	15.03	-20.94	-17.49	-17.49	-32.35
January 18, 2008	0	63.90	6.27	-24.30	-19.13	-19.13	-28.82
January 19, 2008	0	59.16	3.95	-29.04	-23.20	-23.20	-31.71
January 20, 2008	0	73.56	12.27	-24.57	-21.07	-21.07	-35.63
January 21, 2008	0	69.31	12.41	-20.08	-15.54	-15.54	-28.17
January 22, 2008	0	53.20	7.46	-22.65	-15.10	-15.10	-25.13
January 23, 2008	0	67.96	1.16	-30.63	-26.45	-26.45	-28.84
January 24, 2008	0	73.38	1.16	-32.33	-29.08	-29.08	-31.67
January 25, 2008	0	77.32	0.87	-28.58	-25.78	-25.78	-27.13
January 26, 2008	0	76.98	0.71	-29.20	-26.37	-26.37	-27.51
January 27, 2008	0	69.92	0.39	-37.37	-33.79	-33.79	-33.98
January 28, 2008	0	62.82	0.33	-44.52	-40.18	-40.18	-40.59
January 29, 2008	0	71.31	5.56	-34.21	-30.74	-30.74	-40.03
January 30, 2008	0	77.31	14.62	-19.82	-16.78	-16.78	-31.15
January 31, 2008	0	84.51	14.57	-11.64	-9.52	-9.52	-21.29
February 1, 2008	0	76.98	7.94	-8.41	-5.03	-5.03	-12.76
February 2, 2008	0	87.21	7.67	-15.90	-14.26	-14.26	-24.43
February 3, 2008	0	70.09	3.62	-35.98	-32.37	-32.37	-40.40
February 4, 2008	0	65.98	1.44	-41.41	-37.41	-37.41	-40.64
February 5, 2008	0	61.00	2.46	-44.02	-39.39	-39.39	-46.06
February 6, 2008	0	56.87	0.40	-50.21	-45.31	-45.31	-45.38
February 7, 2008	0	55.77	0.46	-51.06	-46.02	-46.02	-46.28
February 8, 2008	0	52.92	0.32	-53.69	-48.33	-48.33	-48.33
February 9, 2008	0	54.09	0.82	-52.30	-47.07	-47.07	-49.42
February 10, 2008	0	58.88	7.36	-44.91	-39.98	-39.98	-56.08
February 11, 2008	0	57.38	4.99	-38.80	-33.25	-33.25	-43.76
February 12, 2008	0	61.85	0.92	-41.34	-36.68	-36.68	-38.46
February 13, 2008	0	61.66	0.64	-44.24	-39.74	-39.74	-40.90
February 14, 2008	0	59.45	0.41	-47.41	-42.70	-42.70	-42.95
February 15, 2008	0	59.49	0.46	-47.05	-42.35	-42.35	-42.96
February 16, 2008	0	63.80	1.13	-42.61	-38.34	-38.34	-41.40
February 17, 2008	0	67.50	1.18	-38.86	-34.98	-34.98	-38.01
February 18, 2008	0	66.63	0.49	-40.11	-36.15	-36.15	-36.52
February 19, 2008	0	64.11	0.65	-42.68	-38.44	-38.44	-39.29
February 20, 2008	0	64.21	0.97	-42.57	-38.34	-38.34	-40.69
February 21, 2008	0	67.88	1.62	-38.64	-34.80	-34.80	-39.31
February 22, 2008	0	65.58	0.80	-41.52	-37.46	-37.46	-39.11
February 23, 2008	0	51.69	3.73	-34.20	-27.11	-27.11	-35.77
February 24, 2008	0	57.08	6.66	-30.36	-24.19	-24.19	-35.22
February 25, 2008	0	63.39	1.45	-33.84	-29.09	-29.09	-32.38
February 26, 2008	0	67.08	1.31	-34.34	-30.23	-30.23	-33.40
February 27, 2008	0	68.33	0.48	-38.35	-34.54	-34.54	-34.94
February 28, 2008	0	67.67	0.70	-38.37	-34.51	-34.51	-35.63
February 29, 2008	0	65.31	0.81	-40.73	-36.58	-36.58	-38.15
March 1, 2008	0	62.26	0.40	-43.77	-39.30	-39.30	-39.73
March 2, 2008	0	65.27	1.51	-39.94	-35.75	-35.75	-38.85
March 3, 2008	0	69.19	9.92	-29.15	-25.12	-25.12	-40.03
March 4, 2008	0	77.59	13.41	-21.45	-18.50	-18.50	-33.10
March 5, 2008	0	66.17	8.20	-21.14	-16.22	-16.22	-26.48
March 6, 2008	0	74.87	1.21	-26.54	-23.35	-23.35	-25.59
March 7, 2008	0	72.28	3.78	-30.90	-27.43	-27.43	-37.09
March 8, 2008	0	66.55	5.72	-31.56	-27.20	-27.20	-38.55
March 9, 2008	0	67.36	0.47	-37.33	-33.35	-33.35	-33.47
March 10, 2008	0	65.20	1.12	-37.89	-33.60	-33.60	-36.58
March 11, 2008	0	63.58	1.13	-38.71	-34.19	-34.19	-37.09
March 12, 2008	0	62.42	1.16	-38.74	-34.01	-34.01	-37.01
March 13, 2008	0	65.97	1.26	-37.50	-33.31	-33.31	-36.68
March 14, 2008	0	66.73	4.26	-36.40	-32.28	-32.28	-41.47
March 15, 2008	0	63.08	7.65	-32.56	-27.66	-27.66	-41.94
March 16, 2008	0	55.36	6.12	-27.36	-20.68	-20.68	-31.20
March 17, 2008	0	63.91	5.35	-31.88	-27.09	-27.09	-38.54
March 18, 2008	0	64.71	8.34	-37.12	-32.72	-32.72	-49.05
March 19, 2008	0	63.76	3.54	-34.09	-29.37	-29.37	-37.25
March 20, 2008	0	64.93	0.85	-40.06	-35.79	-35.79	-37.41
March 21, 2008	0	62.79	1.18	-40.95	-36.41	-36.41	-39.13
March 22, 2008	0	60.90	4.82	-38.87	-33.93	-33.93	-46.37

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 23, 2008	0	-	8.45	-	-	-	-
March 24, 2008	0	59.30	8.15	-23.82	-17.58	-17.58	-28.34
March 25, 2008	0	60.73	2.92	-23.01	-16.98	-16.98	-22.41
March 26, 2008	0	77.86	1.56	-24.64	-21.84	-21.84	-24.73
March 27, 2008	0	74.75	0.74	-27.61	-24.40	-24.40	-25.28
March 28, 2008	0	71.94	4.32	-31.49	-28.01	-28.01	-38.02
March 29, 2008	0	68.30	7.06	-31.86	-27.81	-27.81	-41.52
March 30, 2008	0	76.56	9.30	-24.25	-21.21	-21.21	-34.67
March 31, 2008	0	78.32	8.35	-21.81	-18.98	-18.98	-31.14
April 1, 2008	0	68.25	12.17	-15.08	-10.23	-10.23	-21.40
April 2, 2008	0	49.76	9.48	-18.30	-9.65	-9.65	-19.45
April 3, 2008	0	73.53	3.48	-18.29	-14.58	-14.58	-20.39
April 4, 2008	0	61.49	2.16	-17.62	-11.47	-11.47	-13.90
April 5, 2008	0	48.17	10.72	-15.66	-6.49	-6.49	-15.16
April 6, 2008	0	70.68	1.43	-16.69	-12.44	-12.44	-14.47
April 7, 2008	0	81.40	4.98	-18.21	-15.73	-15.73	-23.98
April 8, 2008	0	81.74	6.60	-20.19	-17.82	-17.82	-28.38
April 9, 2008	0	80.07	5.33	-17.90	-15.25	-15.25	-23.94
April 10, 2008	0	79.71	1.74	-18.24	-15.49	-15.49	-18.84
April 11, 2008	0	72.90	0.51	-23.00	-19.34	-19.34	-20.09
April 12, 2008	0	63.19	4.86	-22.71	-17.27	-17.27	-24.46
April 13, 2008	0	65.10	0.88	-26.23	-21.47	-21.47	-23.08
April 14, 2008	0	67.49	4.24	-26.38	-21.83	-21.83	-27.74
April 15, 2008	0	65.59	9.11	-17.79	-12.62	-12.62	-23.07
April 16, 2008	0	67.91	0.07	-18.80	-14.15	-14.15	-14.25
April 17, 2008	0	66.16	0.13	-21.47	-16.59	-16.59	-16.64
April 18, 2008	0	75.90	2.48	-23.29	-20.16	-20.16	-25.84
April 19, 2008	0	75.43	3.28	-24.81	-21.63	-21.63	-28.24
April 20, 2008	0	70.25	1.71	-28.37	-24.51	-24.51	-28.76
April 21, 2008	0	72.13	1.85	-25.97	-22.32	-22.32	-25.70
April 22, 2008	0	76.05	3.65	-22.97	-19.78	-19.78	-26.09
April 23, 2008	0	68.60	0.74	-20.58	-16.01	-16.01	-16.98
April 24, 2008	0	71.06	11.95	-13.34	-8.94	-8.94	-19.57
April 25, 2008	0	88.14	11.31	-12.00	-10.43	-10.43	-21.25
April 26, 2008	0	81.54	4.45	-18.12	-15.67	-15.67	-23.03
April 27, 2008	0	74.93	3.44	-19.53	-16.11	-16.11	-22.63
April 28, 2008	0	65.19	6.93	-17.90	-12.73	-12.73	-21.62
April 29, 2008	0	78.93	6.23	-11.12	-8.12	-8.12	-14.30
April 30, 2008	0	77.98	5.28	-10.40	-7.17	-7.17	-12.95
May 1, 2008	3.2	67.43	0.94	-11.30	-6.04	-6.04	-7.41
May 2, 2008	0.8	68.79	2.58	-11.29	-6.45	-6.45	-8.91
May 3, 2008	1.5	73.76	0.30	-11.61	-7.68	-7.68	-7.99
May 4, 2008	3.5	76.47	1.94	-9.48	-5.99	-5.99	-7.83
May 5, 2008	3.2	85.65	0.68	-4.83	-2.78	-2.78	-3.59
May 6, 2008	4.3	73.38	2.48	-6.93	-2.77	-2.77	-5.31
May 7, 2008	2.7	74.46	3.96	-6.53	-2.56	-2.56	-6.71
May 8, 2008	4.6	76.56	0.02	-6.79	-3.23	-3.23	-3.25
May 9, 2008	0	78.42	0.22	-6.85	-3.55	-3.55	-3.78
May 10, 2008	0	76.07	0.08	-6.85	-3.17	-3.17	-3.25
May 11, 2008	0	68.14	0.00	-6.49	-1.21	-1.21	-1.21
May 12, 2008	0	67.37	0.00	-6.32	-0.72	-0.72	-0.72
May 13, 2008	0	74.41	0.04	-5.47	-1.48	-1.48	-1.50
May 14, 2008	0	50.74	2.81	-5.40	4.28	4.28	2.51
May 15, 2008	0	58.61	2.75	-5.36	1.99	1.99	-0.41
May 16, 2008	0	55.67	8.82	-4.64	3.77	3.77	-1.09
May 17, 2008	0	64.06	9.12	-2.24	4.00	4.00	-1.47
May 18, 2008	0	69.77	7.71	-1.20	3.94	3.94	-1.02
May 19, 2008	0	59.42	3.21	-3.33	4.41	4.41	2.23
May 20, 2008	0	41.06	5.31	-9.00	3.21	3.20	-0.69
May 21, 2008	0	91.47	3.89	-0.18	1.14	1.14	-2.24
May 22, 2008	0	85.46	4.24	-1.96	0.29	0.29	-3.62
May 23, 2008	0	76.66	5.70	-3.43	0.27	0.27	-4.93
May 24, 2008	0	70.61	4.25	-4.31	0.54	0.54	-2.83
May 25, 2008	0	63.10	3.97	-7.26	-1.06	-1.06	-5.17
May 26, 2008	0	63.39	3.59	-7.90	-1.78	-1.78	-5.58
May 27, 2008	0	67.69	3.28	-5.40	-0.03	-0.03	-3.38
May 28, 2008	0	69.56	3.15	-4.53	0.49	0.49	-2.59
May 29, 2008	0	63.44	6.03	-7.10	-0.96	-0.96	-6.57
May 30, 2008	0	59.72	5.53	-7.30	-0.20	-0.20	-5.27
May 31, 2008	0	73.42	2.55	-5.41	-1.25	-1.25	-4.07
June 1, 2008	0	79.07	2.29	-6.30	-3.10	-3.10	-5.98

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 2, 2008	0	68.44	2.45	-4.58	0.79	0.79	-1.45
June 3, 2008	0	77.60	7.00	-0.01	3.62	3.62	-0.43
June 4, 2008	0	70.09	8.56	-0.87	4.22	4.22	-0.99
June 5, 2008	0	73.83	7.91	-0.95	3.55	3.55	-1.01
June 6, 2008	0	71.35	1.42	-1.62	3.30	3.30	2.26
June 7, 2008	0	64.93	5.76	-1.36	4.68	4.68	0.91
June 8, 2008	0	75.34	2.62	-0.83	3.22	3.22	1.36
June 9, 2008	0	79.06	9.51	-0.83	2.46	2.46	-3.43
June 10, 2008	0	73.78	12.58	-1.64	2.59	2.59	-4.26
June 11, 2008	0	81.65	9.83	-0.91	1.95	1.95	-4.31
June 12, 2008	0	79.79	10.42	0.25	3.43	3.43	-2.55
June 13, 2008	0	86.97	4.31	0.45	2.47	2.47	-0.90
June 14, 2008	0	89.86	7.18	-0.66	0.83	0.83	-4.47
June 15, 2008	0	72.82	5.57	-0.04	4.73	4.73	0.85
June 16, 2008	0	-	6.51	-	-	-	-
June 17, 2008	-	-	-	-	-	-	-
June 18, 2008	-	-	-	-	-	-	-
June 19, 2008	-	-	-	-	-	-	-
June 20, 2008	-	-	-	-	-	-	-
June 21, 2008	-	-	-	-	-	-	-
June 22, 2008	-	-	-	-	-	-	-
June 23, 2008	-	-	-	-	-	-	-
June 24, 2008	-	-	-	-	-	-	-
June 25, 2008	-	-	-	-	-	-	-
June 26, 2008	-	-	-	-	-	-	-
June 27, 2008	-	-	-	-	-	-	-
June 28, 2008	-	-	-	-	-	-	-
June 29, 2008	-	-	-	-	-	-	-
June 30, 2008	-	-	-	-	-	-	-
July 1, 2008	-	-	-	-	-	-	-
July 2, 2008	-	-	-	-	-	-	-
July 3, 2008	-	-	-	-	-	-	-
July 4, 2008	-	-	-	-	-	-	-
July 5, 2008	-	-	-	-	-	-	-
July 6, 2008	-	-	-	-	-	-	-
July 7, 2008	-	-	-	-	-	-	-
July 8, 2008	-	-	-	-	-	-	-
July 9, 2008	-	-	-	-	-	-	-
July 10, 2008	-	-	-	-	-	-	-
July 11, 2008	-	-	-	-	-	-	-
July 12, 2008	-	-	-	-	-	-	-
July 13, 2008	-	-	-	-	-	-	-
July 14, 2008	-	-	-	-	-	-	-
July 15, 2008	-	-	-	-	-	-	-
July 16, 2008	-	-	-	-	-	-	-
July 17, 2008	-	-	-	-	-	-	-
July 18, 2008	-	-	-	-	-	-	-
July 19, 2008	-	-	-	-	-	-	-
July 20, 2008	-	-	-	-	-	-	-
July 21, 2008	-	-	-	-	-	-	-
July 22, 2008	-	-	-	-	-	-	-
July 23, 2008	-	-	-	-	-	-	-
July 24, 2008	-	-	-	-	-	-	-
July 25, 2008	-	-	-	-	-	-	-
July 26, 2008	0	72.63	1.13	6.27	11.23	11.23	10.98
July 27, 2008	0	60.41	4.80	5.28	13.07	13.07	13.07
July 28, 2008	3.7	78.74	10.96	5.63	9.19	9.19	5.59
July 29, 2008	3.1	89.86	6.29	6.43	7.98	7.98	4.69
July 30, 2008	4.3	91.89	4.89	7.01	8.21	8.21	5.56
July 31, 2008	0.3	81.62	1.50	6.15	9.34	9.34	8.41
August 1, 2008	0	68.64	0.06	6.45	12.44	12.44	12.41
August 2, 2008	0	60.97	0.20	7.37	15.35	15.35	15.35
August 3, 2008	0	53.62	0.53	7.29	17.10	17.10	17.10
August 4, 2008	0	56.16	0.53	8.06	17.11	17.11	17.11
August 5, 2008	0	70.97	3.48	10.22	15.76	15.76	15.76
August 6, 2008	0.7	73.64	3.85	11.64	16.45	16.45	16.45
August 7, 2008	0	57.61	5.10	8.62	17.25	17.25	17.25
August 8, 2008	0	67.69	2.21	8.72	14.87	14.87	14.87
August 9, 2008	0.3	81.48	3.03	6.51	9.60	9.60	8.18
August 10, 2008	1.8	88.34	4.73	6.65	8.53	8.53	6.33
August 11, 2008	0.8	82.58	3.34	4.83	7.70	7.70	5.67

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 12, 2008	20.1	93.45	7.05	6.69	7.66	7.66	4.11
August 13, 2008	0.1	-	11.44	-	-	-	-
August 14, 2008	-	-	-	-	-	-	-
August 15, 2008	-	-	-	-	-	-	-
August 16, 2008	-	-	-	-	-	-	-
August 17, 2008	-	-	-	-	-	-	-
August 18, 2008	-	-	-	-	-	-	-
August 19, 2008	-	-	-	-	-	-	-
August 20, 2008	-	-	-	-	-	-	-
August 21, 2008	-	-	-	-	-	-	-
August 22, 2008	0	-	0.14	-	-	-	-
August 23, 2008	0	84.86	1.21	-0.11	2.20	2.20	1.05
August 24, 2008	6.2	91.84	6.99	0.51	1.69	1.69	-3.60
August 25, 2008	0.4	-	4.14	-	-	-	-
August 26, 2008	-	-	-	-	-	-	-
August 27, 2008	-	-	-	-	-	-	-
August 28, 2008	-	-	-	-	-	-	-
August 29, 2008	-	-	-	-	-	-	-
August 30, 2008	-	-	-	-	-	-	-
August 31, 2008	-	-	-	-	-	-	-
September 1, 2008	-	-	-	-	-	-	-
September 2, 2008	0	-	1.92	-	-	-	-
September 3, 2008	0	70.36	0.53	1.36	6.53	6.53	6.18
September 4, 2008	0	81.20	1.08	2.45	5.54	5.54	4.89
September 5, 2008	0	90.44	0.92	1.80	3.23	3.23	2.39
September 6, 2008	0.1	85.64	2.45	-3.08	-0.92	-0.92	-3.51
September 7, 2008	0.9	91.03	0.23	-2.18	-0.90	-0.90	-1.13
September 8, 2008	2.7	94.07	1.16	-2.37	-1.56	-1.56	-2.73
September 9, 2008	2.4	88.52	6.48	-1.76	-0.08	-0.08	-5.43
September 10, 2008	2.6	83.36	7.82	-0.91	1.71	1.71	-4.01
September 11, 2008	0	76.20	9.65	-2.40	1.38	1.38	-5.06
September 12, 2008	0.1	-	7.64	-	-	-	-
September 13, 2008	-	-	-	-	-	-	-
September 14, 2008	-	-	-	-	-	-	-
September 15, 2008	-	-	-	-	-	-	-
September 16, 2008	-	-	-	-	-	-	-
September 17, 2008	-	-	-	-	-	-	-
September 18, 2008	-	-	-	-	-	-	-
September 19, 2008	-	-	-	-	-	-	-
September 20, 2008	-	-	-	-	-	-	-
September 21, 2008	-	-	-	-	-	-	-
September 22, 2008	0	-	1.57	-	-	-	-
September 23, 2008	0	88.35	3.65	-7.00	-5.39	-5.39	-9.93
September 24, 2008	0	76.04	7.53	-7.14	-3.43	-3.43	-9.24
September 25, 2008	0	75.46	14.06	-5.44	-1.63	-1.63	-10.35
September 26, 2008	0	71.99	13.47	-4.98	-0.53	-0.53	-8.67
September 27, 2008	0	69.57	5.46	-8.44	-3.65	-3.65	-9.54
September 28, 2008	0	87.64	5.05	-8.65	-6.95	-6.95	-13.47
September 29, 2008	0	86.82	2.80	-10.58	-8.77	-8.77	-13.24
September 30, 2008	0	72.05	2.93	-13.70	-9.52	-9.52	-13.79
October 1, 2008	0	77.64	1.16	-15.68	-12.60	-12.60	-14.15
October 2, 2008	0	81.37	0.47	-14.74	-12.22	-12.22	-12.29
October 3, 2008	0	82.60	0.69	-15.56	-13.23	-13.23	-13.76
October 4, 2008	0	95.58	2.41	-6.51	-5.93	-5.93	-9.06
October 5, 2008	0	84.38	2.74	-9.08	-6.87	-6.87	-10.06
October 6, 2008	0	83.24	0.60	-22.46	-20.43	-20.43	-20.76
October 7, 2008	0	79.35	4.96	-10.95	-7.86	-7.86	-12.32
October 8, 2008	0.1	88.75	4.94	-3.68	-2.07	-2.07	-6.77
October 9, 2008	0	78.20	6.10	-6.99	-3.70	-3.70	-10.01
October 10, 2008	0	84.15	5.88	-10.17	-7.97	-7.97	-15.09
October 11, 2008	0	78.91	2.72	-15.67	-12.79	-12.79	-17.61
October 12, 2008	0	90.30	7.57	-12.27	-11.02	-11.02	-18.88
October 13, 2008	0	84.20	4.80	-7.15	-4.83	-4.83	-10.29
October 14, 2008	0	74.50	6.31	-11.08	-7.33	-7.33	-14.26
October 15, 2008	0	-	1.05	-	-	-	-
October 16, 2008	-	-	-	-	-	-	-
October 17, 2008	-	-	-	-	-	-	-
October 18, 2008	0	-	3.93	-	-	-	-
October 19, 2008	0	77.76	2.47	-24.68	-21.87	-21.87	-26.80
October 20, 2008	0	81.03	2.50	-23.34	-20.96	-20.96	-25.14
October 21, 2008	0	85.34	2.70	-18.69	-16.82	-16.82	-21.64

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
October 22, 2008	0	77.98	2.15	-19.90	-16.98	-16.98	-21.20
October 23, 2008	0	75.60	2.29	-25.09	-21.90	-21.90	-25.14
October 24, 2008	0	63.55	11.48	-16.39	-10.78	-10.78	-21.81
October 25, 2008	0	60.77	11.28	-12.63	-6.16	-6.16	-15.63
October 26, 2008	0	83.55	12.73	-5.52	-3.13	-3.13	-12.02
October 27, 2008	0	79.06	6.86	-6.26	-3.13	-3.13	-9.24
October 28, 2008	0	86.37	4.86	-13.34	-11.52	-11.52	-18.47
October 29, 2008	0	79.02	2.66	-19.91	-17.10	-17.10	-21.96
October 30, 2008	0	75.22	8.50	-20.97	-17.61	-17.61	-29.22
October 31, 2008	0	78.31	2.60	-25.47	-22.73	-22.73	-28.40
November 1, 2008	0	75.89	5.08	-21.48	-18.20	-18.20	-24.74
November 2, 2008	0	71.79	5.12	-21.93	-18.04	-18.04	-27.22
November 3, 2008	0	78.14	1.35	-27.64	-24.94	-24.94	-27.47
November 4, 2008	0	63.95	4.98	-23.10	-17.78	-17.78	-25.27
November 5, 2008	0	76.31	1.90	-22.68	-19.49	-19.49	-23.20
November 6, 2008	0	72.58	4.32	-23.02	-19.20	-19.20	-25.54
November 7, 2008	0	78.91	1.10	-26.48	-23.84	-23.84	-25.78
November 8, 2008	0	78.47	0.71	-28.42	-25.79	-25.79	-26.78
November 9, 2008	0	79.37	1.13	-25.13	-22.50	-22.50	-24.15
November 10, 2008	0	71.34	4.38	-18.77	-14.65	-14.65	-21.54
November 11, 2008	0	83.41	1.04	-22.95	-20.87	-20.87	-22.17
November 12, 2008	0	76.22	8.93	-15.57	-12.21	-12.21	-22.56
November 13, 2008	0	66.78	5.17	-20.11	-15.32	-15.32	-22.76
November 14, 2008	0	73.55	1.23	-24.23	-20.71	-20.71	-22.72
November 15, 2008	0	65.39	2.51	-26.83	-22.08	-22.08	-27.31
November 16, 2008	0	70.97	1.20	-30.05	-26.37	-26.37	-28.83
November 17, 2008	0	73.85	1.36	-32.90	-29.73	-29.73	-33.20
November 18, 2008	0	73.53	1.09	-33.25	-30.04	-30.04	-32.30
November 19, 2008	0	72.16	0.62	-35.05	-31.70	-31.70	-32.23
November 20, 2008	0	71.39	0.44	-35.82	-32.38	-32.38	-32.60
November 21, 2008	0	71.20	1.23	-35.99	-32.53	-32.53	-35.66
November 22, 2008	0	68.98	0.85	-38.23	-34.53	-34.53	-36.28
November 23, 2008	0	68.07	0.37	-39.07	-35.27	-35.27	-35.32
November 24, 2008	0	72.40	1.25	-34.23	-30.90	-30.90	-32.99
November 25, 2008	0	80.38	10.77	-20.64	-18.08	-18.08	-31.17
November 26, 2008	0	81.81	11.93	-15.52	-13.06	-13.06	-25.06
November 27, 2008	0	78.70	4.56	-17.73	-14.85	-14.85	-20.84
November 28, 2008	0	81.96	0.99	-21.63	-19.34	-19.34	-20.75
November 29, 2008	0	64.95	9.50	-19.81	-14.68	-14.68	-25.70
November 30, 2008	0	55.72	8.17	-19.85	-12.80	-12.80	-22.48
December 1, 2008	0	63.36	2.92	-24.80	-19.63	-19.63	-26.22
December 2, 2008	0	71.91	2.15	-22.20	-18.43	-18.43	-23.08
December 3, 2008	0	60.15	3.18	-23.38	-17.49	-17.49	-23.60
December 4, 2008	0	62.40	7.70	-23.64	-18.15	-18.15	-29.40
December 5, 2008	0	61.61	7.07	-23.40	-17.78	-17.78	-28.29
December 6, 2008	0	72.29	2.33	-22.47	-18.65	-18.65	-22.95
December 7, 2008	0	70.28	2.89	-23.20	-19.10	-19.10	-24.68
December 8, 2008	0	64.46	5.56	-21.35	-16.15	-16.15	-24.06
December 9, 2008	0	63.91	4.95	-25.10	-19.93	-19.93	-28.39
December 10, 2008	0	72.10	1.30	-35.27	-31.91	-31.91	-35.51
December 11, 2008	0	69.49	0.49	-37.72	-34.06	-34.06	-34.42
December 12, 2008	0	71.94	1.30	-35.01	-31.63	-31.63	-34.27
December 13, 2008	0	67.98	0.43	-39.17	-35.36	-35.36	-35.48
December 14, 2008	0	63.51	0.27	-43.58	-39.31	-39.31	-39.44
December 15, 2008	0	65.71	0.43	-41.29	-37.22	-37.22	-37.39
December 16, 2008	0	65.12	0.69	-41.69	-37.58	-37.58	-38.86
December 17, 2008	0	68.28	1.37	-38.58	-34.81	-34.81	-38.82
December 18, 2008	0	64.11	0.36	-42.87	-38.66	-38.66	-38.71
December 19, 2008	0	63.94	0.45	-42.91	-38.67	-38.67	-39.35
December 20, 2008	0	64.32	0.50	-42.58	-38.37	-38.37	-39.14
December 21, 2008	0	67.17	0.94	-39.62	-35.71	-35.71	-37.72
December 22, 2008	0	68.50	0.45	-38.37	-34.61	-34.61	-34.74
December 23, 2008	0	63.15	0.20	-44.01	-39.70	-39.70	-39.71
December 24, 2008	0	59.83	0.16	-47.14	-42.50	-42.50	-42.50
December 25, 2008	0	59.00	0.28	-47.78	-43.04	-43.04	-43.11
December 26, 2008	0	60.73	0.39	-45.84	-41.27	-41.27	-41.57
December 27, 2008	0	69.53	5.74	-36.19	-32.51	-32.51	-44.03
December 28, 2008	0	71.15	4.88	-31.62	-28.00	-28.00	-37.28
December 29, 2008	0	71.37	0.67	-32.07	-28.53	-28.53	-29.55
December 30, 2008	0	69.63	5.16	-27.83	-23.76	-23.76	-30.04
December 31, 2008	0	74.15	11.09	-16.94	-13.24	-13.24	-24.77

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 1, 2009	0	84.80	9.28	-11.08	-8.96	-8.96	-17.92
January 2, 2009	0	80.42	8.52	-23.58	-21.11	-21.11	-33.96
January 3, 2009	0	73.05	8.74	-31.57	-28.23	-28.23	-43.48
January 4, 2009	0	71.58	1.52	-34.09	-30.64	-30.64	-33.95
January 5, 2009	0	70.04	1.90	-25.83	-21.81	-21.81	-26.46
January 6, 2009	0	75.04	5.55	-20.47	-17.03	-17.03	-25.21
January 7, 2009	0	59.21	3.79	-27.11	-21.20	-21.20	-28.60
January 8, 2009	0	64.77	3.43	-29.02	-24.19	-24.19	-31.91
January 9, 2009	0	72.89	1.22	-33.55	-30.27	-30.27	-33.30
January 10, 2009	0	71.47	0.46	-35.77	-32.34	-32.34	-32.63
January 11, 2009	0	76.99	1.23	-29.53	-26.71	-26.71	-29.64
January 12, 2009	0	62.97	5.30	-26.10	-20.80	-20.80	-29.47
January 13, 2009	0	65.84	4.47	-27.04	-22.31	-22.31	-30.60
January 14, 2009	0	70.99	0.87	-35.45	-31.97	-31.97	-33.39
January 15, 2009	0	68.25	1.28	-38.01	-34.20	-34.20	-37.50
January 16, 2009	0	64.00	0.57	-43.24	-39.02	-39.02	-39.75
January 17, 2009	0	64.76	0.52	-42.15	-38.00	-38.00	-38.48
January 18, 2009	0	71.06	2.13	-35.38	-31.88	-31.88	-36.52
January 19, 2009	0	76.43	5.58	-25.62	-22.60	-22.60	-33.67
January 20, 2009	0	74.24	3.47	-20.27	-20.89	-20.89	-27.92
January 21, 2009	0	75.10	1.15	-31.76	-28.74	-28.74	-31.29
January 22, 2009	0	74.29	1.53	-31.95	-28.80	-28.80	-32.69
January 23, 2009	0	72.37	2.26	-28.05	-24.51	-24.51	-30.44
January 24, 2009	0	75.65	1.82	-26.70	-23.58	-23.58	-28.12
January 25, 2009	0	74.50	0.99	-32.74	-29.65	-29.65	-31.58
January 26, 2009	0	71.91	1.28	-35.31	-31.93	-31.93	-35.37
January 27, 2009	0	69.81	0.41	-37.46	-33.86	-33.86	-34.25
January 28, 2009	0	68.86	0.61	-38.30	-34.59	-34.59	-35.38
January 29, 2009	0	70.82	0.97	-36.20	-32.71	-32.71	-35.08
January 30, 2009	0	69.71	0.80	-37.44	-33.82	-33.82	-35.51
January 31, 2009	0	66.54	0.29	-40.75	-36.78	-36.78	-36.94
February 1, 2009	0	70.97	0.23	-35.93	-32.45	-32.45	-32.46
February 2, 2009	0	71.78	0.47	-35.14	-31.75	-31.75	-32.09
February 3, 2009	0	75.19	0.81	-31.82	-28.81	-28.81	-30.33
February 4, 2009	0	67.14	0.31	-40.07	-36.18	-36.18	-36.20
February 5, 2009	0	68.52	0.33	-38.54	-34.79	-34.79	-34.94
February 6, 2009	0	69.56	0.28	-37.47	-33.83	-33.83	-34.09
February 7, 2009	0	73.49	1.23	-33.39	-30.18	-30.18	-33.20
February 8, 2009	0	80.31	1.45	-23.86	-21.37	-21.37	-24.00
February 9, 2009	0	74.86	2.95	-22.33	-18.95	-18.95	-24.20
February 10, 2009	0	79.95	1.64	-23.50	-20.96	-20.96	-24.22
February 11, 2009	0	78.49	1.53	-28.22	-25.59	-25.59	-29.31
February 12, 2009	0	75.73	0.69	-30.99	-28.04	-28.04	-28.58
February 13, 2009	0	74.50	1.20	-32.40	-29.30	-29.30	-32.13
February 14, 2009	0	75.10	1.28	-31.80	-28.79	-28.79	-31.98
February 15, 2009	0	67.17	0.53	-40.01	-36.13	-36.13	-36.82
February 16, 2009	0	64.33	0.51	-42.63	-38.43	-38.43	-38.93
February 17, 2009	0	61.93	0.38	-44.83	-40.39	-40.39	-40.74
February 18, 2009	0	57.87	0.40	-48.83	-43.99	-43.99	-44.52
February 19, 2009	0	59.67	0.31	-46.89	-42.19	-42.19	-42.46
February 20, 2009	0	68.44	3.98	-37.10	-33.29	-33.29	-41.51
February 21, 2009	0	69.88	5.37	-32.16	-28.38	-28.38	-39.86
February 22, 2009	0	71.09	0.36	-34.72	-31.21	-31.21	-31.31
February 23, 2009	0	70.70	4.30	-30.06	-26.27	-26.27	-33.03
February 24, 2009	0	66.36	5.19	-29.23	-24.75	-24.75	-33.90
February 25, 2009	0	68.29	0.90	-36.66	-32.80	-32.80	-34.54
February 26, 2009	0	69.17	0.90	-37.49	-33.80	-33.80	-35.42
February 27, 2009	0	69.53	1.85	-35.05	-31.33	-31.33	-36.80
February 28, 2009	0	68.00	0.92	-36.91	-33.04	-33.04	-34.92
March 1, 2009	0	65.03	0.64	-41.71	-37.55	-37.55	-38.66
March 2, 2009	0	62.78	0.49	-43.39	-38.99	-38.99	-39.65
March 3, 2009	0	66.95	2.69	-37.91	-33.89	-33.89	-40.41
March 4, 2009	0	66.76	1.92	-37.50	-33.44	-33.44	-36.52
March 5, 2009	0	78.04	10.13	-25.43	-22.66	-22.66	-36.98
March 6, 2009	0	82.80	10.61	-21.56	-19.38	-19.38	-32.83
March 7, 2009	0	77.15	6.32	-24.19	-21.24	-21.24	-32.58
March 8, 2009	0	66.21	2.34	-39.12	-35.06	-35.06	-40.61
March 9, 2009	0	63.15	4.20	-42.07	-37.68	-37.68	-48.39
March 10, 2009	0	62.48	1.25	-40.40	-35.80	-35.80	-39.05
March 11, 2009	0	69.08	2.82	-33.05	-29.15	-29.15	-34.82
March 12, 2009	0	62.19	4.32	-29.36	-24.16	-24.16	-32.47

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 13, 2009	0	60.00	2.05	-28.91	-23.26	-23.26	-28.11
March 14, 2009	0	63.89	1.42	-30.43	-25.57	-25.57	-29.07
March 15, 2009	0	62.96	1.37	-30.97	-25.98	-25.98	-29.24
March 16, 2009	0	65.05	0.64	-32.22	-27.66	-27.66	-28.58
March 17, 2009	0	68.99	0.83	-34.03	-30.18	-30.18	-31.71
March 18, 2009	0	69.97	0.59	-32.72	-29.01	-29.01	-29.68
March 19, 2009	0	69.46	0.98	-32.36	-28.47	-28.47	-30.35
March 20, 2009	0	67.25	2.10	-30.45	-26.16	-26.16	-31.85
March 21, 2009	0	67.10	5.59	-28.31	-23.96	-23.96	-34.82
March 22, 2009	0	67.09	1.60	-33.22	-29.07	-29.07	-32.59
March 23, 2009	0	70.39	0.60	-30.10	-26.34	-26.34	-26.74
March 24, 2009	0	68.62	0.41	-32.85	-28.89	-28.89	-29.17
March 25, 2009	0	69.87	1.31	-34.28	-30.56	-30.56	-33.84
March 26, 2009	0	65.46	1.12	-35.48	-31.11	-31.11	-33.91
March 27, 2009	0	65.58	2.28	-36.43	-32.12	-32.12	-36.52
March 28, 2009	0	73.63	8.31	-26.08	-22.66	-22.66	-35.92
March 29, 2009	0	75.72	6.15	-23.55	-20.37	-20.37	-31.36
March 30, 2009	0	69.08	2.88	-23.01	-18.71	-18.71	-24.12
March 31, 2009	0	85.36	8.30	-13.33	-11.32	-11.32	-20.98
April 1, 2009	0.7	82.96	2.42	-16.59	-14.36	-14.36	-18.80
April 2, 2009	0	78.48	0.46	-26.16	-23.51	-23.51	-23.76
April 3, 2009	0	80.90	0.77	-20.53	-18.07	-18.07	-19.06
April 4, 2009	2.2	80.26	1.03	-15.78	-13.12	-13.12	-14.61
April 5, 2009	0	77.70	2.62	-23.71	-20.84	-20.84	-25.86
April 6, 2009	0	73.32	0.82	-32.43	-29.17	-29.17	-30.93
April 7, 2009	0	76.27	5.08	-25.19	-22.15	-22.15	-28.92
April 8, 2009	0	73.93	7.77	-17.20	-13.52	-13.52	-23.60
April 9, 2009	0.1	74.99	1.91	-19.20	-15.78	-15.78	-18.80
April 10, 2009	0	71.64	0.80	-25.68	-21.86	-21.86	-22.81
April 11, 2009	0	77.30	4.87	-22.16	-19.18	-19.18	-25.34
April 12, 2009	0	73.72	3.54	-18.37	-14.66	-14.66	-20.55
April 13, 2009	0	55.36	5.65	-28.22	-21.54	-21.54	-31.56
April 14, 2009	0	61.01	0.89	-31.25	-25.98	-25.98	-27.27
April 15, 2009	0	68.87	1.25	-30.31	-26.30	-26.30	-29.12
April 16, 2009	0	66.84	0.67	-30.43	-26.05	-26.05	-26.89
April 17, 2009	0	71.51	3.82	-23.11	-19.23	-19.23	-25.26
April 18, 2009	0	75.97	5.11	-16.90	-13.53	-13.53	-21.13
April 19, 2009	0	67.92	2.11	-22.35	-17.94	-17.94	-21.98
April 20, 2009	0	72.10	0.76	-27.19	-23.57	-23.57	-24.44
April 21, 2009	0	72.47	3.61	-25.14	-21.48	-21.48	-28.51
April 22, 2009	0	65.56	1.04	-24.20	-19.32	-19.32	-20.79
April 23, 2009	0	55.56	7.59	-15.52	-8.23	-8.23	-16.11
April 24, 2009	0	69.21	5.34	-12.28	-7.64	-7.64	-13.19
April 25, 2009	0	68.25	1.06	-18.24	-13.60	-13.60	-15.13
April 26, 2009	0	71.10	0.70	-19.68	-15.56	-15.56	-15.99
April 27, 2009	0	69.29	1.27	-18.66	-14.34	-14.34	-16.11
April 28, 2009	0	73.36	3.61	-15.22	-11.50	-11.50	-16.96
April 29, 2009	0.1	75.07	1.36	-15.26	-11.77	-11.77	-13.77
April 30, 2009	0	67.77	1.75	-14.25	-9.34	-9.34	-11.46
May 1, 2009	0	68.75	1.49	-15.96	-11.44	-11.44	-13.38
May 2, 2009	0	66.20	2.14	-15.86	-10.84	-10.84	-14.14
May 3, 2009	0	68.17	1.17	-17.45	-12.70	-12.70	-14.14
May 4, 2009	0	76.48	5.24	-13.27	-9.87	-9.87	-16.39
May 5, 2009	0	71.32	0.98	-17.26	-13.08	-13.08	-14.07
May 6, 2009	0	78.41	0.77	-16.64	-13.67	-13.67	-14.20
May 7, 2009	0.5	71.17	1.05	-17.20	-13.09	-13.09	-14.26
May 8, 2009	0	68.66	4.10	-15.43	-10.78	-10.78	-17.09
May 9, 2009	0	78.48	2.40	-18.52	-15.67	-15.67	-20.62
May 10, 2009	0	73.58	1.84	-18.71	-15.03	-15.03	-18.84
May 11, 2009	0	71.48	2.20	-19.31	-15.29	-15.29	-19.40
May 12, 2009	0	64.44	3.27	-17.95	-12.46	-12.46	-17.50
May 13, 2009	0	72.87	3.29	-14.96	-11.04	-11.04	-16.05
May 14, 2009	0.1	73.36	1.02	-12.88	-8.98	-8.98	-10.25
May 15, 2009	0	65.04	3.89	-13.79	-8.39	-8.39	-13.97
May 16, 2009	0	66.62	6.73	-12.88	-7.76	-7.76	-15.10
May 17, 2009	0	78.61	8.88	-5.70	-2.46	-2.46	-9.74
May 18, 2009	0	80.63	6.56	-4.78	-1.88	-1.88	-7.96
May 19, 2009	0	84.08	5.92	-1.78	0.63	0.63	-4.01
May 20, 2009	2.4	91.39	2.61	-2.46	-1.23	-1.23	-4.22
May 21, 2009	0.1	85.56	0.94	-2.88	-0.73	-0.73	-1.68
May 22, 2009	0	71.14	2.00	-4.22	0.40	0.40	-1.62

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
May 23, 2009	0	68.69	5.34	-4.67	0.44	0.44	-4.33
May 24, 2009	0	63.50	0.40	-5.50	0.78	0.78	0.38
May 25, 2009	0	69.47	0.33	-4.80	0.09	0.09	-0.18
May 26, 2009	0	79.75	0.58	-5.54	-2.50	-2.50	-3.15
May 27, 2009	0	87.60	1.17	-4.65	-2.86	-2.86	-4.27
May 28, 2009	0	76.44	0.13	-4.52	-0.78	-0.78	-0.94
May 29, 2009	0	90.06	1.45	-5.04	-3.63	-3.63	-5.50
May 30, 2009	0	61.35	2.02	-5.34	1.39	1.39	-0.56
May 31, 2009	0	57.54	0.48	-4.30	3.44	3.44	3.02
June 1, 2009	0.1	60.80	6.05	-3.62	3.45	3.45	-0.56
June 2, 2009	0.1	84.45	4.70	-0.95	1.41	1.41	-2.71
June 3, 2009	0	74.43	2.28	-0.61	3.73	3.73	1.96
June 4, 2009	0	64.78	3.40	-1.74	4.41	4.41	1.78
June 5, 2009	0	62.29	0.21	-2.61	4.05	4.05	3.89
June 6, 2009	0	61.93	1.12	-2.90	3.89	3.89	3.04
June 7, 2009	0	66.25	0.44	-2.33	3.45	3.45	3.07
June 8, 2009	0	81.60	1.99	-0.81	2.07	2.07	0.14
June 9, 2009	0	87.08	4.06	-1.80	0.09	0.09	-3.33
June 10, 2009	0.3	82.12	11.39	-2.15	0.58	0.58	-6.65
June 11, 2009	0.1	80.55	11.34	-1.19	1.85	1.85	-4.92
June 12, 2009	0	69.95	8.72	-0.92	4.31	4.31	-0.93
June 13, 2009	0.1	83.41	6.70	0.62	3.24	3.24	-1.47
June 14, 2009	3.3	89.62	8.22	1.48	3.05	3.05	-2.36
June 15, 2009	7.2	91.07	6.22	1.52	2.82	2.82	-1.79
June 16, 2009	0.8	75.76	11.89	1.10	5.04	5.04	-0.72
June 17, 2009	0	59.27	6.39	-1.01	6.41	6.41	2.72
June 18, 2009	0	55.20	0.41	-1.19	7.38	7.38	7.13
June 19, 2009	0	59.92	2.99	-0.40	6.96	6.96	5.17
June 20, 2009	0	69.92	0.87	-0.64	4.43	4.43	3.78
June 21, 2009	0	75.65	5.84	0.12	4.15	4.15	0.64
June 22, 2009	0.3	74.87	11.51	1.52	5.64	5.64	0.12
June 23, 2009	0.2	67.13	4.14	0.74	6.54	6.54	3.90
June 24, 2009	0	67.91	3.04	0.57	6.25	6.25	4.09
June 25, 2009	0.4	72.66	2.73	1.01	5.59	5.59	3.92
June 26, 2009	1.4	70.72	3.32	1.00	6.14	6.14	4.07
June 27, 2009	16.7	94.13	6.89	1.90	2.73	2.73	-2.33
June 28, 2009	4.2	84.84	3.99	3.20	5.55	5.55	2.73
June 29, 2009	0	67.13	5.61	0.95	6.74	6.74	3.79
June 30, 2009	0	65.07	5.59	1.36	7.73	7.73	5.95
July 1, 2009	0	71.13	7.51	0.51	5.35	5.35	0.99
July 2, 2009	0	54.91	2.98	-1.81	6.95	6.95	4.99
July 3, 2009	0	59.86	3.93	-0.29	7.05	7.05	4.77
July 4, 2009	0	61.84	2.25	1.25	8.50	8.50	7.80
July 5, 2009	0.4	69.18	6.53	3.34	8.89	8.89	6.34
July 6, 2009	4.9	91.57	4.67	4.32	5.57	5.57	2.50
July 7, 2009	0.1	73.62	0.55	1.58	6.30	6.30	5.95
July 8, 2009	0	74.81	5.74	3.16	7.37	7.37	4.06
July 9, 2009	2.4	69.55	8.38	4.98	10.55	10.54	8.93
July 10, 2009	0	71.66	4.08	5.20	10.15	10.15	8.89
July 11, 2009	0	51.26	4.43	4.95	15.65	15.65	15.55
July 12, 2009	0	44.69	4.64	4.05	16.46	16.46	16.46
July 13, 2009	0	42.72	5.60	3.05	16.48	16.48	16.48
July 14, 2009	0	49.93	4.67	3.50	14.20	14.20	14.20
July 15, 2009	2.6	80.17	5.60	8.24	11.59	11.59	11.59
July 16, 2009	2.3	85.30	5.90	6.77	9.17	9.17	7.41
July 17, 2009	0	73.45	2.84	6.30	10.95	10.95	10.21
July 18, 2009	0	66.94	1.43	6.42	12.92	12.92	12.92
July 19, 2009	0	68.57	2.64	7.29	13.23	13.23	13.00
July 20, 2009	0	61.62	0.45	6.91	14.58	14.58	14.58
July 21, 2009	0	63.34	1.26	8.21	15.48	15.48	15.48
July 22, 2009	0	60.67	0.77	8.34	16.40	16.40	16.40
July 23, 2009	0	55.74	0.47	7.15	16.84	16.84	16.84
July 24, 2009	0	60.70	2.66	7.34	15.21	15.21	15.21
July 25, 2009	0	71.32	0.92	11.15	16.46	16.46	16.46
July 26, 2009	0	62.61	0.67	10.11	18.25	18.25	18.25
July 27, 2009	6.1	65.41	1.64	10.97	17.90	17.90	17.90
July 28, 2009	3.5	68.81	0.82	11.41	17.45	17.45	17.45
July 29, 2009	1.7	90.35	0.37	11.94	13.46	13.46	13.46
July 30, 2009	4.4	89.47	1.00	10.46	12.16	12.16	12.16
July 31, 2009	0	74.47	2.40	10.73	15.47	15.47	15.47
August 1, 2009	0	81.59	1.92	10.52	13.62	13.62	13.62

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 2, 2009	0	67.33	2.34	6.10	12.37	12.37	12.30
August 3, 2009	0	54.97	2.82	2.36	11.26	11.26	10.78
August 4, 2009	1.7	61.90	4.30	3.34	10.54	10.54	10.13
August 5, 2009	19	89.18	7.95	7.08	8.77	8.77	5.18
August 6, 2009	0.9	92.16	2.99	7.16	8.37	8.37	6.69
August 7, 2009	1.4	88.94	1.83	7.66	9.37	9.37	8.97
August 8, 2009	0.2	85.68	2.68	8.10	10.40	10.40	10.39
August 9, 2009	0.3	72.14	5.28	7.33	12.41	12.41	12.20
August 10, 2009	5.2	76.86	4.18	7.34	11.20	11.20	11.01
August 11, 2009	1.4	87.53	1.22	5.21	7.16	7.16	6.39
August 12, 2009	0	77.02	4.03	5.20	9.15	9.15	8.38
August 13, 2009	0	66.30	8.65	3.66	9.68	9.68	7.59
August 14, 2009	0	-	7.64	-	-	-	-
August 15, 2009	-	-	-	-	-	-	-
August 16, 2009	-	-	-	-	-	-	-
August 17, 2009	-	-	-	-	-	-	-
August 18, 2009	0.2	-	1.04	-	-	-	-
August 19, 2009	0	74.80	3.71	4.24	8.60	8.60	6.81
August 20, 2009	0	71.43	0.99	3.33	8.35	8.35	8.06
August 21, 2009	1.3	86.86	5.79	4.85	6.89	6.89	3.63
August 22, 2009	3.5	87.83	1.81	3.48	5.33	5.33	4.10
August 23, 2009	0	69.08	2.21	2.65	8.07	8.07	7.13
August 24, 2009	0	67.12	0.94	1.65	7.45	7.45	6.92
August 25, 2009	0	66.39	1.09	0.00	5.97	5.97	5.30
August 26, 2009	0	54.61	5.20	-1.51	7.46	7.46	5.36
August 27, 2009	0	53.76	3.29	-1.76	7.38	7.38	6.07
August 28, 2009	0	59.73	4.98	-0.36	7.02	7.02	4.31
August 29, 2009	0	63.11	1.22	-0.19	6.53	6.53	5.76
August 30, 2009	0	73.22	0.94	0.23	4.81	4.81	4.23
August 31, 2009	1.1	72.00	2.13	1.40	6.33	6.33	5.02
September 1, 2009	1.5	83.54	10.63	3.21	5.82	5.82	0.55
September 2, 2009	0	61.47	4.85	-0.07	7.01	7.01	4.30
September 3, 2009	0	60.17	2.71	-1.85	5.35	5.35	3.47
September 4, 2009	0.1	75.33	3.45	-0.09	3.95	3.95	1.65
September 5, 2009	11	-	4.09	-	-	-	-
September 6, 2009	0	-	7.86	-	-	-	-
September 7, 2009	0	-	5.93	-	-	-	-
September 8, 2009	0	-	0.46	-	-	-	-
September 9, 2009	12.8	-	3.28	-	-	-	-
September 10, 2009	0	-	11.13	-	-	-	-
September 11, 2009	0	-	9.02	-	-	-	-
September 12, 2009	0	-	2.54	-	-	-	-
September 13, 2009	0	-	1.32	-	-	-	-
September 14, 2009	0	-	0.94	-	-	-	-
September 15, 2009	0	-	8.38	-	-	-	-
September 16, 2009	1.1	-	3.47	-	-	-	-
September 17, 2009	0	-	4.03	-	-	-	-
September 18, 2009	0	-	4.31	-	-	-	-
September 19, 2009	0.1	-	5.42	-	-	-	-
September 20, 2009	0	-	4.57	-	-	-	-
September 21, 2009	0	-	5.27	-	-	-	-
September 22, 2009	0	-	4.47	-	-	-	-
September 23, 2009	0	-	5.63	-	-	-	-
September 24, 2009	0	-	5.86	-	-	-	-
September 25, 2009	0	-	5.73	-	-	-	-
September 26, 2009	0	-	8.88	-	-	-	-
September 27, 2009	0	-	1.57	-	-	-	-
September 28, 2009	0	-	1.67	-	-	-	-
September 29, 2009	0	-	1.30	-	-	-	-
September 30, 2009	0	-	2.27	-	-	-	-
October 1, 2009	0	-	9.00	-	-	-	-
October 2, 2009	0	-	3.57	-	-	-	-
October 3, 2009	0	-	2.02	-	-	-	-
October 4, 2009	0	-	2.26	-	-	-	-
October 5, 2009	0	-	1.99	-	-	-	-
October 6, 2009	0	-	3.08	-	-	-	-
October 7, 2009	0	-	8.66	-	-	-	-
October 8, 2009	0	-	7.50	-	-	-	-
October 9, 2009	0	-	6.83	-	-	-	-
October 10, 2009	0	-	4.39	-	-	-	-
October 11, 2009	0	-	1.39	-	-	-	-

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
October 12, 2009	0	-	1.34	-	-	-	-
October 13, 2009	0	-	1.28	-	-	-	-
October 14, 2009	0	-	0.86	-	-	-	-
October 15, 2009	0	-	0.85	-	-	-	-
October 16, 2009	0	-	1.20	-	-	-	-
October 17, 2009	0.1	-	12.21	-	-	-	-
October 18, 2009	0	-	12.64	-	-	-	-
October 19, 2009	0	-	7.64	-	-	-	-
October 20, 2009	0	-	2.00	-	-	-	-
October 21, 2009	0	-	3.94	-	-	-	-
October 22, 2009	0	-	8.04	-	-	-	-
October 23, 2009	0	-	9.49	-	-	-	-
October 24, 2009	0	-	6.16	-	-	-	-
October 25, 2009	0	-	4.60	-	-	-	-
October 26, 2009	0	-	0.93	-	-	-	-
October 27, 2009	0	-	0.43	-	-	-	-
October 28, 2009	0	-	0.83	-	-	-	-
October 29, 2009	0	-	5.03	-	-	-	-
October 30, 2009	0	78.48	4.39	-24.82	-22.11	-22.11	-30.90
October 31, 2009	0	78.80	1.20	-30.69	-28.15	-28.15	-30.48
November 1, 2009	0	75.77	0.99	-33.74	-30.87	-30.87	-32.97
November 2, 2009	0	80.24	8.18	-27.20	-24.80	-24.80	-36.82
November 3, 2009	0	-	8.82	-	-	-	-
November 4, 2009	0	-	5.78	-	-	-	-
November 5, 2009	0	-	4.32	-	-	-	-
November 6, 2009	0	77.23	0.73	-28.29	-25.45	-25.45	-26.74
November 7, 2009	0	63.42	7.55	-22.43	-28.91	-28.91	-42.19
November 8, 2009	0	-	5.78	-	-	-	-
November 9, 2009	0	-	2.94	-	-	-	-
November 10, 2009	0	82.98	0.06	-26.86	-24.82	-24.82	-24.88
November 11, 2009	0	78.96	0.12	-30.74	-28.22	-28.22	-28.22
November 12, 2009	0	81.58	3.94	-24.00	-25.56	-25.56	-32.03
November 13, 2009	0	68.46	4.38	-22.03	-21.88	-21.88	-28.82
November 14, 2009	0	70.89	1.24	-22.03	-27.09	-27.09	-29.32
November 15, 2009	0	81.03	0.33	-26.35	-24.05	-24.05	-24.59
November 16, 2009	0	-	7.10	-	-	-	-
November 17, 2009	0	-	3.59	-	-	-	-
November 18, 2009	0	81.03	0.46	-29.58	-27.32	-27.32	-28.01
November 19, 2009	0	71.51	0.60	-39.07	-35.77	-35.77	-36.74
November 20, 2009	0	72.98	0.18	-36.97	-33.81	-33.81	-33.99
November 21, 2009	0	79.11	0.45	-30.86	-28.36	-28.36	-28.61
November 22, 2009	0	81.33	1.62	-25.20	-28.57	-28.57	-31.59
November 23, 2009	0	80.01	1.66	-25.04	-25.53	-25.53	-29.77
November 24, 2009	0	78.93	1.19	-29.74	-27.15	-27.15	-29.85
November 25, 2009	0	79.94	0.65	-30.61	-28.16	-28.16	-29.04
November 26, 2009	0	79.94	1.27	-31.37	-28.91	-28.91	-31.89
November 27, 2009	0	80.95	1.19	-29.18	-27.36	-27.36	-30.00
November 28, 2009	0	79.37	0.44	-30.77	-28.27	-28.27	-28.68
November 29, 2009	0	82.40	0.53	-26.98	-25.68	-25.68	-26.10
November 30, 2009	0	84.35	0.43	-22.17	-28.74	-28.74	-29.22
December 1, 2009	0	79.63	0.36	-27.20	-24.72	-24.72	-24.87
December 2, 2009	0	77.13	0.68	-25.90	-24.16	-24.16	-25.16
December 3, 2009	0	75.82	0.90	-27.47	-24.45	-24.45	-26.09
December 4, 2009	0	79.23	0.39	-30.09	-27.61	-27.61	-27.83
December 5, 2009	0	79.91	0.47	-30.78	-28.36	-28.36	-28.92
December 6, 2009	0	69.59	5.91	-21.85	-33.00	-33.00	-45.87
December 7, 2009	0	71.17	4.81	-34.80	-31.31	-31.31	-42.60
December 8, 2009	0	72.91	11.09	-30.66	-27.28	-27.28	-43.55
December 9, 2009	0	75.77	4.36	-32.90	-30.00	-30.00	-35.45
December 10, 2009	0	71.46	0.76	-38.26	-34.93	-34.93	-36.11
December 11, 2009	0	-	5.57	-	-	-	-
December 12, 2009	0	48.04	4.29	-20.35	-32.44	-32.44	-42.54
December 13, 2009	0	-	4.92	-	-	-	-
December 14, 2009	0	-	9.96	-	-	-	-
December 15, 2009	0	-	5.27	-	-	-	-
December 16, 2009	0	-	6.01	-	-	-	-
December 17, 2009	0	79.69	5.01	-19.99	-19.63	-19.63	-28.58
December 18, 2009	0	-	15.16	-	-	-	-
December 19, 2009	0	-	8.83	-	-	-	-
December 20, 2009	0	-	1.67	-	-	-	-
December 21, 2009	0	-	0.01	-	-	-	-

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
December 22, 2009	0	-	0.01	-	-	-	-
December 23, 2009	0	-	2.73	-	-	-	-
December 24, 2009	0	-	7.53	-	-	-	-
December 25, 2009	0	82.33	3.61	-25.06	-23.31	-23.31	-30.70
December 26, 2009	0	-	9.17	-	-	-	-
December 27, 2009	0	-	13.70	-	-	-	-
December 28, 2009	0	-	14.17	-	-	-	-
December 29, 2009	0	-	7.79	-	-	-	-
December 30, 2009	0	-	2.76	-	-	-	-
December 31, 2009	0	-	9.98	-	-	-	-
January 1, 2010	0	83.28	11.52	-24.50	-22.44	-22.44	-37.53
January 2, 2010	0	82.47	7.04	-24.50	-22.33	-22.32	-34.57
January 3, 2010	0	82.28	3.91	-23.83	-27.70	-27.70	-36.31
January 4, 2010	0	84.24	1.36	-26.28	-24.56	-24.56	-27.64
January 5, 2010	0	74.19	1.33	-36.88	-33.87	-33.87	-37.17
January 6, 2010	0	72.75	0.57	-37.95	-34.79	-34.79	-35.22
January 7, 2010	0	71.93	1.36	-38.67	-35.41	-35.41	-39.21
January 8, 2010	0	65.22	0.43	-45.54	-41.62	-41.62	-41.88
January 9, 2010	0	73.06	6.47	-35.58	-32.43	-32.43	-41.62
January 10, 2010	0	79.24	12.56	-23.89	-21.24	-21.24	-36.40
January 11, 2010	0	74.75	3.51	-31.82	-28.72	-28.72	-34.89
January 12, 2010	0	67.87	0.78	-42.78	-39.16	-39.16	-40.39
January 13, 2010	0	63.21	0.37	-47.12	-43.01	-43.01	-43.19
January 14, 2010	0	63.76	0.80	-46.33	-42.25	-42.25	-44.12
January 15, 2010	0	63.14	1.89	-40.28	-35.78	-35.78	-40.64
January 16, 2010	0	68.26	3.05	-40.51	-36.80	-36.80	-42.07
January 17, 2010	0	79.60	5.81	-28.24	-25.76	-25.76	-37.34
January 18, 2010	0	69.55	1.20	-41.51	-38.05	-38.05	-41.44
January 19, 2010	0	64.44	1.37	-43.47	-39.32	-39.32	-43.13
January 20, 2010	0	59.75	1.42	-40.67	-35.62	-35.62	-39.76
January 21, 2010	0	64.08	1.33	-42.30	-38.04	-38.04	-41.79
January 22, 2010	0	65.54	0.67	-44.89	-40.94	-40.94	-42.24
January 23, 2010	0	69.78	1.76	-40.66	-37.13	-37.13	-42.45
January 24, 2010	0	74.40	3.21	-32.82	-29.72	-29.72	-36.84
January 25, 2010	0	68.20	9.05	-25.39	-21.05	-21.05	-34.09
January 26, 2010	0	-	14.99	-	-	-	-
January 27, 2010	0	-	5.28	-	-	-	-
January 28, 2010	0	82.86	1.96	-23.29	-23.00	-23.00	-28.10
January 29, 2010	0	81.07	1.92	-24.80	-25.92	-25.92	-30.41
January 30, 2010	0	-	3.04	-	-	-	-
January 31, 2010	0	67.71	10.57	-24.03	-20.97	-20.97	-34.66
February 1, 2010	0	-	13.60	-	-	-	-
February 2, 2010	0	-	1.03	-	-	-	-
February 3, 2010	0	-	2.10	-	-	-	-
February 4, 2010	0	-	1.02	-	-	-	-
February 5, 2010	0	-	2.86	-	-	-	-
February 6, 2010	0	83.72	1.61	-27.20	-25.44	-25.44	-29.52
February 7, 2010	0	82.52	2.10	-27.04	-25.06	-25.06	-28.98
February 8, 2010	0	79.77	1.87	-23.13	-32.41	-32.41	-37.50
February 9, 2010	0	80.25	0.94	-30.73	-28.38	-28.38	-29.73
February 10, 2010	0	82.33	4.47	-22.52	-20.28	-20.28	-29.46
February 11, 2010	0	79.88	0.53	-31.70	-29.32	-29.32	-29.70
February 12, 2010	0	77.84	0.48	-32.85	-30.23	-30.23	-30.70
February 13, 2010	0	-	6.44	-	-	-	-
February 14, 2010	0	-	9.16	-	-	-	-
February 15, 2010	0	-	3.20	-	-	-	-
February 16, 2010	0	81.95	0.74	-29.68	-27.53	-27.53	-28.80
February 17, 2010	0	-	4.83	-	-	-	-
February 18, 2010	0	-	0.83	-	-	-	-
February 19, 2010	0	-	1.77	-	-	-	-
February 20, 2010	0	77.00	1.01	-33.96	-31.25	-31.25	-33.31
February 21, 2010	0	68.26	2.90	-40.92	-37.22	-37.22	-43.38
February 22, 2010	0	-	13.53	-	-	-	-
February 23, 2010	0	-	15.70	-	-	-	-
February 24, 2010	0	-	11.52	-	-	-	-
February 25, 2010	0	73.80	8.25	-32.90	-31.20	-31.20	-46.84
February 26, 2010	0	79.81	10.83	-28.19	-25.73	-25.73	-41.48
February 27, 2010	0	72.14	1.66	-38.33	-35.11	-35.11	-39.67
February 28, 2010	0	66.33	0.83	-43.59	-39.74	-39.74	-41.82
March 1, 2010	0	66.78	0.74	-43.02	-39.20	-39.20	-40.62
March 2, 2010	0	70.51	0.73	-39.35	-35.92	-35.92	-37.20

Appendix A1 - Mary River - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 3, 2010	0	71.04	0.57	-38.17	-34.78	-34.78	-35.29
March 4, 2010	0	75.22	1.10	-35.23	-32.32	-32.32	-35.04
March 5, 2010	0	74.03	0.41	-34.24	-31.97	-31.97	-32.09
March 6, 2010	0	69.38	3.73	-25.58	-30.22	-30.22	-38.20
March 7, 2010	0	60.91	2.41	-26.57	-26.09	-26.09	-30.40
March 8, 2010	0	69.78	0.97	-32.50	-29.54	-29.54	-31.41
March 9, 2010	0	80.30	0.63	-31.06	-28.79	-28.79	-29.23
March 10, 2010	0	-	3.38	-	-	-	-
March 11, 2010	0	78.97	2.38	-21.47	-30.71	-30.71	-35.02
March 12, 2010	0	-	9.44	-	-	-	-
March 13, 2010	0	-	8.29	-	-	-	-
March 14, 2010	0	-	1.13	-	-	-	-
March 15, 2010	0	-	1.37	-	-	-	-
March 16, 2010	0	83.72	0.66	-25.73	-26.68	-26.68	-27.06
March 17, 2010	0	-	0.44	-	-	-	-
March 18, 2010	0	83.02	0.87	-25.66	-27.20	-27.20	-28.26
March 19, 2010	0	77.18	0.53	-27.23	-30.26	-30.26	-30.59
March 20, 2010	0	77.61	3.36	-28.07	-25.26	-25.26	-31.04
March 21, 2010	0	67.93	8.66	-28.95	-24.71	-24.71	-38.46
March 22, 2010	0	64.68	1.21	-30.49	-28.79	-28.79	-31.30
March 23, 2010	0	67.30	0.42	-31.83	-29.10	-29.10	-29.19
March 24, 2010	0	70.21	0.32	-33.94	-31.06	-31.06	-31.12
March 25, 2010	0	69.62	0.95	-33.08	-30.78	-30.78	-32.85
March 26, 2010	0	-	10.19	-	-	-	-
March 27, 2010	0	-	11.85	-	-	-	-
March 28, 2010	0	-	10.33	-	-	-	-
March 29, 2010	0	-	14.10	-	-	-	-
March 30, 2010	0	-	5.08	-	-	-	-
March 31, 2010	0	75.01	0.68	-22.59	-32.46	-32.46	-33.50
April 1, 2010	0	-	1.16	-	-	-	-
April 2, 2010	0	-	1.70	-	-	-	-
April 3, 2010	0	-	1.13	-	-	-	-
April 4, 2010	0	-	0.83	-	-	-	-
April 5, 2010	0	-	1.50	-	-	-	-
April 6, 2010	0	78.18	0.63	-19.78	-35.02	-35.01	-35.55
April 7, 2010	0	-	2.54	-	-	-	-
April 8, 2010	0	-	7.01	-	-	-	-
April 9, 2010	0	-	3.97	-	-	-	-
April 10, 2010	0.1	-	6.17	-	-	-	-
April 11, 2010	0	-	3.65	-	-	-	-
April 12, 2010	0	-	1.44	-	-	-	-
April 13, 2010	0	75.73	0.80	-21.54	-32.66	-32.66	-33.83
April 14, 2010	0	-	6.90	-	-	-	-
April 15, 2010	0	-	13.45	-	-	-	-
April 16, 2010	0	-	8.92	-	-	-	-
April 17, 2010	0.2	-	3.06	-	-	-	-
April 18, 2010	0.1	-	3.47	-	-	-	-
April 19, 2010	0	-	0.87	-	-	-	-
April 20, 2010	0	-	4.02	-	-	-	-
April 21, 2010	0	-	0.96	-	-	-	-
April 22, 2010	0.1	-	0.54	-	-	-	-
April 23, 2010	0	-	2.54	-	-	-	-
April 24, 2010	0	-	1.71	-	-	-	-
April 25, 2010	0	-	1.64	-	-	-	-
April 26, 2010	0	-	0.69	-	-	-	-
April 27, 2010	0	-	0.68	-	-	-	-
April 28, 2010	0	-	1.29	-	-	-	-
April 29, 2010	0	-	2.97	-	-	-	-
April 30, 2010	0.5	-	2.97	-	-	-	-
May 1, 2010	0.1	-	2.55	-	-	-	-
May 2, 2010	0	-	4.09	-	-	-	-
May 3, 2010	0	-	1.08	-	-	-	-
May 4, 2010	0	-	4.10	-	-	-	-
May 5, 2010	0	-	3.58	-	-	-	-
May 6, 2010	0	-	4.80	-	-	-	-
May 7, 2010	0	-	2.10	-	-	-	-
May 8, 2010	0	-	0.54	-	-	-	-
May 9, 2010	0.4	-	8.65	-	-	-	-
May 10, 2010	4.3	-	7.47	-	-	-	-
May 11, 2010	0	-	8.40	-	-	-	-
May 12, 2010	0	-	2.93	-	-	-	-

Appendix A1 - Mary River - Daily Averages							
Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
May 13, 2010	0	-	13.04	-	-	-	-
May 14, 2010	1.3	-	11.82	-	-	-	-
May 15, 2010	0	-	6.61	-	-	-	-
May 16, 2010	0.1	-	5.29	-	-	-	-
May 17, 2010	0	-	3.12	-	-	-	-
May 18, 2010	0	-	6.76	-	-	-	-
May 19, 2010	0	-	1.95	-	-	-	-
May 20, 2010	0	-	1.00	-	-	-	-
May 21, 2010	0	-	1.67	-	-	-	-
May 22, 2010	0	-	1.46	-	-	-	-
May 23, 2010	0	-	4.73	-	-	-	-
May 24, 2010	0	-	4.94	-	-	-	-
May 25, 2010	0.1	-	2.83	-	-	-	-
May 26, 2010	0.8	-	3.55	-	-	-	-
May 27, 2010	1.3	-	0.57	-	-	-	-
May 28, 2010	0	-	7.29	-	-	-	-
May 29, 2010	0	-	10.22	-	-	-	-
May 30, 2010	0	-	8.58	-	-	-	-
May 31, 2010	0	-	1.30	-	-	-	-
June 1, 2010	0	-	0.67	-	-	-	-
June 2, 2010	0	-	1.41	-	-	-	-
June 3, 2010	0	-	5.51	-	-	-	-
June 4, 2010	1.6	-	8.31	-	-	-	-
June 5, 2010	1.2	-	3.30	-	-	-	-
June 6, 2010	0.1	-	2.05	-	-	-	-
June 7, 2010	1.8	-	9.08	-	-	-	-
June 8, 2010	0.2	-	5.09	-	-	-	-
June 9, 2010	0.8	-	3.06	-	-	-	-
June 10, 2010	0	-	4.50	-	-	-	-
June 11, 2010	0	-	2.21	-	-	-	-
June 12, 2010	0	-	2.55	-	-	-	-
June 13, 2010	0	-	3.87	-	-	-	-
June 14, 2010	0	-	2.11	-	-	-	-
June 15, 2010	0	-	5.14	-	-	-	-
June 16, 2010	0	-	5.32	-	-	-	-
June 17, 2010	0	-	3.28	-	-	-	-
June 18, 2010	0	-	4.82	-	-	-	-
June 19, 2010	1.1	-	6.37	-	-	-	-
June 20, 2010	0.6	-	9.74	-	-	-	-
June 21, 2010	0	-	6.22	-	-	-	-
June 22, 2010	0	-	4.91	-	-	-	-
June 23, 2010	0	-	3.91	-	-	-	-
June 24, 2010	0	-	4.19	-	-	-	-
June 25, 2010	0	-	7.23	-	-	-	-
June 26, 2010	0.8	-	8.09	-	-	-	-
June 27, 2010	0	-	2.70	-	-	-	-
June 28, 2010	0	-	5.14	-	-	-	-
June 29, 2010	0	-	4.37	-	-	-	-
June 30, 2010	0	-	2.96	-	-	-	-
July 1, 2010	0	-	2.18	-	-	-	-
July 2, 2010	0	-	2.55	-	-	-	-
July 3, 2010	0	-	1.81	-	-	-	-
July 4, 2010	0	-	2.19	-	-	-	-
July 5, 2010	0	-	2.59	-	-	-	-
July 6, 2010	0	-	1.79	-	-	-	-
July 7, 2010	1.9	-	2.16	-	-	-	-

- Meteorological station set up on June 13, 2005. No data before June 13, 2005 was included in summary calculations.
- Station data includes hourly records up to July 7, 2010 at the time of this report.
- No data available between June 16 2008 - July 26, 2008; August 13, 2008 - August 22, 2008; August 25, 2008 - September 2, 2008; September 12, 2008 - September 22, 2008; October 15, 2008 - October 18, 2008; August 14-18, 2009.
- Daily averages calculated on days where >18 hours data available.
- Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from September 2009 to end of record.
- Wind Speed data not available between Oct. 6, 2005 and June 2, 2006.
- Solar Radiation (Total & Density) data not available from October 6, 2005 - June 2, 2006 and October 2007 - August 2009.

Appendix A2 - Mary River - Hourly Maximums and Minimums by Month				
Date	Rain Maximum	Maximum Wind Speed	Maximum Air Temperature	Minimum Air Temperature
-	(mm)	(m/s)	(°C)	(°C)
June 2005	1.2	14.5	10.8	-1.3
July 2005	3.9	17.1	16.3	0.9
August 2005	3.5	17.1	17.2	1.7
September 2005	1.2	22.2	11.6	-7.4
October 2005	0.0	11.5	-5.9	-45.8
November 2005	0.0	-	-	-
December 2005	0.0	-	-	-
January 2006	0.0	-	-	-
February 2006	0.0	-	-	-
March 2006	0.0	-	-	-
April 2006	0.0	-	-	-
May 2006	0.0	-	-	-
June 2006	4.5	41.9	10.2	-27.1
July 2006	4.4	18.9	20.6	1.5
August 2006	4.8	22.6	19.6	1.8
September 2006	3.9	27.8	9.5	-4.5
October 2006	1.2	18.9	5.0	-18.6
November 2006	0.0	17.0	-6.9	-36.9
December 2006	0.0	16.9	-13.6	-43.0
January 2007	0.0	17.1	-12.4	-42.9
February 2007	0.0	23.4	-8.2	-39.8
March 2007	0.0	19.9	-14.4	-46.2
April 2007	0.0	20.1	-4.4	-59.1
May 2007	0.1	21.2	-1.7	-25.5
June 2007	0.5	24.7	18.8	-11.9
July 2007	5.3	20.3	20.4	7.6
August 2007	3.5	14.9	16.2	3.4
September 2007	1.9	20.9	10.0	-12.2
October 2007	0.1	22.2	-0.1	-28.2
November 2007	0.0	26.3	-9.2	-33.7
December 2007	0.1	16.6	-12.6	-43.6
January 2008	0.0	24.2	-5.6	-44.9
February 2008	0.0	17.1	-3.9	-49.3
March 2008	0.0	19.4	-13.3	-42.0
April 2008	0.0	19.3	-4.5	-29.2
May 2008	1.1	15.6	7.5	-13.1
June 2008	0.0	18.9	8.0	-4.8
July 2008	1.3	20.0	15.5	6.3
August 2008	3.1	18.0	20.8	0.5
September 2008	0.6	22.8	9.6	-14.1
October 2008	0.1	20.5	-0.8	-26.0
November 2008	0.0	19.3	-11.1	-36.3
December 2008	0.0	22.8	-11.5	-43.7
January 2009	0.0	19.0	-5.3	-40.0
February 2009	0.0	13.7	-14.3	-45.5
March 2009	0.0	18.3	-9.9	-40.9
April 2009	0.8	17.0	-4.7	-34.2
May 2009	1.7	15.2	6.6	-18.9
June 2009	1.9	19.0	11.9	-1.9
July 2009	4.8	22.6	22.8	2.8
August 2009	2.8	14.6	15.3	0.8
September 2009	2.3	20.8	8.6	-58.7
October 2009	0.1	21.6	-14.7	-66.4
November 2009	0.0	18.6	-13.7	-66.6
December 2009	0.0	23.9	-14.5	-69.6
January 2010	0.0	23.0	-16.4	-66.3
February 2010	0.0	24.4	-14.8	-69.4
March 2010	0.0	21.1	-18.5	-69.8
April 2010	0.2	20.0	-16.5	-70.0
May 2010	2.0	22.4	-16.8	-27.3
June 2010	0.8	16.9	-	-
July 2010	1.8	10.2	-	-

- Meteorological station set up on June 13, 2005. No data before June 13, 2005 was included in summary calculations.
- Station data includes hourly records up to July 7, 2010 at the time of this report.
- No data available between June 16 2008 - July 26, 2008; August 13, 2008 - August 22, 2008; August 25, 2008 - September 2, 2008; September 12, 2008 - September 22, 2008; October 15, 2008 - October 18, 2008; August 14-18, 2009.
- Daily averages calculated on days where >18 hours data available.
- Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations.
Intermittent/ongoing errors in Air Temperature data were particularly problematic from September 2009 to end of record.
- Relative Humidity readings < 0 or > 100 were not included in summary calculations.
- Wind Speed data not available between Oct. 6, 2005 and June 2, 2006.
- Solar Radiation (Total & Density) data not available from October 6, 2005 - June 2, 2006 and October 2007 - August 2009.
- Minimum Rain for each month is 0.
- Minimum Wind Speed for each month is 0.

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 18, 2006	0.2	-	6.14	-	-	-	-
June 19, 2006	0.7	84.67	6.92	0.10	2.48	2.48	-2.65
June 20, 2006	0	82.66	9.02	-0.63	2.06	2.06	-3.87
June 21, 2006	0	77.22	10.14	-1.30	2.28	2.28	-3.92
June 22, 2006	0	69.05	6.21	-0.96	4.28	4.28	0.06
June 23, 2006	0	68.10	6.54	-0.96	4.42	4.42	0.08
June 24, 2006	0	69.00	5.52	-0.47	4.75	4.75	1.04
June 25, 2006	0	70.12	4.56	1.78	6.89	6.89	4.46
June 26, 2006	0	78.95	4.53	2.33	5.89	5.89	2.77
June 27, 2006	0	80.46	4.22	2.33	5.47	5.47	2.38
June 28, 2006	0.2	79.96	2.59	2.89	6.29	6.29	4.55
June 29, 2006	0	73.14	3.22	1.63	6.13	6.13	3.88
June 30, 2006	0.4	82.76	3.03	2.97	5.75	5.75	3.80
July 1, 2006	17.6	96.17	8.69	5.39	5.96	5.96	1.50
July 2, 2006	0	89.48	2.93	4.18	5.83	5.83	3.97
July 3, 2006	0	89.11	3.77	4.06	5.72	5.72	3.11
July 4, 2006	22.8	91.15	9.29	4.38	5.74	5.74	0.84
July 5, 2006	1.7	87.31	4.94	1.51	3.49	3.49	-0.14
July 6, 2006	0	81.87	2.83	1.88	4.87	4.87	2.67
July 7, 2006	0.4	83.74	5.72	2.43	4.94	4.94	1.16
July 8, 2006	0	74.61	5.16	1.43	5.76	5.76	2.35
July 9, 2006	0	64.95	3.70	1.89	8.31	8.31	6.66
July 10, 2006	0	56.47	1.78	3.72	12.34	12.34	12.32
July 11, 2006	0	59.55	2.86	4.15	12.00	12.00	11.73
July 12, 2006	0	70.65	5.09	5.52	10.73	10.73	9.66
July 13, 2006	0	59.49	3.85	4.50	12.88	12.88	11.83
July 14, 2006	0	49.94	4.07	3.36	14.45	14.45	14.45
July 15, 2006	0	59.78	8.58	4.80	12.69	12.69	11.59
July 16, 2006	0.5	75.58	6.48	6.13	10.35	10.35	9.39
July 17, 2006	0.2	85.65	5.99	4.32	6.53	6.53	2.97
July 18, 2006	0.2	79.70	7.47	4.66	7.99	7.99	4.66
July 19, 2006	2.8	84.16	4.94	4.89	7.47	7.47	4.75
July 20, 2006	0	83.52	6.92	3.68	6.33	6.33	2.45
July 21, 2006	0	64.93	3.03	3.72	10.31	10.31	9.26
July 22, 2006	4.2	86.06	6.94	7.03	9.29	9.29	6.46
July 23, 2006	0.9	78.64	5.36	3.99	7.75	7.75	4.82
July 24, 2006	3.3	73.45	3.33	2.32	7.14	7.14	5.13
July 25, 2006	5.4	84.79	6.14	3.91	6.31	6.31	2.65
July 26, 2006	14.7	91.98	7.25	6.87	8.08	8.08	5.69
July 27, 2006	0.1	77.28	5.99	8.35	12.40	12.40	11.97
July 28, 2006	1.7	82.05	7.29	6.42	9.34	9.34	6.60
July 29, 2006	0	71.38	8.12	4.49	9.47	9.47	7.09
July 30, 2006	0	58.14	4.97	2.98	11.00	11.00	10.43
July 31, 2006	0	56.29	5.46	2.93	11.51	11.51	11.00
August 1, 2006	0	54.04	5.20	2.82	11.90	11.90	11.86
August 2, 2006	0	56.54	5.82	3.10	11.50	11.50	10.95
August 3, 2006	0	62.03	3.73	4.38	11.40	11.40	11.07
August 4, 2006	0	55.73	9.18	1.30	9.94	9.94	8.33
August 5, 2006	0	51.86	9.76	-1.15	8.23	8.23	4.08
August 6, 2006	0	73.85	8.19	2.49	6.92	6.92	2.71
August 7, 2006	0	64.50	4.77	1.89	8.36	8.36	6.04
August 8, 2006	0	56.35	1.04	2.74	11.41	11.41	11.40
August 9, 2006	0	61.97	2.53	5.93	13.11	13.11	13.10
August 10, 2006	0	67.93	3.36	8.84	15.01	15.01	14.99
August 11, 2006	0.8	67.89	10.78	7.73	13.61	13.61	13.61
August 12, 2006	5.3	88.60	13.46	6.93	8.74	8.74	4.52
August 13, 2006	10.3	93.37	14.65	7.07	8.07	8.07	2.75
August 14, 2006	4.7	91.58	6.87	7.82	9.09	9.09	6.36
August 15, 2006	0	75.44	6.46	5.57	9.72	9.72	8.12
August 16, 2006	1.3	88.54	8.22	4.90	6.67	6.67	2.47
August 17, 2006	0.4	86.91	6.19	4.67	6.68	6.68	3.24
August 18, 2006	0	78.72	5.87	4.03	7.49	7.49	4.26
August 19, 2006	0	78.07	7.71	3.29	6.87	6.87	2.78
August 20, 2006	0	80.70	2.81	3.68	6.75	6.75	5.01
August 21, 2006	0	73.92	4.45	2.35	6.76	6.76	4.18
August 22, 2006	0	67.18	5.62	-0.20	5.69	5.69	2.20
August 23, 2006	0	69.21	4.97	0.28	5.58	5.58	2.35
August 24, 2006	0	69.48	5.51	-0.39	4.97	4.97	1.47
August 25, 2006	0	65.07	4.18	0.27	6.44	6.44	4.02
August 26, 2006	0	69.03	6.28	1.51	6.94	6.94	3.42
August 27, 2006	7.7	82.14	9.05	3.25	6.04	6.04	1.52

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 28, 2006	3.7	92.10	7.90	3.99	5.10	5.10	0.48
August 29, 2006	0	88.98	5.76	2.77	4.43	4.43	0.42
August 30, 2006	1.5	88.09	2.84	2.40	4.27	4.27	2.01
August 31, 2006	0.1	81.60	3.73	0.35	3.22	3.22	-0.02
September 1, 2006	8.8	80.65	6.06	1.40	4.55	4.55	0.81
September 2, 2006	40.2	83.48	8.62	4.15	6.77	6.77	2.64
September 3, 2006	2.1	92.17	5.27	3.39	4.50	4.50	0.72
September 4, 2006	0.9	84.72	9.22	1.30	3.69	3.69	-1.84
September 5, 2006	0.3	89.01	7.65	0.51	2.13	2.13	-3.17
September 6, 2006	0	76.92	7.49	0.71	4.51	4.51	0.05
September 7, 2006	0	73.31	5.20	-0.68	3.67	3.67	0.07
September 8, 2006	0	80.19	3.08	-0.12	2.99	2.99	0.32
September 9, 2006	0	77.98	6.09	-1.87	1.59	1.59	-3.31
September 10, 2006	0	73.76	4.27	-4.55	-0.48	-0.48	-4.68
September 11, 2006	0	76.81	2.04	-3.19	0.42	0.42	-1.48
September 12, 2006	0	78.29	6.93	-2.56	0.76	0.76	-4.77
September 13, 2006	0	68.52	6.46	-4.94	0.17	0.16	-5.41
September 14, 2006	0	71.56	7.27	-4.26	0.33	0.33	-4.85
September 15, 2006	0	72.78	2.80	-5.06	-0.78	-0.78	-3.70
September 16, 2006	0	79.08	1.21	-4.30	-1.15	-1.15	-2.12
September 17, 2006	0	80.47	3.96	-1.72	1.30	1.30	-2.19
September 18, 2006	0	81.21	1.94	0.50	3.55	3.55	2.09
September 19, 2006	0	83.61	2.24	0.40	2.96	2.96	0.98
September 20, 2006	0	91.60	5.38	0.01	1.24	1.24	-2.76
September 21, 2006	0	76.74	5.52	-1.83	1.86	1.86	-2.60
September 22, 2006	0	67.31	5.15	-3.86	1.84	1.84	-2.46
September 23, 2006	0	75.24	4.16	-2.61	1.27	1.27	-2.54
September 24, 2006	0	76.30	1.98	-2.62	1.12	1.12	-0.70
September 25, 2006	0	83.77	5.27	-2.42	0.01	0.01	-4.80
September 26, 2006	0	84.20	6.24	-1.65	0.73	0.73	-4.37
September 27, 2006	0	87.91	5.74	-2.10	-0.32	-0.32	-5.52
September 28, 2006	0	85.62	3.38	-2.52	-0.39	-0.39	-3.94
September 29, 2006	0.1	94.59	6.27	-0.47	0.26	0.26	-4.98
September 30, 2006	0.1	91.99	2.51	-1.35	-0.18	-0.18	-2.31
October 1, 2006	1.7	98.86	2.11	-1.14	-0.99	-0.99	-3.24
October 2, 2006	0.1	96.83	3.04	-2.95	-2.52	-2.52	-6.44
October 3, 2006	0.1	95.82	2.84	-5.51	-4.96	-4.96	-8.59
October 4, 2006	0	90.89	4.06	-6.02	-4.76	-4.76	-9.99
October 5, 2006	0	78.72	6.13	-6.45	-3.35	-3.35	-9.12
October 6, 2006	0	85.75	10.86	-3.31	-1.18	-1.18	-8.52
October 7, 2006	0	86.93	5.09	-2.42	-0.53	-0.53	-5.20
October 8, 2006	0	90.06	5.59	-8.10	-6.75	-6.75	-13.65
October 9, 2006	0	85.61	5.49	-8.79	-6.75	-6.75	-12.88
October 10, 2006	0	79.72	7.46	-6.10	-3.09	-3.09	-9.09
October 11, 2006	0	89.95	4.67	-8.67	-7.27	-7.27	-13.38
October 12, 2006	0	90.71	4.65	-9.94	-8.70	-8.70	-15.42
October 13, 2006	0	91.91	2.68	-8.28	-7.19	-7.19	-10.97
October 14, 2006	0	77.89	4.45	-9.13	-5.82	-5.82	-11.04
October 15, 2006	0.3	89.76	6.35	-1.28	0.23	0.23	-4.96
October 16, 2006	0	89.48	7.50	-0.39	1.19	1.19	-3.70
October 17, 2006	0	79.25	15.38	-1.88	1.34	1.34	-6.59
October 18, 2006	0	85.33	13.99	-6.50	-4.37	-4.37	-13.95
October 19, 2006	0	89.29	5.07	-6.22	-4.72	-4.72	-10.12
October 20, 2006	0	88.62	3.35	-4.72	-3.06	-3.06	-7.17
October 21, 2006	0	95.22	2.45	-4.08	-3.43	-3.43	-6.15
October 22, 2006	0	96.04	5.05	-7.20	-6.66	-6.66	-13.09
October 23, 2006	0	95.99	6.57	-4.79	-4.24	-4.24	-9.88
October 24, 2006	0	95.14	10.35	-2.14	-1.47	-1.47	-9.03
October 25, 2006	0	97.02	6.19	-2.18	-1.77	-1.77	-7.70
October 26, 2006	0	97.33	3.01	-6.95	-6.61	-6.61	-10.77
October 27, 2006	0	95.82	0.64	-9.79	-9.24	-9.24	-9.56
October 28, 2006	0	97.90	0.40	-6.17	-5.90	-5.90	-5.90
October 29, 2006	0	95.87	0.51	-9.43	-8.89	-8.89	-9.14
October 30, 2006	0	92.15	0.01	-14.70	-13.69	-13.69	-13.69
October 31, 2006	0	91.18	0.01	-15.89	-14.77	-14.77	-14.77
November 1, 2006	0	86.46	8.36	-10.93	-9.04	-9.04	-17.11
November 2, 2006	0	79.36	9.66	-13.00	-10.07	-10.07	-19.30
November 3, 2006	0	74.47	3.58	-21.27	-17.84	-17.84	-25.04
November 4, 2006	0	73.16	1.77	-24.04	-20.47	-20.47	-24.32
November 5, 2006	0	79.32	4.69	-22.76	-20.10	-20.10	-28.74
November 6, 2006	0	82.28	5.58	-23.71	-21.50	-21.50	-30.70

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 7, 2006	0	81.29	1.47	-28.16	-25.89	-25.89	-30.22
November 8, 2006	0	82.38	1.69	-26.26	-24.10	-24.10	-27.93
November 9, 2006	0	78.18	6.28	-25.32	-22.55	-22.55	-33.86
November 10, 2006	0	79.50	8.71	-26.16	-23.59	-23.59	-36.26
November 11, 2006	0	83.73	2.31	-24.75	-22.72	-22.72	-27.66
November 12, 2006	0	80.68	5.21	-23.78	-21.33	-21.33	-31.71
November 13, 2006	0	82.72	6.13	-20.35	-18.13	-18.13	-28.16
November 14, 2006	0	78.86	4.68	-20.81	-18.03	-18.03	-24.97
November 15, 2006	0	78.59	3.12	-19.50	-16.64	-16.64	-22.35
November 16, 2006	0	90.01	3.12	-17.57	-16.31	-16.31	-22.53
November 17, 2006	0	81.15	8.89	-16.16	-13.63	-13.63	-24.12
November 18, 2006	0	81.70	8.93	-17.15	-14.72	-14.72	-25.83
November 19, 2006	0	83.61	2.08	-19.05	-16.91	-16.91	-20.72
November 20, 2006	0	86.18	5.13	-14.83	-12.99	-12.99	-20.76
November 21, 2006	0	91.55	10.93	-9.19	-8.07	-8.07	-18.02
November 22, 2006	0	90.87	10.21	-9.75	-8.52	-8.52	-18.37
November 23, 2006	0	87.10	5.99	-13.04	-11.35	-11.35	-18.82
November 24, 2006	0	87.53	4.85	-17.70	-16.08	-16.08	-24.24
November 25, 2006	0	83.79	2.31	-23.55	-21.55	-21.55	-27.03
November 26, 2006	0	80.29	2.75	-24.97	-22.50	-22.50	-29.26
November 27, 2006	0	78.85	4.68	-27.35	-24.74	-24.73	-35.33
November 28, 2006	0	77.30	0.32	-32.67	-29.97	-29.97	-30.11
November 29, 2006	0	71.37	0.28	-37.98	-34.63	-34.63	-34.67
November 30, 2006	0	77.87	1.69	-30.92	-28.26	-28.26	-32.69
December 1, 2006	0	78.44	0.77	-30.47	-27.87	-27.87	-28.72
December 2, 2006	0	76.58	0.30	-32.48	-29.68	-29.68	-29.80
December 3, 2006	0	76.35	1.10	-32.74	-29.89	-29.89	-32.07
December 4, 2006	0	75.40	1.30	-33.71	-30.77	-30.77	-34.15
December 5, 2006	0	74.45	0.28	-34.47	-31.44	-31.43	-31.45
December 6, 2006	0	75.90	0.24	-33.10	-30.22	-30.22	-30.27
December 7, 2006	0	74.10	0.23	-34.91	-31.83	-31.83	-31.84
December 8, 2006	0	81.61	4.80	-26.44	-24.19	-24.19	-30.60
December 9, 2006	0	85.95	10.42	-19.06	-17.27	-17.27	-29.35
December 10, 2006	0	81.39	6.85	-23.24	-20.89	-20.89	-31.68
December 11, 2006	0	72.25	4.41	-30.66	-27.19	-27.19	-34.25
December 12, 2006	0	84.39	13.40	-20.34	-18.37	-18.37	-32.63
December 13, 2006	0	87.41	4.87	-16.81	-15.20	-15.20	-22.83
December 14, 2006	0	87.06	4.48	-18.24	-16.58	-16.58	-23.84
December 15, 2006	0	80.93	5.35	-23.88	-21.45	-21.45	-31.48
December 16, 2006	0	80.33	5.25	-27.48	-25.09	-25.09	-36.28
December 17, 2006	0	73.07	2.64	-36.14	-32.95	-32.95	-41.59
December 18, 2006	0	69.37	8.26	-39.26	-35.66	-35.66	-52.14
December 19, 2006	0	73.62	10.69	-34.18	-31.01	-31.01	-48.52
December 20, 2006	0	73.40	3.89	-34.54	-31.35	-31.35	-40.62
December 21, 2006	0	70.00	3.03	-36.59	-32.97	-32.97	-40.26
December 22, 2006	0	69.04	1.87	-40.55	-36.95	-36.95	-43.45
December 23, 2006	0	68.77	0.74	-40.11	-36.46	-36.46	-37.46
December 24, 2006	0	67.71	1.30	-41.27	-37.51	-37.51	-40.77
December 25, 2006	0	66.56	9.98	-40.48	-36.53	-36.53	-55.26
December 26, 2006	0	67.70	0.97	-41.29	-37.54	-37.54	-39.16
December 27, 2006	0	68.81	1.06	-40.32	-36.67	-36.67	-39.38
December 28, 2006	0	81.65	0.84	-26.20	-24.00	-24.00	-25.14
December 29, 2006	0	83.86	1.60	-23.23	-21.22	-21.22	-24.68
December 30, 2006	0	79.25	1.38	-24.04	-21.42	-21.42	-24.11
December 31, 2006	0	77.43	3.11	-27.48	-24.68	-24.68	-31.64
January 1, 2007	0	80.19	5.10	-22.05	-19.47	-19.47	-28.29
January 2, 2007	0	81.33	3.16	-23.91	-21.55	-21.55	-28.80
January 3, 2007	0	79.90	0.82	-28.86	-26.43	-26.43	-27.44
January 4, 2007	0	80.81	0.99	-27.81	-25.48	-25.48	-27.06
January 5, 2007	0	76.66	2.04	-30.50	-27.65	-27.65	-31.95
January 6, 2007	0	80.48	8.52	-25.04	-22.59	-22.59	-35.79
January 7, 2007	0	78.95	1.69	-29.95	-27.40	-27.40	-32.04
January 8, 2007	0	76.10	2.37	-32.82	-29.96	-29.96	-37.64
January 9, 2007	0	70.71	0.64	-38.26	-34.82	-34.82	-35.20
January 10, 2007	0	74.02	1.27	-34.57	-31.51	-31.51	-34.63
January 11, 2007	0	71.81	0.68	-37.08	-33.77	-33.76	-34.83
January 12, 2007	0	72.20	1.17	-36.55	-33.27	-33.27	-35.27
January 13, 2007	0	72.82	4.88	-35.86	-32.63	-32.63	-43.07
January 14, 2007	0	69.77	0.64	-39.18	-35.65	-35.64	-36.28
January 15, 2007	0	70.49	0.59	-38.31	-34.85	-34.85	-35.48
January 16, 2007	0	74.40	1.10	-34.25	-31.21	-31.21	-33.75

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 17, 2007	0	70.52	0.42	-38.28	-34.83	-34.83	-34.92
January 18, 2007	0	71.48	2.92	-37.28	-33.91	-33.91	-40.65
January 19, 2007	0	70.56	0.42	-38.20	-34.75	-34.75	-35.03
January 20, 2007	0	69.04	0.35	-39.91	-36.30	-36.30	-36.32
January 21, 2007	0	66.60	1.11	-42.18	-38.31	-38.31	-41.91
January 22, 2007	0	69.36	0.70	-39.41	-35.81	-35.81	-37.22
January 23, 2007	0	78.83	4.63	-29.01	-26.44	-26.44	-36.44
January 24, 2007	0	80.68	6.89	-24.92	-22.49	-22.49	-32.18
January 25, 2007	0	75.41	6.61	-29.58	-26.52	-26.52	-36.71
January 26, 2007	0	78.44	6.01	-30.09	-27.42	-27.42	-39.76
January 27, 2007	0	72.42	2.68	-31.04	-27.58	-27.58	-33.95
January 28, 2007	0	71.78	1.20	-37.00	-33.65	-33.65	-36.61
January 29, 2007	0	73.53	2.28	-35.63	-32.54	-32.54	-40.13
January 30, 2007	0	71.57	1.24	-37.33	-33.99	-33.99	-37.51
January 31, 2007	0	69.89	1.46	-39.20	-35.65	-35.65	-39.88
February 1, 2007	0	68.13	0.48	-40.71	-37.00	-37.00	-37.49
February 2, 2007	0	69.57	0.20	-39.09	-35.53	-35.53	-35.53
February 3, 2007	0	73.60	1.07	-35.13	-31.99	-31.99	-34.46
February 4, 2007	0	75.73	4.95	-32.96	-30.04	-30.04	-41.38
February 5, 2007	0	80.26	7.46	-28.62	-26.16	-26.16	-39.55
February 6, 2007	0	73.50	10.45	-23.52	-19.90	-19.90	-33.14
February 7, 2007	0	69.45	8.58	-24.66	-20.49	-20.49	-32.64
February 8, 2007	0	65.62	4.58	-26.55	-21.83	-21.83	-31.08
February 9, 2007	0	65.31	3.29	-29.29	-24.57	-24.57	-32.31
February 10, 2007	0	69.83	7.66	-24.72	-20.59	-20.59	-31.97
February 11, 2007	0	78.18	3.27	-25.22	-22.45	-22.45	-29.35
February 12, 2007	0	72.61	3.31	-29.35	-25.87	-25.87	-33.04
February 13, 2007	0	76.54	1.14	-31.55	-28.74	-28.74	-30.75
February 14, 2007	0	74.35	9.22	-34.39	-31.32	-31.32	-46.60
February 15, 2007	0	79.56	13.06	-25.90	-23.35	-23.35	-39.48
February 16, 2007	0	82.30	11.60	-21.59	-19.32	-19.32	-33.22
February 17, 2007	0	77.19	2.33	-25.71	-22.80	-22.80	-28.70
February 18, 2007	0	79.14	1.44	-29.79	-27.26	-27.26	-30.86
February 19, 2007	0	79.46	3.33	-27.07	-24.52	-24.52	-32.94
February 20, 2007	0	79.87	3.61	-24.07	-21.52	-21.52	-29.50
February 21, 2007	0	80.96	3.88	-20.96	-18.48	-18.48	-24.64
February 22, 2007	0	83.54	5.78	-24.06	-22.01	-22.01	-32.07
February 23, 2007	0	84.66	5.11	-23.32	-21.42	-21.42	-31.06
February 24, 2007	0	78.20	5.40	-28.56	-25.87	-25.87	-36.83
February 25, 2007	0	75.65	0.87	-29.57	-26.59	-26.59	-28.04
February 26, 2007	0	72.14	2.00	-28.85	-25.29	-25.29	-30.09
February 27, 2007	0	56.86	4.01	-33.53	-27.56	-27.56	-34.41
February 28, 2007	0	76.31	4.45	-28.75	-25.82	-25.82	-33.27
March 1, 2007	0	78.67	4.30	-29.28	-26.67	-26.67	-33.73
March 2, 2007	0	78.25	1.25	-29.78	-27.13	-27.13	-29.83
March 3, 2007	0	71.30	5.14	-34.88	-31.39	-31.39	-42.20
March 4, 2007	0	69.31	10.83	-34.41	-30.61	-30.61	-47.80
March 5, 2007	0	62.43	3.57	-40.50	-35.91	-35.91	-45.19
March 6, 2007	0	68.50	2.52	-39.57	-35.87	-35.87	-44.22
March 7, 2007	0	69.31	0.77	-37.69	-33.98	-33.98	-35.05
March 8, 2007	0	66.65	2.09	-37.07	-33.00	-33.00	-39.12
March 9, 2007	0	66.36	6.78	-39.42	-35.38	-35.38	-51.02
March 10, 2007	0	63.68	4.41	-40.95	-36.60	-36.60	-48.52
March 11, 2007	0	59.23	5.37	-45.44	-40.63	-40.63	-55.58
March 12, 2007	0	57.81	5.50	-46.46	-41.47	-41.47	-55.39
March 13, 2007	0	57.58	0.56	-46.40	-41.34	-41.34	-41.96
March 14, 2007	0	61.29	0.66	-43.18	-38.55	-38.55	-40.14
March 15, 2007	0	61.87	0.24	-42.28	-37.65	-37.65	-37.66
March 16, 2007	0	63.94	0.78	-43.80	-39.58	-39.58	-41.43
March 17, 2007	0	62.08	1.80	-39.98	-35.24	-35.24	-40.18
March 18, 2007	0	62.84	1.23	-38.97	-34.33	-34.32	-37.19
March 19, 2007	0	69.76	6.55	-32.55	-28.74	-28.74	-41.61
March 20, 2007	0	68.78	2.91	-30.92	-26.82	-26.82	-34.31
March 21, 2007	0	67.70	1.53	-27.18	-22.82	-22.82	-26.31
March 22, 2007	0	75.17	4.26	-29.61	-26.49	-26.49	-33.63
March 23, 2007	0	78.39	11.17	-26.20	-23.49	-23.49	-38.69
March 24, 2007	0	79.54	4.51	-24.87	-22.33	-22.33	-29.24
March 25, 2007	0	83.87	3.22	-23.84	-21.81	-21.81	-27.42
March 26, 2007	0	80.28	9.22	-22.74	-20.22	-20.22	-32.67
March 27, 2007	0	69.57	1.92	-26.85	-22.73	-22.73	-27.01
March 28, 2007	0	76.57	10.77	-23.77	-20.72	-20.72	-34.25

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 29, 2007	0	75.41	4.40	-29.88	-26.88	-26.88	-35.98
March 30, 2007	0	75.17	1.87	-33.28	-30.27	-30.27	-35.92
March 31, 2007	0	76.03	3.25	-31.58	-28.67	-28.67	-37.97
April 1, 2007	0	67.87	1.05	-32.90	-28.77	-28.77	-30.83
April 2, 2007	0	66.37	2.78	-33.74	-29.49	-29.48	-34.63
April 3, 2007	0	71.62	8.24	-33.75	-30.26	-30.26	-45.42
April 4, 2007	0	68.02	0.72	-33.31	-29.28	-29.28	-30.19
April 5, 2007	0	72.98	1.00	-32.33	-28.96	-28.96	-31.10
April 6, 2007	0	72.82	1.16	-29.46	-26.00	-26.00	-28.61
April 7, 2007	0	72.05	0.89	-24.86	-21.15	-21.15	-22.26
April 8, 2007	0	76.30	6.43	-22.51	-19.40	-19.40	-28.49
April 9, 2007	0	83.07	14.32	-19.31	-17.13	-17.13	-31.39
April 10, 2007	0	83.33	2.34	-18.40	-16.26	-16.26	-19.89
April 11, 2007	0	79.39	3.33	-18.94	-16.17	-16.17	-21.67
April 12, 2007	0	76.36	5.02	-22.35	-19.21	-19.21	-28.55
April 13, 2007	0	77.38	9.30	-25.44	-22.56	-22.56	-36.48
April 14, 2007	0	78.85	1.97	-23.23	-20.54	-20.54	-23.48
April 15, 2007	0	80.74	2.97	-20.78	-18.28	-18.28	-22.97
April 16, 2007	0	79.80	7.95	-22.51	-19.90	-19.90	-31.80
April 17, 2007	0	86.96	7.85	-17.03	-15.31	-15.31	-24.02
April 18, 2007	0	83.10	10.57	-14.30	-12.02	-12.02	-22.71
April 19, 2007	0	81.97	4.99	-15.86	-13.44	-13.44	-21.20
April 20, 2007	0	83.50	1.47	-18.85	-16.71	-16.71	-19.47
April 21, 2007	0	78.42	1.22	-19.54	-16.65	-16.65	-18.78
April 22, 2007	0	78.65	5.73	-15.73	-12.71	-12.71	-17.50
April 23, 2007	0.1	70.42	3.15	-12.72	-8.24	-8.24	-12.49
April 24, 2007	0	73.35	3.15	-14.61	-10.79	-10.79	-15.43
April 25, 2007	0	80.96	1.95	-15.49	-12.97	-12.97	-16.38
April 26, 2007	0	88.81	2.63	-18.07	-16.66	-16.66	-22.59
April 27, 2007	0	86.25	1.64	-18.89	-17.13	-17.13	-20.38
April 28, 2007	0	89.27	3.86	-17.04	-15.67	-15.67	-22.44
April 29, 2007	0	86.36	7.15	-14.30	-12.47	-12.47	-21.90
April 30, 2007	0	85.94	1.87	-14.50	-12.64	-12.64	-15.99
May 1, 2007	0	80.80	0.29	-18.56	-15.94	-15.94	-15.94
May 2, 2007	0	75.97	0.55	-17.57	-14.16	-14.16	-14.55
May 3, 2007	0	81.25	1.59	-17.28	-14.82	-14.82	-17.72
May 4, 2007	0	88.12	4.56	-15.77	-14.23	-14.23	-21.32
May 5, 2007	0	79.05	1.57	-15.42	-12.49	-12.49	-15.32
May 6, 2007	0	71.92	1.11	-17.18	-13.09	-13.09	-14.54
May 7, 2007	0	72.40	0.84	-18.17	-14.24	-14.24	-15.10
May 8, 2007	0	77.40	0.58	-17.57	-14.43	-14.43	-14.56
May 9, 2007	0	78.11	0.43	-15.88	-12.76	-12.76	-12.93
May 10, 2007	0	79.62	0.77	-17.88	-15.17	-15.17	-15.91
May 11, 2007	0	70.68	0.22	-18.36	-13.95	-13.95	-13.95
May 12, 2007	0	76.58	0.49	-18.58	-15.31	-15.31	-15.37
May 13, 2007	0	78.68	1.38	-17.68	-14.79	-14.79	-17.00
May 14, 2007	0	72.08	0.78	-17.07	-13.12	-13.12	-13.89
May 15, 2007	0	79.82	1.40	-16.40	-13.60	-13.60	-15.86
May 16, 2007	0	82.11	6.64	-12.75	-10.26	-10.26	-18.69
May 17, 2007	0	81.86	5.53	-10.12	-7.54	-7.54	-14.18
May 18, 2007	0	92.03	2.35	-9.41	-8.36	-8.36	-11.49
May 19, 2007	0	81.91	4.41	-9.66	-7.01	-7.01	-12.87
May 20, 2007	0	81.20	3.20	-10.04	-7.39	-7.39	-11.73
May 21, 2007	0	84.79	5.21	-9.11	-6.99	-6.99	-13.48
May 22, 2007	0	77.75	5.20	-12.79	-9.63	-9.63	-16.46
May 23, 2007	0	81.67	3.58	-10.72	-8.13	-8.13	-12.62
May 24, 2007	0	81.47	5.65	-8.77	-6.09	-6.09	-12.44
May 25, 2007	0	79.24	2.19	-10.40	-7.43	-7.43	-10.67
May 26, 2007	0	81.60	1.02	-10.25	-7.67	-7.67	-8.61
May 27, 2007	0	82.08	2.81	-10.51	-8.01	-8.01	-11.76
May 28, 2007	0	79.34	8.85	-9.62	-6.65	-6.65	-14.61
May 29, 2007	0	75.03	6.12	-8.59	-4.78	-4.78	-10.96
May 30, 2007	0	84.30	6.10	-9.41	-7.20	-7.20	-14.46
May 31, 2007	0	79.44	2.54	-8.90	-5.86	-5.86	-9.58
June 1, 2007	0	74.43	1.54	-8.69	-4.84	-4.84	-6.52
June 2, 2007	0	81.04	1.34	-8.29	-5.58	-5.58	-7.25
June 3, 2007	0	78.15	3.60	-6.44	-3.12	-3.12	-6.67
June 4, 2007	0	73.53	5.64	-5.11	-0.99	-0.99	-6.28
June 5, 2007	0	69.61	4.24	-3.96	0.98	0.98	-2.87
June 6, 2007	0	66.64	7.50	-3.37	2.16	2.16	-2.96
June 7, 2007	0	90.07	4.49	-0.07	1.44	1.44	-2.57

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 8, 2007	0	93.34	3.71	0.54	1.51	1.51	-1.61
June 9, 2007	0	86.24	6.51	0.09	2.19	2.19	-2.41
June 10, 2007	0	87.22	5.39	0.54	2.42	2.42	-1.67
June 11, 2007	0	82.18	5.80	-0.79	1.99	1.99	-2.64
June 12, 2007	0	88.37	6.46	-0.43	1.31	1.31	-3.94
June 13, 2007	0	84.62	4.42	-0.59	1.77	1.77	-2.16
June 14, 2007	0	91.46	10.38	-0.63	0.60	0.60	-5.97
June 15, 2007	0	99.35	8.26	-0.26	-0.20	-0.20	-6.63
June 16, 2007	0	90.41	2.45	-0.20	1.30	1.30	-1.07
June 17, 2007	0	76.44	5.44	-1.11	2.86	2.86	-1.02
June 18, 2007	0	90.18	3.56	0.60	2.06	2.06	-1.18
June 19, 2007	0	81.98	3.48	0.14	2.99	2.99	-0.04
June 20, 2007	0	79.77	8.16	-1.53	1.70	1.70	-3.58
June 21, 2007	0	71.17	10.96	-1.61	3.11	3.11	-2.78
June 22, 2007	0	81.60	5.39	0.51	3.43	3.43	-0.19
June 23, 2007	0	79.93	6.51	0.35	3.57	3.57	-1.11
June 24, 2007	0	52.93	2.99	-3.65	5.85	5.85	3.65
June 25, 2007	0	65.74	4.75	-0.79	5.16	5.16	2.04
June 26, 2007	0	70.45	4.85	0.88	5.88	5.88	2.70
June 27, 2007	0	52.56	3.35	0.85	10.36	10.36	9.30
June 28, 2007	0	58.35	1.71	4.98	13.09	13.09	13.01
June 29, 2007	0	60.49	4.53	1.74	9.32	9.32	7.60
June 30, 2007	0	44.79	1.83	-0.39	11.63	11.63	11.01
July 1, 2007	0	62.77	1.31	4.18	11.26	11.26	11.19
July 2, 2007	0	44.78	4.75	-0.62	11.27	11.27	10.78
July 3, 2007	0	53.54	3.28	0.99	10.05	10.05	9.37
July 4, 2007	0	64.71	3.59	0.89	7.12	7.12	4.93
July 5, 2007	0	63.66	3.04	0.64	7.20	7.20	5.58
July 6, 2007	0	66.47	3.64	0.95	6.81	6.81	4.54
July 7, 2007	0	62.65	3.05	1.04	7.79	7.79	6.14
July 8, 2007	0	56.15	4.56	1.61	10.14	10.14	9.12
July 9, 2007	0	52.24	4.03	4.40	14.22	14.22	14.05
July 10, 2007	0	59.28	5.61	5.84	13.68	13.68	13.68
July 11, 2007	0	58.69	5.06	4.61	12.35	12.35	12.34
July 12, 2007	0	55.05	5.31	3.47	12.37	12.37	12.19
July 13, 2007	0	49.39	7.28	1.40	11.89	11.89	11.68
July 14, 2007	0	58.12	8.76	1.68	9.67	9.67	7.59
July 15, 2007	0	74.20	9.58	3.55	7.94	7.94	3.87
July 16, 2007	0	68.39	4.79	4.23	9.84	9.84	8.39
July 17, 2007	1.5	75.29	4.87	4.50	8.63	8.63	6.38
July 18, 2007	0	59.14	4.95	1.97	10.28	10.28	8.62
July 19, 2007	0	65.16	4.45	5.08	11.42	11.42	11.30
July 20, 2007	0	69.36	2.12	4.82	10.25	10.25	9.61
July 21, 2007	0	58.18	10.56	5.13	13.38	13.38	13.32
July 22, 2007	6.8	74.23	9.84	7.01	11.40	11.40	11.24
July 23, 2007	7.8	73.95	8.84	5.80	10.27	10.27	9.58
July 24, 2007	0	72.84	4.91	3.69	8.34	8.34	6.22
July 25, 2007	0	75.75	4.33	3.17	7.21	7.21	4.79
July 26, 2007	0	78.37	7.33	3.66	7.17	7.17	3.38
July 27, 2007	0	74.22	11.06	2.83	7.14	7.14	2.48
July 28, 2007	0	79.47	6.76	3.01	6.24	6.24	2.41
July 29, 2007	0	78.32	3.45	4.46	8.01	8.01	6.30
July 30, 2007	0	68.34	2.54	4.99	10.77	10.77	10.12
July 31, 2007	0	66.10	2.43	5.61	11.88	11.88	11.69
August 1, 2007	1.6	83.49	12.40	7.34	10.06	10.06	7.25
August 2, 2007	4.9	81.95	6.52	4.74	7.78	7.78	4.48
August 3, 2007	0.2	72.13	3.73	2.02	6.77	6.77	4.52
August 4, 2007	1	84.07	3.77	4.50	6.99	6.99	4.93
August 5, 2007	2.8	96.97	1.75	5.50	5.94	5.94	4.91
August 6, 2007	0	87.49	1.65	4.77	6.92	6.92	6.24
August 7, 2007	0	70.42	5.46	1.87	7.06	7.06	4.46
August 8, 2007	0.7	61.21	9.00	1.98	9.25	9.25	6.89
August 9, 2007	0	69.45	3.17	4.77	10.19	10.19	9.69
August 10, 2007	0.2	73.18	5.57	5.92	10.58	10.58	10.06
August 11, 2007	1.4	86.56	2.42	5.91	8.00	8.00	6.76
August 12, 2007	0.2	74.03	3.65	5.65	10.44	10.44	8.88
August 13, 2007	0	65.49	4.85	4.85	11.08	11.08	10.87
August 14, 2007	0	65.94	5.33	3.57	9.62	9.62	8.68
August 15, 2007	0	63.57	4.90	2.00	8.61	8.61	7.01
August 16, 2007	0	69.89	3.28	2.55	7.79	7.79	5.94
August 17, 2007	0	64.15	4.19	1.65	8.09	8.09	5.80

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 18, 2007	0	62.89	2.21	2.12	9.05	9.05	8.17
August 19, 2007	0	61.13	1.39	2.25	9.68	9.68	9.27
August 20, 2007	0	63.51	3.00	3.09	9.98	9.98	9.55
August 21, 2007	4.1	90.67	9.49	4.64	6.05	6.05	1.19
August 22, 2007	1.7	92.27	6.34	4.63	5.78	5.78	2.17
August 23, 2007	0	83.42	6.05	2.92	5.50	5.50	1.68
August 24, 2007	0	86.96	6.75	4.21	6.21	6.21	2.20
August 25, 2007	1	88.37	7.17	3.98	5.72	5.72	1.50
August 26, 2007	3.2	90.31	4.60	4.80	6.26	6.26	3.25
August 27, 2007	1.7	91.29	5.59	5.42	6.70	6.70	3.49
August 28, 2007	0	86.54	8.56	4.57	6.64	6.64	2.24
August 29, 2007	0	82.28	6.28	4.17	7.01	7.01	3.51
August 30, 2007	0	69.38	3.52	1.67	6.95	6.95	4.79
August 31, 2007	0	81.96	5.18	1.41	4.22	4.22	0.46
September 1, 2007	0	76.39	4.09	0.53	4.39	4.39	1.45
September 2, 2007	0	78.86	4.03	1.26	4.64	4.64	1.78
September 3, 2007	0	73.51	2.28	0.74	5.36	5.36	3.96
September 4, 2007	0	71.59	2.68	0.08	4.96	4.96	2.89
September 5, 2007	0.2	83.99	3.28	1.57	4.02	4.02	1.42
September 6, 2007	1.5	90.40	5.15	1.94	3.35	3.35	-0.63
September 7, 2007	5.1	96.21	5.40	0.81	1.35	1.35	-3.12
September 8, 2007	0.1	89.28	4.27	-1.31	0.32	0.32	-3.75
September 9, 2007	0.4	75.96	10.59	-2.80	1.07	1.07	-5.31
September 10, 2007	0	72.48	5.46	-3.12	1.39	1.39	-2.87
September 11, 2007	0	84.87	4.09	-2.44	-0.17	-0.17	-4.29
September 12, 2007	0	80.03	5.95	-4.05	-1.04	-1.04	-6.36
September 13, 2007	0	79.16	10.89	-3.64	-0.46	-0.46	-7.83
September 14, 2007	0	72.38	2.48	-4.55	-0.10	-0.10	-2.45
September 15, 2007	0	77.70	7.43	-3.75	-0.33	-0.33	-5.97
September 16, 2007	0	64.38	11.24	-6.01	0.05	0.05	-7.27
September 17, 2007	0	67.62	5.92	-6.31	-1.05	-1.05	-6.10
September 18, 2007	0	78.70	8.13	-6.43	-3.23	-3.23	-9.30
September 19, 2007	0	74.08	5.55	-7.16	-3.11	-3.11	-8.67
September 20, 2007	0	79.18	1.57	-7.04	-3.92	-3.92	-5.59
September 21, 2007	0	82.54	1.80	-5.37	-2.72	-2.72	-4.68
September 22, 2007	0	80.35	2.71	-5.60	-2.62	-2.62	-5.69
September 23, 2007	0	79.40	2.72	-6.08	-3.01	-3.01	-6.10
September 24, 2007	0	85.61	3.23	-6.83	-4.78	-4.78	-9.19
September 25, 2007	0.3	89.88	3.15	-7.51	-6.10	-6.10	-10.65
September 26, 2007	0	89.70	4.96	-7.94	-6.52	-6.52	-12.72
September 27, 2007	0	90.06	4.73	-7.09	-5.73	-5.73	-11.75
September 28, 2007	1	86.53	5.64	-7.86	-5.96	-5.96	-12.27
September 29, 2007	0	89.87	5.65	-7.87	-6.48	-6.48	-12.41
September 30, 2007	0	84.54	5.37	-6.85	-4.60	-4.59	-8.87
October 1, 2007	0	80.37	13.71	-4.24	-1.23	-1.23	-9.56
October 2, 2007	0	79.50	5.54	-7.40	-4.39	-4.39	-10.48
October 3, 2007	0	82.12	3.08	-8.89	-6.21	-6.21	-9.65
October 4, 2007	0	69.84	12.34	-7.56	-2.81	-2.81	-11.20
October 5, 2007	0	81.84	9.37	-5.63	-2.94	-2.94	-10.28
October 6, 2007	0	84.12	6.00	-9.16	-6.91	-6.91	-14.05
October 7, 2007	0	93.46	13.96	-4.00	-3.09	-3.09	-12.28
October 8, 2007	0	93.09	9.73	-2.15	-1.16	-1.16	-8.43
October 9, 2007	0	92.80	7.65	-3.52	-2.50	-2.50	-9.08
October 10, 2007	0	96.18	9.90	-3.80	-3.28	-3.28	-10.87
October 11, 2007	0	94.49	5.83	-4.72	-3.97	-3.97	-10.11
October 12, 2007	0	91.75	9.37	-3.95	-2.79	-2.79	-10.45
October 13, 2007	0	95.94	8.19	-0.78	-0.21	-0.21	-6.57
October 14, 2007	0	90.48	9.20	-5.38	-4.05	-4.05	-12.02
October 15, 2007	0	92.36	4.03	-10.73	-9.74	-9.74	-15.41
October 16, 2007	0	79.30	7.33	-11.07	-8.09	-8.09	-15.88
October 17, 2007	0	86.44	2.44	-14.11	-12.35	-12.35	-16.22
October 18, 2007	0	83.33	0.77	-18.42	-16.25	-16.25	-16.86
October 19, 2007	0	85.80	1.30	-20.89	-19.15	-19.15	-21.67
October 20, 2007	0	81.50	1.26	-18.11	-15.70	-15.70	-17.83
October 21, 2007	0	76.48	6.87	-14.47	-11.16	-11.16	-19.41
October 22, 2007	0	75.71	3.08	-16.25	-12.92	-12.92	-17.83
October 23, 2007	0	81.09	1.20	-17.98	-15.54	-15.54	-17.50
October 24, 2007	0	87.68	5.95	-20.05	-18.48	-18.48	-28.30
October 25, 2007	0	87.22	1.91	-19.91	-18.31	-18.31	-21.17
October 26, 2007	0	82.97	1.89	-20.26	-18.03	-18.03	-22.47
October 27, 2007	0	82.68	0.76	-21.52	-19.31	-19.31	-19.95

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
October 28, 2007	0	83.55	2.39	-24.89	-22.85	-22.85	-28.05
October 29, 2007	0	84.05	0.06	-23.86	-21.88	-21.88	-21.88
October 30, 2007	0	85.41	0.03	-22.28	-20.46	-20.46	-20.46
October 31, 2007	0	87.03	0.02	-20.35	-18.72	-18.72	-18.72
November 1, 2007	0	83.29	2.47	-16.19	-13.95	-13.95	-17.36
November 2, 2007	0	89.08	0.52	-17.98	-16.62	-16.62	-16.87
November 3, 2007	0	86.98	2.21	-20.61	-18.98	-18.98	-23.91
November 4, 2007	0	82.68	1.09	-25.48	-23.36	-23.36	-25.45
November 5, 2007	0	85.91	10.86	-18.89	-17.07	-17.07	-29.41
November 6, 2007	0	77.40	7.16	-28.12	-25.32	-25.32	-37.81
November 7, 2007	0	77.79	3.58	-27.27	-24.52	-24.52	-31.07
November 8, 2007	0	77.35	12.57	-20.85	-17.85	-17.85	-31.66
November 9, 2007	0	80.04	4.25	-24.85	-22.35	-22.35	-29.57
November 10, 2007	0	78.86	8.94	-26.88	-24.24	-24.24	-37.66
November 11, 2007	0	81.46	10.45	-25.45	-23.15	-23.15	-35.82
November 12, 2007	0	84.30	8.53	-19.23	-17.19	-17.19	-28.83
November 13, 2007	0	83.93	1.93	-22.54	-20.54	-20.54	-24.18
November 14, 2007	0	80.85	2.59	-27.43	-25.10	-25.10	-30.77
November 15, 2007	0	74.51	0.72	-34.20	-31.16	-31.16	-31.87
November 16, 2007	0	76.38	5.39	-31.76	-28.91	-28.91	-39.81
November 17, 2007	0	82.96	19.82	-24.44	-22.33	-22.33	-40.42
November 18, 2007	0	78.72	21.36	-17.27	-14.28	-14.28	-29.42
November 19, 2007	0	81.36	2.16	-20.31	-17.85	-17.85	-21.80
November 20, 2007	0	84.59	2.82	-21.04	-19.10	-19.10	-24.38
November 21, 2007	0	81.69	3.63	-25.12	-22.86	-22.86	-29.48
November 22, 2007	0	82.91	6.42	-24.15	-22.03	-22.03	-32.65
November 23, 2007	0	79.89	1.26	-27.99	-25.54	-25.54	-27.45
November 24, 2007	0	78.01	1.19	-30.87	-28.19	-28.19	-30.52
November 25, 2007	0	77.65	1.24	-31.08	-28.36	-28.36	-31.23
November 26, 2007	0	79.96	4.41	-28.01	-25.58	-25.58	-32.66
November 27, 2007	0	77.90	4.57	-29.17	-26.46	-26.46	-34.30
November 28, 2007	0	77.16	1.57	-31.65	-28.89	-28.89	-32.93
November 29, 2007	0	76.46	0.67	-32.03	-29.21	-29.21	-30.27
November 30, 2007	0	79.07	2.13	-28.94	-26.39	-26.39	-31.02
December 1, 2007	0	76.94	1.58	-31.80	-29.01	-29.01	-33.57
December 2, 2007	0	78.17	0.38	-30.34	-27.69	-27.69	-28.01
December 3, 2007	0	79.39	3.70	-28.87	-26.35	-26.35	-34.07
December 4, 2007	0	83.89	1.04	-23.27	-21.35	-21.35	-23.01
December 5, 2007	0	85.74	1.60	-21.86	-20.09	-20.09	-23.68
December 6, 2007	0	84.24	1.55	-23.69	-21.74	-21.74	-24.96
December 7, 2007	0	78.03	6.13	-22.25	-19.35	-19.35	-29.00
December 8, 2007	0	84.30	1.34	-19.51	-17.51	-17.51	-19.89
December 9, 2007	0	80.11	4.25	-22.18	-19.61	-19.61	-27.62
December 10, 2007	0	79.73	3.51	-22.33	-19.70	-19.70	-27.27
December 11, 2007	0	80.76	2.44	-27.78	-25.43	-25.43	-31.21
December 12, 2007	0	73.73	0.96	-34.95	-31.82	-31.82	-33.39
December 13, 2007	0	73.80	0.85	-34.74	-31.61	-31.61	-32.29
December 14, 2007	0	73.92	0.26	-34.77	-31.65	-31.65	-31.65
December 15, 2007	0	72.09	5.64	-36.52	-33.20	-33.19	-44.20
December 16, 2007	0	70.44	7.53	-37.67	-34.15	-34.15	-49.65
December 17, 2007	0	69.01	1.78	-39.23	-35.59	-35.59	-41.35
December 18, 2007	0	67.35	0.18	-41.18	-37.38	-37.38	-37.40
December 19, 2007	0	69.18	3.72	-39.16	-35.55	-35.55	-43.00
December 20, 2007	0	71.54	5.45	-36.55	-33.16	-33.16	-43.77
December 21, 2007	0	77.27	7.13	-27.62	-24.74	-24.74	-37.23
December 22, 2007	0	75.16	6.34	-29.13	-26.01	-26.01	-38.29
December 23, 2007	0	70.02	5.24	-36.53	-32.94	-32.94	-44.97
December 24, 2007	0	66.00	5.52	-40.85	-36.83	-36.83	-48.04
December 25, 2007	0	71.27	4.40	-37.13	-33.70	-33.70	-45.72
December 26, 2007	0	73.51	2.51	-35.11	-31.93	-31.93	-38.13
December 27, 2007	0	70.12	0.36	-38.39	-34.87	-34.87	-34.92
December 28, 2007	0	71.10	3.80	-37.44	-33.99	-33.99	-43.61
December 29, 2007	0	68.75	3.04	-39.68	-36.00	-36.00	-45.46
December 30, 2007	0	66.71	6.34	-41.59	-37.69	-37.69	-52.98
December 31, 2007	0	64.66	10.81	-43.08	-38.96	-38.96	-59.16
January 1, 2008	0	65.60	4.05	-42.36	-38.36	-38.36	-45.93
January 2, 2008	0	63.35	0.44	-44.79	-40.58	-40.58	-41.09
January 3, 2008	0	63.55	0.44	-44.54	-40.34	-40.34	-40.63
January 4, 2008	0	66.00	0.21	-42.02	-38.06	-38.06	-38.07
January 5, 2008	0	65.94	0.55	-42.20	-38.25	-38.25	-38.81
January 6, 2008	0	67.51	0.70	-40.46	-36.68	-36.68	-37.62

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 7, 2008	0	72.17	0.78	-35.18	-31.86	-31.86	-32.96
January 8, 2008	0	73.47	0.58	-32.23	-28.99	-28.99	-29.66
January 9, 2008	0	74.67	0.41	-33.88	-30.84	-30.84	-30.91
January 10, 2008	0	76.63	0.24	-31.45	-28.64	-28.64	-28.64
January 11, 2008	0	75.65	2.05	-31.51	-28.53	-28.53	-34.44
January 12, 2008	0	77.32	0.45	-30.93	-28.19	-28.19	-28.46
January 13, 2008	0	76.41	3.69	-27.75	-24.78	-24.78	-31.76
January 14, 2008	0	78.63	9.74	-26.72	-24.06	-24.06	-38.68
January 15, 2008	0	74.95	4.19	-25.15	-21.90	-21.90	-29.76
January 16, 2008	0	77.99	8.69	-25.80	-23.01	-23.01	-35.36
January 17, 2008	0	83.34	16.54	-22.47	-20.39	-20.39	-36.87
January 18, 2008	0	79.95	10.93	-23.94	-21.40	-21.40	-35.13
January 19, 2008	0	74.34	7.48	-29.17	-25.95	-25.95	-39.11
January 20, 2008	0	77.03	11.05	-27.87	-25.00	-25.00	-39.91
January 21, 2008	0	67.75	12.26	-24.93	-20.42	-20.42	-34.41
January 22, 2008	0	54.61	7.15	-29.48	-22.79	-22.79	-34.74
January 23, 2008	0	61.54	2.49	-31.94	-26.71	-26.71	-32.49
January 24, 2008	0	76.38	0.70	-31.56	-28.70	-28.70	-29.53
January 25, 2008	0	78.85	3.55	-28.63	-26.03	-26.03	-33.31
January 26, 2008	0	74.13	3.66	-29.65	-26.43	-26.43	-34.94
January 27, 2008	0	75.59	1.40	-32.88	-29.95	-29.95	-33.40
January 28, 2008	0	70.81	0.89	-37.70	-34.24	-34.24	-35.80
January 29, 2008	0	73.98	3.11	-33.61	-30.53	-30.53	-37.71
January 30, 2008	0	65.58	9.58	-21.55	-16.35	-16.35	-27.26
January 31, 2008	0	80.44	8.03	-14.01	-11.26	-11.26	-20.25
February 1, 2008	0	89.02	3.56	-11.01	-9.50	-9.50	-14.69
February 2, 2008	0	87.70	13.98	-15.42	-13.85	-13.85	-26.99
February 3, 2008	0	71.52	6.58	-35.35	-31.91	-31.91	-44.57
February 4, 2008	0	67.54	3.93	-40.09	-36.27	-36.27	-47.15
February 5, 2008	0	65.09	0.59	-43.44	-39.41	-39.41	-40.47
February 6, 2008	0	61.94	1.71	-46.42	-42.06	-42.06	-48.67
February 7, 2008	0	59.02	1.30	-48.84	-44.20	-44.20	-48.33
February 8, 2008	0	56.96	0.28	-50.68	-45.84	-45.84	-45.95
February 9, 2008	0	58.89	7.26	-48.03	-43.31	-43.31	-58.98
February 10, 2008	0	58.53	3.47	-47.24	-42.40	-42.40	-50.76
February 11, 2008	0	61.03	2.57	-44.20	-39.56	-39.56	-48.40
February 12, 2008	0	61.85	3.32	-41.68	-37.03	-37.03	-48.02
February 13, 2008	0	66.70	1.40	-41.47	-37.57	-37.57	-41.43
February 14, 2008	0	66.78	5.30	-41.50	-37.60	-37.60	-51.26
February 15, 2008	0	66.23	2.15	-41.89	-37.94	-37.94	-44.63
February 16, 2008	0	69.11	4.57	-39.33	-35.65	-35.65	-48.14
February 17, 2008	0	72.45	4.45	-35.92	-32.62	-32.62	-43.28
February 18, 2008	0	69.37	0.60	-38.68	-35.08	-35.08	-35.52
February 19, 2008	0	70.42	0.93	-37.78	-34.27	-34.27	-36.42
February 20, 2008	0	76.45	2.30	-31.68	-28.83	-28.82	-35.04
February 21, 2008	0	74.28	2.19	-32.54	-29.41	-29.41	-36.32
February 22, 2008	0	70.07	1.41	-37.23	-33.66	-33.66	-37.66
February 23, 2008	0	74.90	2.36	-33.42	-30.39	-30.39	-37.74
February 24, 2008	0	76.43	4.05	-31.06	-28.15	-28.15	-38.16
February 25, 2008	0	75.73	0.95	-32.25	-29.32	-29.32	-30.96
February 26, 2008	0	73.81	1.27	-34.56	-31.40	-31.40	-34.46
February 27, 2008	0	71.58	0.27	-36.84	-33.46	-33.46	-33.47
February 28, 2008	0	69.86	1.02	-38.42	-34.83	-34.83	-37.24
February 29, 2008	0	68.42	2.87	-39.64	-35.92	-35.92	-43.65
March 1, 2008	0	68.32	6.24	-39.71	-35.96	-35.96	-50.28
March 2, 2008	0	67.75	0.66	-40.18	-36.40	-36.40	-37.35
March 3, 2008	0	71.75	6.55	-35.58	-32.19	-32.19	-44.77
March 4, 2008	0	76.05	13.77	-27.57	-24.55	-24.55	-41.41
March 5, 2008	0	69.07	6.54	-25.40	-21.21	-21.21	-32.24
March 6, 2008	0	68.56	1.98	-29.57	-25.46	-25.46	-30.01
March 7, 2008	0	75.51	10.64	-29.52	-26.48	-26.48	-42.37
March 8, 2008	0	72.58	7.05	-29.88	-26.42	-26.42	-38.52
March 9, 2008	0	70.61	1.05	-34.64	-31.04	-31.04	-33.28
March 10, 2008	0	69.56	1.66	-38.37	-34.75	-34.75	-40.04
March 11, 2008	0	68.88	1.43	-38.83	-35.14	-35.14	-39.42
March 12, 2008	0	70.70	4.45	-37.14	-33.65	-33.65	-45.76
March 13, 2008	0	69.40	1.01	-38.46	-34.83	-34.83	-37.40
March 14, 2008	0	70.86	5.53	-36.23	-32.73	-32.73	-42.56
March 15, 2008	0	73.44	1.60	-33.52	-30.29	-30.29	-34.36
March 16, 2008	0	69.72	4.13	-31.01	-27.10	-27.09	-37.13
March 17, 2008	0	69.32	7.05	-32.11	-28.21	-28.21	-40.03

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 18, 2008	0	67.20	11.99	-37.04	-33.03	-33.03	-51.97
March 19, 2008	0	65.08	2.86	-34.79	-30.33	-30.33	-38.12
March 20, 2008	0	69.28	3.59	-38.09	-34.43	-34.43	-42.58
March 21, 2008	0	62.63	0.82	-41.76	-37.25	-37.25	-38.47
March 22, 2008	0	60.50	1.44	-40.90	-35.99	-35.99	-40.41
March 23, 2008	0	69.88	7.00	-35.03	-31.31	-31.31	-45.04
March 24, 2008	0	69.99	9.00	-29.25	-25.34	-25.34	-39.66
March 25, 2008	0	66.27	3.74	-29.74	-25.26	-25.26	-34.27
March 26, 2008	0	76.49	3.56	-29.40	-26.49	-26.49	-35.63
March 27, 2008	0	77.97	1.31	-29.55	-26.84	-26.84	-30.39
March 28, 2008	0	73.65	7.82	-31.35	-28.09	-28.09	-42.37
March 29, 2008	0	69.86	3.72	-32.86	-29.07	-29.07	-37.43
March 30, 2008	0	78.83	5.22	-26.96	-24.33	-24.33	-34.18
March 31, 2008	0	79.20	4.64	-24.41	-21.76	-21.76	-29.55
April 1, 2008	0	70.55	3.35	-18.75	-14.45	-14.45	-20.12
April 2, 2008	0	68.25	4.77	-21.50	-16.94	-16.94	-24.83
April 3, 2008	0	74.86	1.66	-20.48	-17.15	-17.15	-20.36
April 4, 2008	0	75.32	4.80	-20.11	-16.70	-16.70	-25.21
April 5, 2008	0	71.66	6.50	-19.11	-15.15	-15.15	-24.56
April 6, 2008	0	78.34	3.07	-18.34	-15.41	-15.41	-21.58
April 7, 2008	0	84.22	8.01	-18.81	-16.76	-16.76	-27.18
April 8, 2008	0	82.72	12.47	-20.25	-18.02	-18.02	-32.02
April 9, 2008	0	80.58	9.28	-18.28	-15.71	-15.71	-27.32
April 10, 2008	0	84.45	3.76	-18.10	-16.11	-16.11	-22.66
April 11, 2008	1.4	83.90	1.09	-22.78	-20.74	-20.74	-22.82
April 12, 2008	0	80.28	3.73	-23.00	-20.49	-20.49	-27.69
April 13, 2008	0	73.99	1.95	-24.12	-20.72	-20.72	-24.45
April 14, 2008	0	71.49	3.95	-25.22	-21.46	-21.46	-28.68
April 15, 2008	0	83.26	3.21	-19.33	-17.13	-17.13	-23.14
April 16, 2008	0	80.72	2.96	-20.29	-17.78	-17.78	-23.88
April 17, 2008	0	82.45	1.52	-21.91	-19.67	-19.67	-23.00
April 18, 2008	0	79.15	7.27	-23.35	-20.69	-20.69	-32.16

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
April 19, 2008	0	77.02	5.49	-25.76	-22.84	-22.84	-32.69
April 20, 2008	0	74.26	0.94	-27.49	-24.17	-24.17	-26.00
April 21, 2008	0	73.93	2.75	-23.51	-20.07	-20.07	-25.12
April 22, 2008	0	80.92	11.27	-21.21	-18.72	-18.72	-32.42
April 23, 2008	0.1	74.56	3.21	-20.11	-16.68	-16.68	-22.45
April 24, 2008	0	73.77	7.96	-15.13	-11.24	-11.24	-20.42
April 25, 2008	0	86.50	12.56	-11.78	-10.01	-10.01	-21.22
April 26, 2008	0	81.51	8.19	-18.46	-16.01	-16.01	-27.06
April 27, 2008	0	76.59	2.59	-20.21	-17.08	-17.08	-22.02
April 28, 2008	0	75.60	6.40	-19.88	-16.57	-16.57	-25.80
April 29, 2008	0	82.42	10.40	-15.86	-13.51	-13.51	-25.07
April 30, 2008	0	84.15	4.66	-12.93	-10.78	-10.78	-17.21
May 1, 2008	0	85.51	3.28	-13.51	-11.57	-11.57	-16.38
May 2, 2008	0	79.56	4.21	-13.76	-10.91	-10.91	-17.42
May 3, 2008	0	82.66	1.58	-14.38	-12.02	-12.02	-14.60
May 4, 2008	0	83.46	3.72	-13.44	-11.18	-11.18	-15.97
May 5, 2008	0	87.71	11.61	-11.91	-10.24	-10.24	-21.14
May 6, 2008	0	84.45	10.89	-12.04	-9.90	-9.90	-20.48
May 7, 2008	0	82.89	8.20	-10.39	-7.99	-7.99	-16.73
May 8, 2008	0	80.21	5.53	-9.70	-6.87	-6.87	-13.66
May 9, 2008	0	80.44	3.09	-8.17	-5.33	-5.33	-9.45
May 10, 2008	0.1	80.40	2.51	-8.84	-5.93	-5.93	-9.28
May 11, 2008	0	83.51	3.16	-7.43	-5.06	-5.06	-9.35
May 12, 2008	0	77.73	0.50	-7.17	-3.76	-3.76	-3.90
May 13, 2008	0	72.52	1.39	-6.88	-2.62	-2.62	-3.89
May 14, 2008	0	62.78	5.64	-6.51	-0.25	-0.25	-5.28
May 15, 2008	0	71.97	1.76	-5.37	-0.93	-0.93	-2.79
May 16, 2008	0	69.51	7.18	-4.60	0.39	0.39	-4.86
May 17, 2008	0	75.81	9.74	-3.39	0.33	0.33	-6.40
May 18, 2008	0	81.50	5.38	-3.82	-1.04	-1.04	-6.23
May 19, 2008	0	78.69	5.43	-3.60	-0.30	-0.30	-5.35
May 20, 2008	0	65.23	2.60	-6.71	-0.95	-0.95	-3.84
May 21, 2008	0	92.64	3.37	-0.85	0.25	0.25	-2.86
May 22, 2008	0	84.93	4.43	-3.01	-0.74	-0.74	-5.04
May 23, 2008	0	80.98	4.01	-3.63	-0.74	-0.74	-4.95
May 24, 2008	0	87.81	8.24	-4.41	-2.63	-2.63	-9.05
May 25, 2008	0	-	6.16	-	-	-	-
May 26, 2008	-	-	-	-	-	-	-
May 27, 2008	-	-	-	-	-	-	-
May 28, 2008	-	-	-	-	-	-	-
May 29, 2008	-	-	-	-	-	-	-
May 30, 2008	-	-	-	-	-	-	-
May 31, 2008	-	-	-	-	-	-	-
June 1, 2008	-	-	-	-	-	-	-
June 2, 2008	-	-	-	-	-	-	-
June 3, 2008	-	-	-	-	-	-	-
June 4, 2008	-	-	-	-	-	-	-
June 5, 2008	-	-	-	-	-	-	-
June 6, 2008	-	-	-	-	-	-	-
June 7, 2008	-	-	-	-	-	-	-
June 8, 2008	-	-	-	-	-	-	-
June 9, 2008	-	-	-	-	-	-	-
June 10, 2008	-	-	-	-	-	-	-
June 11, 2008	-	-	-	-	-	-	-
June 12, 2008	-	-	-	-	-	-	-
June 13, 2008	-	-	-	-	-	-	-
June 14, 2008	-	-	-	-	-	-	-
June 15, 2008	-	-	-	-	-	-	-
June 16, 2008	0.9	-	7.33	-	-	-	-
June 17, 2008	1.2	94.17	5.88	1.14	1.97	1.97	-2.57
June 18, 2008	0.2	88.21	7.35	2.07	3.85	3.85	-0.38
June 19, 2008	0	73.33	13.05	1.81	6.35	6.35	0.75
June 20, 2008	0	79.82	8.16	4.36	7.65	7.65	3.88
June 21, 2008	4	91.05	4.76	5.26	6.67	6.67	3.83
June 22, 2008	1.9	91.14	2.31	3.37	4.81	4.81	3.21
June 23, 2008	0.1	82.39	4.10	2.01	4.85	4.85	1.86
June 24, 2008	0	90.65	4.90	2.38	3.75	3.75	0.16
June 25, 2008	6.1	94.78	2.02	2.69	3.45	3.45	1.81
June 26, 2008	0	85.02	1.88	4.78	7.31	7.31	6.66
June 27, 2008	0	68.93	2.84	4.94	10.62	10.62	10.33
June 28, 2008	0	63.53	3.48	5.67	12.51	12.51	12.40

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 29, 2008	0	65.27	3.92	4.89	11.33	11.33	10.85
June 30, 2008	0	62.82	6.88	0.95	7.62	7.62	4.22
July 1, 2008	0	67.91	7.37	1.02	6.54	6.54	2.57
July 2, 2008	0	67.25	3.92	1.65	7.36	7.36	5.17
July 3, 2008	0	56.24	4.64	2.17	10.64	10.64	10.08
July 4, 2008	0	54.42	5.74	0.99	9.77	9.77	8.31
July 5, 2008	0	58.74	6.25	0.56	8.15	8.15	5.11
July 6, 2008	0	58.99	1.92	2.31	10.06	10.06	9.57
July 7, 2008	0	62.73	5.08	2.72	9.43	9.43	7.82
July 8, 2008	0	69.99	2.15	4.13	9.45	9.45	8.52
July 9, 2008	1.3	71.85	2.31	5.56	10.46	10.46	10.29
July 10, 2008	0	58.65	2.75	4.00	12.39	12.39	11.78
July 11, 2008	0	53.17	1.91	5.57	15.25	15.25	15.25
July 12, 2008	0	43.45	4.10	2.09	14.48	14.48	14.48
July 13, 2008	0	37.93	3.00	0.92	15.56	15.56	15.56
July 14, 2008	0	44.78	3.55	2.99	15.51	15.51	15.51
July 15, 2008	2.3	63.05	4.50	7.38	14.51	14.51	14.51
July 16, 2008	8.1	83.18	6.93	8.17	10.93	10.93	9.91
July 17, 2008	0.5	76.25	3.47	4.90	8.95	8.95	7.52
July 18, 2008	3.9	84.18	10.70	6.66	9.23	9.23	6.58
July 19, 2008	0	65.42	5.57	1.55	8.00	8.00	4.96
July 20, 2008	0	58.13	3.29	-1.27	6.55	6.55	4.45
July 21, 2008	2	75.29	2.29	1.84	5.99	5.99	4.57
July 22, 2008	39.1	92.92	12.28	7.26	8.31	8.31	3.98
July 23, 2008	16.3	94.93	9.22	7.88	8.62	8.62	4.76
July 24, 2008	0.2	87.87	7.47	4.50	6.39	6.39	2.24
July 25, 2008	0	81.30	5.55	4.63	7.74	7.74	5.04
July 26, 2008	0	73.94	7.61	6.69	11.23	11.23	9.67
July 27, 2008	0	73.50	3.46	5.81	10.39	10.38	9.83
July 28, 2008	2	75.00	8.69	4.66	8.86	8.86	6.02
July 29, 2008	0.2	85.30	8.98	6.20	8.55	8.55	4.62
July 30, 2008	6.2	91.62	10.47	6.90	8.17	8.17	3.70
July 31, 2008	0.1	80.62	4.28	6.27	9.64	9.64	8.33
August 1, 2008	0	65.20	6.13	6.56	13.22	13.22	12.41
August 2, 2008	0	60.30	2.33	6.71	14.55	14.55	14.55
August 3, 2008	0	71.04	3.18	5.84	10.91	10.91	10.46
August 4, 2008	0	74.42	2.78	5.31	9.73	9.73	8.87
August 5, 2008	1	81.52	3.18	5.62	8.64	8.64	6.91
August 6, 2008	2.9	90.83	3.57	6.63	8.03	8.03	6.01
August 7, 2008	0	80.18	3.41	6.93	10.26	10.26	9.15
August 8, 2008	0	69.81	4.24	8.70	14.15	14.15	14.15
August 9, 2008	0	-	5.28	-	-	-	-
August 10, 2008	-	-	-	-	-	-	-
August 11, 2008	-	-	-	-	-	-	-
August 12, 2008	-	-	-	-	-	-	-
August 13, 2008	-	-	-	-	-	-	-
August 14, 2008	-	-	-	-	-	-	-
August 15, 2008	-	-	-	-	-	-	-
August 16, 2008	-	-	-	-	-	-	-
August 17, 2008	-	-	-	-	-	-	-
August 18, 2008	-	-	-	-	-	-	-
August 19, 2008	-	-	-	-	-	-	-
August 20, 2008	-	-	-	-	-	-	-
August 21, 2008	-	-	-	-	-	-	-
August 22, 2008	-	-	-	-	-	-	-
August 23, 2008	-	-	-	-	-	-	-
August 24, 2008	-	-	-	-	-	-	-
August 25, 2008	-	-	-	-	-	-	-
August 26, 2008	-	-	-	-	-	-	-
August 27, 2008	-	-	-	-	-	-	-
August 28, 2008	-	-	-	-	-	-	-
August 29, 2008	-	-	-	-	-	-	-
August 30, 2008	-	-	-	-	-	-	-
August 31, 2008	-	-	-	-	-	-	-
September 1, 2008	-	-	-	-	-	-	-
September 2, 2008	-	-	-	-	-	-	-
September 3, 2008	-	-	-	-	-	-	-
September 4, 2008	-	-	-	-	-	-	-
September 5, 2008	-	-	-	-	-	-	-
September 6, 2008	-	-	-	-	-	-	-
September 7, 2008	-	-	-	-	-	-	-

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
September 8, 2008	-	-	-	-	-	-	-
September 9, 2008	-	-	-	-	-	-	-
September 10, 2008	-	-	-	-	-	-	-
September 11, 2008	-	-	-	-	-	-	-
September 12, 2008	-	-	-	-	-	-	-
September 13, 2008	-	-	-	-	-	-	-
September 14, 2008	-	-	-	-	-	-	-
September 15, 2008	-	-	-	-	-	-	-
September 16, 2008	-	-	-	-	-	-	-
September 17, 2008	-	-	-	-	-	-	-
September 18, 2008	-	-	-	-	-	-	-
September 19, 2008	-	-	-	-	-	-	-
September 20, 2008	-	-	-	-	-	-	-
September 21, 2008	0.2	-	1.87	-	-	-	-
September 22, 2008	0	82.73	1.85	-5.75	-3.20	-3.20	-5.47
September 23, 2008	0	90.05	3.61	-5.52	-4.12	-4.12	-8.71
September 24, 2008	0	80.77	2.08	-5.57	-2.63	-2.63	-4.82
September 25, 2008	0	79.27	9.52	-4.85	-1.55	-1.55	-8.44
September 26, 2008	0	73.31	13.73	-5.47	-1.29	-1.29	-9.74
September 27, 2008	0	74.75	7.74	-8.92	-5.14	-5.14	-12.68
September 28, 2008	0	82.74	5.85	-9.41	-6.95	-6.95	-14.10
September 29, 2008	0	81.60	4.57	-10.62	-8.01	-8.01	-13.85
September 30, 2008	0	78.91	1.18	-12.46	-9.50	-9.50	-10.79
October 1, 2008	0	86.80	0.47	-12.53	-10.75	-10.75	-10.79
October 2, 2008	0	86.78	0.44	-13.06	-11.26	-11.26	-11.38
October 3, 2008	0	82.82	3.97	-12.23	-9.85	-9.85	-14.57
October 4, 2008	0	97.17	6.49	-4.96	-4.58	-4.58	-11.46
October 5, 2008	0	87.84	3.59	-6.54	-4.81	-4.81	-8.66
October 6, 2008	0	91.39	0.50	-14.20	-13.06	-13.06	-13.36
October 7, 2008	0	82.32	11.70	-8.77	-6.18	-6.18	-14.03
October 8, 2008	0	92.44	8.47	-4.07	-3.02	-3.02	-9.54
October 9, 2008	0	83.06	5.00	-7.85	-5.38	-5.38	-10.98
October 10, 2008	0	83.75	10.32	-9.32	-7.00	-7.00	-16.28
October 11, 2008	0	79.09	6.88	-12.70	-9.77	-9.77	-17.59
October 12, 2008	0	91.40	12.32	-11.04	-9.92	-9.92	-20.96
October 13, 2008	0	92.76	4.94	-6.45	-5.48	-5.48	-11.52
October 14, 2008	0	77.96	2.09	-12.03	-8.89	-8.89	-12.04
October 15, 2008	0	87.55	4.75	-12.48	-10.80	-10.80	-17.21
October 16, 2008	0	89.84	1.06	-16.61	-15.34	-15.34	-17.35
October 17, 2008	0	86.69	5.98	-19.25	-17.57	-17.57	-26.28
October 18, 2008	0	84.06	6.77	-16.91	-14.85	-14.85	-24.54
October 19, 2008	0	83.20	2.76	-22.38	-20.29	-20.29	-25.93
October 20, 2008	0	80.44	4.32	-15.97	-13.36	-13.36	-20.06
October 21, 2008	0	86.17	8.06	-15.78	-13.98	-13.98	-24.16
October 22, 2008	0	79.72	1.78	-17.74	-14.99	-14.99	-18.17
October 23, 2008	0	72.87	1.21	-23.00	-19.32	-19.32	-21.27
October 24, 2008	0	65.93	2.38	-18.77	-13.43	-13.43	-17.08
October 25, 2008	0	63.06	6.79	-14.27	-8.46	-8.46	-16.08
October 26, 2008	0	77.44	9.19	-8.02	-4.57	-4.57	-12.46
October 27, 2008	0	92.54	5.76	-6.06	-5.06	-5.06	-10.94
October 28, 2008	0	86.89	4.95	-13.68	-11.95	-11.95	-19.31
October 29, 2008	0	85.27	7.13	-17.13	-15.23	-15.23	-24.70
October 30, 2008	0	79.69	7.88	-20.53	-17.85	-17.85	-29.06
October 31, 2008	0	77.73	7.25	-24.86	-22.00	-22.00	-33.97
November 1, 2008	0	80.55	4.96	-21.48	-18.93	-18.93	-27.06
November 2, 2008	0	72.31	3.87	-21.62	-17.80	-17.80	-24.78
November 3, 2008	0	78.54	1.68	-24.92	-22.22	-22.22	-25.80
November 4, 2008	0	82.09	2.85	-21.40	-19.09	-19.09	-25.75
November 5, 2008	0	77.02	1.20	-23.11	-20.12	-20.12	-22.00
November 6, 2008	0	79.41	2.40	-23.22	-20.54	-20.54	-26.38
November 7, 2008	0	81.71	0.83	-23.44	-21.16	-21.16	-22.18
November 8, 2008	0	75.80	1.21	-22.60	-19.39	-19.39	-21.27
November 9, 2008	0	68.88	2.75	-21.62	-17.30	-17.30	-21.71
November 10, 2008	0	77.13	8.35	-17.49	-14.34	-14.34	-24.15
November 11, 2008	0	86.61	0.55	-20.91	-19.24	-19.24	-19.37
November 12, 2008	0	83.86	6.23	-18.08	-15.99	-15.99	-24.84
November 13, 2008	0	78.94	3.91	-19.05	-16.17	-16.17	-22.92
November 14, 2008	0	84.65	2.33	-22.80	-20.88	-20.88	-25.37
November 15, 2008	0	80.99	4.22	-23.36	-20.97	-20.97	-29.37
November 16, 2008	0	78.59	0.87	-30.04	-27.44	-27.44	-29.02
November 17, 2008	0	75.13	1.11	-33.76	-30.75	-30.75	-33.48

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 18, 2008	0	80.46	0.76	-27.59	-25.21	-25.21	-25.92
November 19, 2008	0	77.86	4.28	-30.77	-28.06	-28.06	-38.09
November 20, 2008	0	73.26	1.66	-35.16	-31.97	-31.97	-35.24
November 21, 2008	0	73.32	1.12	-35.11	-31.93	-31.93	-34.38
November 22, 2008	0	76.21	5.39	-31.77	-28.91	-28.91	-39.81
November 23, 2008	0	71.73	5.42	-36.42	-33.05	-33.05	-43.20
November 24, 2008	0	75.33	2.31	-33.14	-30.18	-30.18	-34.93
November 25, 2008	0	84.08	7.89	-22.87	-20.87	-20.87	-29.65
November 26, 2008	0	82.77	13.66	-14.54	-12.19	-12.19	-24.21
November 27, 2008	0	89.70	1.52	-15.94	-14.61	-14.61	-16.99
November 28, 2008	0	87.88	1.71	-19.04	-17.52	-17.52	-20.74
November 29, 2008	0	82.44	5.62	-19.89	-17.63	-17.63	-26.81
November 30, 2008	0	83.31	4.02	-24.99	-22.88	-22.88	-31.83
December 1, 2008	0	80.93	5.07	-27.43	-25.07	-25.07	-36.03
December 2, 2008	0	85.07	4.67	-20.93	-19.00	-19.00	-27.47
December 3, 2008	0	74.93	5.77	-21.41	-18.05	-18.05	-27.67
December 4, 2008	0	76.37	6.01	-24.49	-21.45	-21.44	-31.96
December 5, 2008	0	74.62	10.08	-23.95	-20.55	-20.55	-34.00
December 6, 2008	0	74.99	7.35	-23.98	-20.68	-20.68	-31.21
December 7, 2008	0	75.68	4.89	-25.51	-22.37	-22.37	-32.19
December 8, 2008	0	77.04	7.17	-22.07	-19.04	-19.04	-29.29
December 9, 2008	0	75.83	2.74	-24.13	-20.99	-20.99	-27.13
December 10, 2008	0	71.80	8.32	-34.39	-30.98	-30.98	-44.93
December 11, 2008	0	72.20	1.64	-36.87	-33.58	-33.58	-36.69
December 12, 2008	0	72.69	10.04	-34.31	-30.99	-30.99	-47.77
December 13, 2008	0	71.79	0.44	-36.99	-33.66	-33.66	-33.87
December 14, 2008	0	69.91	0.63	-38.63	-35.09	-35.09	-36.13
December 15, 2008	0	71.32	4.66	-36.82	-33.42	-33.42	-45.43
December 16, 2008	0	72.50	3.11	-35.67	-32.36	-32.36	-42.03
December 17, 2008	0	70.50	6.22	-35.41	-31.83	-31.83	-45.71
December 18, 2008	0	68.09	2.90	-39.78	-36.04	-36.04	-42.04
December 19, 2008	0	68.57	0.63	-40.19	-36.51	-36.51	-37.22
December 20, 2008	0	73.62	5.85	-34.76	-31.59	-31.59	-41.95
December 21, 2008	0	73.97	11.82	-33.38	-30.23	-30.23	-48.10
December 22, 2008	0	71.33	2.07	-36.61	-33.19	-33.19	-36.35
December 23, 2008	0	69.04	0.38	-39.56	-35.92	-35.92	-36.07
December 24, 2008	0	67.68	1.09	-40.72	-36.93	-36.93	-40.09
December 25, 2008	0	65.06	0.38	-43.11	-39.06	-39.06	-39.17
December 26, 2008	0	67.41	5.66	-40.54	-36.70	-36.70	-49.98
December 27, 2008	0	72.10	15.54	-33.98	-30.60	-30.60	-50.53
December 28, 2008	0	73.60	11.02	-29.55	-26.23	-26.23	-39.85
December 29, 2008	0	78.92	2.58	-28.83	-26.27	-26.27	-33.13
December 30, 2008	0	75.02	5.23	-27.74	-24.57	-24.57	-35.04
December 31, 2008	0	78.03	8.23	-21.03	-18.18	-18.18	-29.26
January 1, 2009	0	87.87	10.92	-14.07	-12.45	-12.45	-23.02
January 2, 2009	0	80.35	13.56	-24.15	-21.69	-21.69	-37.40
January 3, 2009	0	73.67	18.03	-31.54	-28.31	-28.31	-48.43
January 4, 2009	0	73.88	4.47	-33.00	-29.84	-29.84	-38.32
January 5, 2009	0	73.61	3.32	-27.25	-23.80	-23.80	-31.53
January 6, 2009	0	80.09	7.28	-22.83	-20.29	-20.28	-31.95
January 7, 2009	0	78.50	3.66	-28.49	-25.85	-25.85	-34.78
January 8, 2009	0	75.17	1.81	-29.68	-26.59	-26.59	-31.68
January 9, 2009	0	76.19	0.95	-32.41	-29.54	-29.54	-31.45
January 10, 2009	0	73.25	0.62	-35.24	-32.06	-32.06	-32.97
January 11, 2009	0	74.09	4.95	-31.14	-27.94	-27.94	-38.79
January 12, 2009	0	71.91	10.28	-28.21	-24.60	-24.60	-39.61
January 13, 2009	0	61.74	4.69	-30.47	-25.23	-25.23	-35.26
January 14, 2009	0	73.71	2.58	-33.38	-30.20	-30.20	-37.61
January 15, 2009	0	73.84	3.00	-33.77	-30.62	-30.62	-38.43
January 16, 2009	0	71.69	5.48	-37.00	-33.60	-33.60	-46.58
January 17, 2009	0	69.41	1.48	-38.76	-35.15	-35.15	-39.06
January 18, 2009	0	76.97	8.50	-29.60	-26.77	-26.77	-40.27
January 19, 2009	0	78.60	7.38	-25.41	-22.70	-22.70	-35.19
January 20, 2009	0	78.07	3.44	-24.71	-21.92	-21.92	-29.60
January 21, 2009	0	78.20	3.01	-29.94	-27.27	-27.27	-35.30
January 22, 2009	0	77.36	2.56	-30.38	-27.63	-27.63	-34.14
January 23, 2009	0	75.89	5.02	-26.59	-23.56	-23.56	-32.89
January 24, 2009	0	79.93	3.00	-26.23	-23.70	-23.70	-30.51
January 25, 2009	0	75.72	2.04	-32.70	-29.77	-29.77	-34.84
January 26, 2009	0	76.54	2.61	-31.60	-28.78	-28.78	-36.42
January 27, 2009	0	73.98	1.28	-34.41	-31.29	-31.29	-34.62

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 28, 2009	0	70.12	0.80	-38.31	-34.77	-34.77	-35.74
January 29, 2009	0	70.90	1.06	-37.44	-33.98	-33.98	-36.06
January 30, 2009	0	71.32	0.13	-37.00	-33.59	-33.59	-33.59
January 31, 2009	0	70.68	0.02	-37.59	-34.12	-34.12	-34.12
February 1, 2009	0	72.21	0.05	-36.04	-32.73	-32.73	-32.73
February 2, 2009	0	70.68	0.01	-37.56	-34.09	-34.09	-34.09
February 3, 2009	0	69.50	0.07	-38.70	-35.10	-35.10	-35.10
February 4, 2009	0	67.81	0.10	-40.30	-36.52	-36.52	-36.52
February 5, 2009	0	69.49	0.20	-38.61	-35.00	-35.00	-35.00
February 6, 2009	0	71.64	0.58	-36.55	-33.17	-33.17	-34.60
February 7, 2009	0	75.26	4.08	-32.96	-29.97	-29.97	-40.77
February 8, 2009	0	81.35	5.71	-26.38	-24.08	-24.08	-35.11
February 9, 2009	0	81.77	4.07	-25.93	-23.66	-23.66	-30.96
February 10, 2009	0	82.53	1.07	-25.10	-22.94	-22.94	-25.16
February 11, 2009	0	78.01	1.42	-30.15	-27.47	-27.47	-30.77
February 12, 2009	0	75.10	0.20	-32.98	-29.97	-29.97	-30.03
February 13, 2009	0	76.31	1.37	-31.71	-28.87	-28.87	-31.75
February 14, 2009	0	79.66	3.14	-28.25	-25.77	-25.77	-33.49
February 15, 2009	0	71.71	5.98	-36.59	-33.22	-33.22	-45.49
February 16, 2009	0	69.12	1.26	-39.02	-35.38	-35.37	-38.61
February 17, 2009	0	68.73	2.46	-39.46	-35.78	-35.78	-43.49
February 18, 2009	0	68.53	0.72	-39.38	-35.70	-35.70	-37.97
February 19, 2009	0	68.17	0.75	-39.81	-36.05	-36.05	-37.72
February 20, 2009	0	73.61	11.95	-33.65	-30.45	-30.45	-47.77
February 21, 2009	0	75.32	9.66	-30.66	-27.63	-27.63	-41.68
February 22, 2009	0	74.01	1.72	-34.43	-31.30	-31.30	-35.95
February 23, 2009	0	74.17	4.20	-31.57	-28.37	-28.37	-38.83
February 24, 2009	0	72.58	4.60	-30.58	-27.11	-27.11	-37.05
February 25, 2009	0	71.73	1.51	-36.31	-32.94	-32.93	-37.43
February 26, 2009	0	70.20	1.73	-37.78	-34.24	-34.24	-39.60
February 27, 2009	0	74.53	4.10	-33.91	-30.78	-30.78	-41.78
February 28, 2009	0	73.98	1.13	-34.01	-30.90	-30.90	-32.89
March 1, 2009	0	72.01	1.34	-36.08	-32.74	-32.74	-36.60
March 2, 2009	0	68.23	6.20	-39.11	-35.33	-35.33	-49.51
March 3, 2009	0	70.61	12.07	-35.15	-31.56	-31.56	-50.08
March 4, 2009	0	68.81	3.97	-35.42	-31.61	-31.61	-39.20
March 5, 2009	0	79.33	11.01	-25.14	-22.56	-22.56	-36.27
March 6, 2009	0	82.89	8.26	-22.17	-20.03	-20.03	-30.17
March 7, 2009	0	82.05	1.98	-25.05	-22.83	-22.83	-26.69
March 8, 2009	0	67.41	9.39	-38.48	-34.57	-34.57	-52.25
March 9, 2009	0	63.53	5.19	-42.15	-37.82	-37.82	-50.10
March 10, 2009	0	64.34	2.14	-43.35	-39.20	-39.20	-45.95
March 11, 2009	0	71.66	3.97	-36.30	-32.92	-32.92	-43.80
March 12, 2009	0	74.06	4.19	-33.53	-30.39	-30.39	-41.15
March 13, 2009	0	70.07	4.37	-30.78	-26.93	-26.93	-37.42
March 14, 2009	0	68.65	4.57	-30.54	-26.51	-26.51	-36.95
March 15, 2009	0	68.96	1.25	-31.50	-27.54	-27.54	-30.07
March 16, 2009	0	68.67	0.96	-31.62	-27.57	-27.57	-29.58
March 17, 2009	0	75.76	2.58	-31.45	-28.48	-28.48	-36.13
March 18, 2009	0	74.12	3.88	-28.89	-25.62	-25.62	-34.51
March 19, 2009	0	74.68	1.87	-32.74	-29.67	-29.67	-34.85
March 20, 2009	0	76.35	4.30	-30.47	-27.54	-27.54	-38.07
March 21, 2009	0	70.15	1.76	-28.52	-24.55	-24.55	-29.38
March 22, 2009	0	68.22	4.31	-31.39	-27.34	-27.34	-36.37
March 23, 2009	0	75.06	1.51	-31.35	-28.29	-28.29	-31.94
March 24, 2009	0	75.26	0.47	-31.50	-28.46	-28.46	-29.24
March 25, 2009	0	72.45	1.78	-34.96	-31.63	-31.63	-36.04
March 26, 2009	0	73.46	2.09	-32.57	-29.33	-29.33	-35.01
March 27, 2009	0	71.61	5.38	-34.10	-30.63	-30.63	-38.47
March 28, 2009	0	75.31	8.63	-25.53	-22.34	-22.34	-35.00
March 29, 2009	0	78.16	13.29	-22.51	-19.66	-19.66	-34.63
March 30, 2009	0	76.93	6.01	-21.34	-18.31	-18.31	-26.25
March 31, 2009	0	87.10	4.95	-14.93	-13.24	-13.24	-19.75
April 1, 2009	0.1	84.75	3.65	-16.31	-14.32	-14.32	-19.59
April 2, 2009	0	84.05	0.30	-23.30	-21.31	-21.31	-21.32
April 3, 2009	0	83.46	0.42	-22.65	-20.60	-20.60	-20.75
April 4, 2009	0	85.33	3.06	-20.27	-18.41	-18.41	-24.13
April 5, 2009	0	79.35	2.72	-23.14	-20.46	-20.46	-26.55
April 6, 2009	0	74.22	3.41	-28.32	-25.13	-25.13	-31.94
April 7, 2009	0	77.47	2.28	-26.67	-23.78	-23.78	-28.56
April 8, 2009	0	82.01	5.41	-16.93	-14.52	-14.52	-22.09

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
April 9, 2009	0	83.05	3.89	-21.20	-19.04	-19.04	-26.78
April 10, 2009	0	78.77	2.85	-23.49	-20.76	-20.75	-25.99
April 11, 2009	0	79.23	12.39	-19.33	-16.57	-16.57	-29.91
April 12, 2009	0	79.47	3.93	-20.79	-18.10	-18.10	-25.28
April 13, 2009	0	56.04	2.45	-30.30	-23.88	-23.88	-30.25
April 14, 2009	0	64.38	0.98	-28.89	-24.09	-24.09	-25.48
April 15, 2009	0	72.27	0.55	-28.13	-24.49	-24.49	-24.81
April 16, 2009	0	70.60	2.81	-27.17	-23.30	-23.30	-28.24
April 17, 2009	0	75.09	11.59	-20.48	-17.02	-17.02	-29.84
April 18, 2009	0	83.81	5.73	-17.16	-15.03	-15.03	-22.87
April 19, 2009	0.1	75.51	1.44	-20.82	-17.46	-17.46	-20.21
April 20, 2009	0.3	71.36	2.57	-22.00	-18.07	-18.07	-22.12
April 21, 2009	0	72.66	2.78	-25.12	-21.52	-21.52	-26.86
April 22, 2009	0	78.82	1.40	-24.36	-21.67	-21.67	-24.36
April 23, 2009	0	71.92	4.00	-18.91	-14.89	-14.89	-21.89
April 24, 2009	0	73.28	4.12	-16.55	-12.79	-12.79	-19.64
April 25, 2009	0.4	80.91	2.50	-16.83	-14.32	-14.32	-18.91
April 26, 2009	0.4	82.61	1.00	-17.29	-14.98	-14.98	-16.33
April 27, 2009	0.1	78.59	1.26	-16.35	-13.37	-13.37	-15.25
April 28, 2009	0	73.77	2.74	-13.33	-9.48	-9.48	-13.33
April 29, 2009	0	80.94	1.42	-10.67	-7.92	-7.92	-9.62
April 30, 2009	0	81.62	2.96	-12.82	-10.23	-10.23	-13.86
May 1, 2009	0	86.36	1.35	-15.62	-13.82	-13.82	-15.94
May 2, 2009	0	86.52	2.06	-15.14	-13.36	-13.36	-17.45
May 3, 2009	0	84.84	1.08	-15.81	-13.80	-13.80	-15.03
May 4, 2009	0	80.43	4.62	-14.36	-11.70	-11.70	-18.22
May 5, 2009	0	76.92	1.97	-15.56	-12.35	-12.35	-15.09
May 6, 2009	0	78.63	1.45	-14.71	-11.71	-11.71	-13.68
May 7, 2009	0	82.83	3.19	-14.14	-11.79	-11.79	-17.01
May 8, 2009	0	84.03	3.11	-14.99	-12.87	-12.87	-18.49
May 9, 2009	0	79.83	4.22	-17.33	-14.57	-14.57	-22.27
May 10, 2009	0	76.26	3.46	-17.64	-14.36	-14.36	-21.22
May 11, 2009	0	70.91	2.46	-18.82	-14.66	-14.66	-19.51
May 12, 2009	0	73.62	3.13	-18.00	-14.34	-14.34	-20.06
May 13, 2009	0	75.40	3.99	-16.50	-13.05	-13.05	-19.85
May 14, 2009	0	80.29	3.69	-14.37	-11.64	-11.64	-17.90
May 15, 2009	0	81.90	3.40	-12.66	-10.15	-10.15	-15.96
May 16, 2009	0	79.96	8.28	-12.04	-9.25	-9.25	-18.10
May 17, 2009	0	85.00	9.13	-8.36	-6.28	-6.28	-14.85
May 18, 2009	0	85.36	7.59	-5.19	-3.08	-3.08	-9.77
May 19, 2009	0	84.96	5.56	-2.28	-0.06	-0.06	-4.90
May 20, 2009	0	91.89	5.19	-1.94	-0.79	-0.79	-5.59
May 21, 2009	0	88.53	3.84	-2.53	-0.85	-0.85	-5.02
May 22, 2009	0	89.29	2.84	-1.97	-0.43	-0.43	-3.41
May 23, 2009	0	86.90	7.13	-3.27	-1.37	-1.37	-7.49
May 24, 2009	0	76.14	4.51	-5.39	-1.72	-1.72	-6.19
May 25, 2009	0	76.64	2.30	-4.68	-1.04	-1.04	-3.82
May 26, 2009	0	82.19	3.82	-5.29	-2.65	-2.65	-7.23
May 27, 2009	0	91.08	2.47	-4.36	-3.09	-3.09	-6.17
May 28, 2009	0	90.31	1.91	-3.91	-2.45	-2.45	-4.51
May 29, 2009	0	87.69	5.41	-4.90	-3.10	-3.10	-8.49
May 30, 2009	0	77.49	2.62	-4.69	-1.13	-1.13	-4.23
May 31, 2009	0	72.61	2.76	-4.15	0.25	0.25	-2.29
June 1, 2009	0	75.36	5.67	-3.14	0.74	0.74	-4.10
June 2, 2009	0	91.41	2.92	-0.59	0.68	0.68	-2.37
June 3, 2009	0	87.48	4.58	-0.24	1.63	1.63	-2.27
June 4, 2009	0	75.01	5.47	-2.25	1.73	1.73	-2.65
June 5, 2009	0	69.48	3.18	-3.18	1.95	1.95	-0.93
June 6, 2009	0	68.30	4.49	-3.20	2.11	2.11	-1.47
June 7, 2009	0	63.66	2.49	-2.40	3.96	3.96	1.91
June 8, 2009	0	79.18	3.78	-0.48	2.83	2.83	-0.36
June 9, 2009	0	87.40	7.24	-1.13	0.79	0.79	-4.57
June 10, 2009	0	77.11	10.96	-2.65	1.04	1.04	-5.86
June 11, 2009	0	76.10	10.88	-1.50	2.30	2.30	-4.18
June 12, 2009	0	72.54	10.98	-0.67	3.97	3.97	-1.93
June 13, 2009	0	83.14	6.66	0.81	3.45	3.45	-1.23
June 14, 2009	0	90.81	7.73	1.55	2.91	2.91	-2.09
June 15, 2009	0	90.27	4.82	1.59	3.04	3.04	-0.52
June 16, 2009	0	85.90	7.56	0.40	2.49	2.49	-2.53
June 17, 2009	0	71.24	6.55	-1.06	3.80	3.80	-0.67
June 18, 2009	0	56.98	3.04	-1.94	6.10	6.10	3.94

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 19, 2009	0	64.92	2.14	0.47	6.65	6.65	5.38
June 20, 2009	0	68.79	3.34	-0.49	4.82	4.82	2.16
June 21, 2009	0	83.45	6.23	1.27	3.85	3.85	-0.46
June 22, 2009	0	79.04	9.07	1.47	4.82	4.82	-0.21
June 23, 2009	0	77.88	5.83	0.21	3.76	3.76	-0.27
June 24, 2009	0	75.17	2.68	1.36	5.44	5.44	3.57
June 25, 2009	0	84.86	1.48	1.96	4.24	4.24	3.33
June 26, 2009	0	76.57	2.84	1.66	5.80	5.80	4.19
June 27, 2009	0	95.06	11.25	2.34	3.05	3.05	-3.28
June 28, 2009	0	93.38	4.92	3.07	4.04	4.04	0.40
June 29, 2009	0	75.91	6.79	0.55	4.58	4.58	0.32
June 30, 2009	0	67.71	5.74	1.59	7.28	7.28	4.97
July 1, 2009	0	73.98	8.15	0.68	4.95	4.95	0.32
July 2, 2009	0	59.04	3.18	-1.52	6.37	6.37	4.22
July 3, 2009	0	61.28	4.75	0.27	7.24	7.24	4.71
July 4, 2009	0	63.23	5.41	1.87	8.70	8.70	6.75
July 5, 2009	0	76.81	11.21	5.38	9.39	9.39	6.30
July 6, 2009	0	93.75	9.85	5.03	5.96	5.96	1.10
July 7, 2009	0	69.44	4.91	0.81	6.30	6.30	3.10
July 8, 2009	0	73.72	9.38	3.10	7.57	7.57	3.59
July 9, 2009	0	68.63	15.72	5.17	10.83	10.83	8.54
July 10, 2009	0	89.28	5.51	5.58	7.30	7.30	4.43
July 11, 2009	0	79.16	3.98	4.61	8.16	8.16	6.25
July 12, 2009	0	52.56	6.08	4.76	14.90	14.90	14.77
July 13, 2009	0	55.07	4.85	3.82	12.83	12.83	12.71
July 14, 2009	0	55.30	4.68	3.03	11.77	11.77	11.22
July 15, 2009	0	74.65	4.04	7.17	11.58	11.58	11.32
July 16, 2009	0	81.36	9.77	6.64	9.72	9.72	7.03
July 17, 2009	0	75.17	10.06	6.45	10.72	10.72	9.07
July 18, 2009	0	80.01	1.69	8.02	11.42	11.42	11.36
July 19, 2009	0	68.04	5.38	7.75	13.81	13.81	13.50
July 20, 2009	0	69.28	3.69	8.34	13.96	13.96	13.96
July 21, 2009	0	70.88	1.40	7.74	12.96	12.96	12.95
July 22, 2009	0	61.70	2.67	7.99	15.82	15.82	15.81
July 23, 2009	0	50.87	5.58	6.70	17.62	17.62	17.62
July 24, 2009	0	59.55	8.45	8.45	16.48	16.48	16.48
July 25, 2009	0	70.31	7.02	11.57	17.06	17.06	17.06
July 26, 2009	0	56.62	3.70	9.54	19.09	19.09	19.09
July 27, 2009	0	73.51	3.56	12.50	17.46	17.46	17.46
July 28, 2009	0	77.15	4.52	10.99	14.94	14.94	14.94
July 29, 2009	0	86.10	3.75	9.16	11.41	11.41	11.32
July 30, 2009	0	95.08	2.15	9.43	10.15	10.15	9.72
July 31, 2009	0	91.42	3.61	8.93	10.29	10.29	9.39
August 1, 2009	0	89.72	3.80	7.87	9.50	9.50	8.24
August 2, 2009	0	67.43	8.90	3.89	9.81	9.81	7.89
August 3, 2009	0	67.12	8.67	3.01	8.83	8.83	5.83
August 4, 2009	0	72.31	9.65	3.21	7.89	7.89	3.57
August 5, 2009	0	89.26	7.86	6.63	8.27	8.27	4.95
August 6, 2009	0	82.20	6.02	6.03	9.18	9.18	7.31
August 7, 2009	0	91.27	3.87	7.13	8.48	8.48	6.59
August 8, 2009	0	90.16	3.59	8.38	9.92	9.92	9.55
August 9, 2009	0	85.28	4.61	8.18	10.58	10.58	10.01
August 10, 2009	0	81.30	4.82	6.03	9.02	9.02	6.77
August 11, 2009	0	82.81	2.91	5.39	8.22	8.22	6.74
August 12, 2009	0	84.19	6.00	5.31	7.83	7.83	4.66
August 13, 2009	0	83.24	8.99	4.85	7.54	7.54	3.33
August 14, 2009	0	82.11	7.25	5.02	7.88	7.88	4.37
August 15, 2009	0	79.41	4.82	5.30	8.65	8.65	6.74
August 16, 2009	0	72.24	4.06	5.20	10.19	10.19	9.62
August 17, 2009	0	-	14.27	-	-	-	-
August 18, 2009	-	-	-	-	-	-	-
August 19, 2009	-	-	-	-	-	-	-
August 20, 2009	-	-	-	-	-	-	-
August 21, 2009	-	-	-	-	-	-	-
August 22, 2009	-	-	-	-	-	-	-
August 23, 2009	-	-	-	-	-	-	-
August 24, 2009	-	-	-	-	-	-	-
August 25, 2009	-	-	-	-	-	-	-
August 26, 2009	-	-	-	-	-	-	-
August 27, 2009	-	-	-	-	-	-	-
August 28, 2009	-	-	-	-	-	-	-

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 29, 2009	-	-	-	-	-	-	-
August 30, 2009	-	-	-	-	-	-	-
August 31, 2009	-	-	-	-	-	-	-
September 1, 2009	-	-	-	-	-	-	-
September 2, 2009	-	-	-	-	-	-	-
September 3, 2009	-	-	-	-	-	-	-
September 4, 2009	-	-	-	-	-	-	-
September 5, 2009	-	-	-	-	-	-	-
September 6, 2009	-	-	-	-	-	-	-
September 7, 2009	-	-	-	-	-	-	-
September 8, 2009	0	-	6.02	-	-	-	-
September 9, 2009	0	-	4.97	-	-	-	-
September 10, 2009	0	-	3.41	-	-	-	-
September 11, 2009	0	-	5.41	-	-	-	-
September 12, 2009	0	-	3.16	-	-	-	-
September 13, 2009	0	-	5.91	-	-	-	-
September 14, 2009	0	-	3.14	-	-	-	-
September 15, 2009	0	-	5.18	-	-	-	-
September 16, 2009	0	-	4.51	-	-	-	-
September 17, 2009	0	-	4.66	-	-	-	-
September 18, 2009	0	-	5.13	-	-	-	-
September 19, 2009	0	-	3.38	-	-	-	-
September 20, 2009	0	-	5.50	-	-	-	-
September 21, 2009	0	-	2.72	-	-	-	-
September 22, 2009	0	-	5.72	-	-	-	-
September 23, 2009	0	-	3.47	-	-	-	-
September 24, 2009	0	-	4.95	-	-	-	-
September 25, 2009	0	-	4.74	-	-	-	-
September 26, 2009	0	-	4.10	-	-	-	-
September 27, 2009	0	-	5.15	-	-	-	-
September 28, 2009	0	-	3.26	-	-	-	-
September 29, 2009	0	-	5.65	-	-	-	-
September 30, 2009	0	-	2.79	-	-	-	-
October 1, 2009	0	-	5.65	-	-	-	-
October 2, 2009	0	-	3.80	-	-	-	-
October 3, 2009	0	-	5.00	-	-	-	-
October 4, 2009	0	-	5.05	-	-	-	-
October 5, 2009	0	-	3.70	-	-	-	-
October 6, 2009	0	-	5.23	-	-	-	-
October 7, 2009	0	-	2.79	-	-	-	-
October 8, 2009	0	-	5.69	-	-	-	-
October 9, 2009	0	-	3.19	-	-	-	-
October 10, 2009	0	-	5.28	-	-	-	-
October 11, 2009	0	-	4.27	-	-	-	-
October 12, 2009	0	-	4.47	-	-	-	-
October 13, 2009	0	-	4.98	-	-	-	-
October 14, 2009	0	-	3.55	-	-	-	-
October 15, 2009	0	-	5.50	-	-	-	-
October 16, 2009	0	-	2.72	-	-	-	-
October 17, 2009	0	-	5.72	-	-	-	-
October 18, 2009	0	-	3.77	-	-	-	-
October 19, 2009	0	-	4.96	-	-	-	-
October 20, 2009	0	-	4.74	-	-	-	-
October 21, 2009	0	-	4.39	-	-	-	-
October 22, 2009	0	-	5.35	-	-	-	-
October 23, 2009	0	-	3.50	-	-	-	-
October 24, 2009	0	-	5.65	-	-	-	-
October 25, 2009	0	-	2.79	-	-	-	-
October 26, 2009	0	-	5.53	-	-	-	-
October 27, 2009	0	-	3.61	-	-	-	-
October 28, 2009	0	-	4.80	-	-	-	-
October 29, 2009	0	-	5.21	-	-	-	-
October 30, 2009	0	-	3.38	-	-	-	-
October 31, 2009	0	-	5.24	-	-	-	-
November 1, 2009	0	-	3.06	-	-	-	-
November 2, 2009	0	-	5.71	-	-	-	-
November 3, 2009	0	-	3.10	-	-	-	-
November 4, 2009	0	-	5.24	-	-	-	-
November 5, 2009	0	-	4.15	-	-	-	-
November 6, 2009	0	-	4.74	-	-	-	-
November 7, 2009	0	-	4.96	-	-	-	-

Appendix A3 - Milne Inlet - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 8, 2009	0	-	3.59	-	-	-	-
November 9, 2009	0	-	5.60	-	-	-	-
November 10, 2009	0	-	2.80	-	-	-	-
November 11, 2009	0	-	5.72	-	-	-	-
November 12, 2009	0	-	3.48	-	-	-	-
November 13, 2009	0	-	4.89	-	-	-	-
November 14, 2009	0	-	4.74	-	-	-	-
November 15, 2009	0	-	4.10	-	-	-	-
November 16, 2009	0	-	5.14	-	-	-	-
November 17, 2009	0	-	3.34	-	-	-	-
November 18, 2009	0	-	5.65	-	-	-	-
November 19, 2009	0	-	2.79	-	-	-	-
November 20, 2009	0	-	5.52	-	-	-	-
November 21, 2009	0	-	4.16	-	-	-	-
November 22, 2009	0	-	4.80	-	-	-	-
November 23, 2009	0	-	4.97	-	-	-	-
November 24, 2009	0	-	3.70	-	-	-	-
November 25, 2009	0	-	5.41	-	-	-	-
November 26, 2009	0	-	3.05	-	-	-	-
November 27, 2009	0	-	5.82	-	-	-	-
November 28, 2009	0	-	3.19	-	-	-	-
November 29, 2009	0	-	5.18	-	-	-	-
November 30, 2009	0	-	4.51	-	-	-	-
December 1, 2009	0	-	4.47	-	-	-	-
December 2, 2009	0	-	4.98	-	-	-	-
December 3, 2009	0	-	3.55	-	-	-	-
December 4, 2009	0	-	5.55	-	-	-	-
December 5, 2009	0	-	2.92	-	-	-	-
December 6, 2009	0	-	5.65	-	-	-	-
December 7, 2009	0	-	4.01	-	-	-	-
December 8, 2009	0	-	5.03	-	-	-	-
December 9, 2009	0	-	4.69	-	-	-	-
December 10, 2009	0	-	4.10	-	-	-	-
December 11, 2009	0	-	5.14	-	-	-	-
December 12, 2009	0	-	3.34	-	-	-	-
December 13, 2009	0	-	5.71	-	-	-	-
December 14, 2009	0	-	3.00	-	-	-	-
December 15, 2009	0	-	5.60	-	-	-	-
December 16, 2009	0	-	4.21	-	-	-	-
December 17, 2009	0	-	4.79	-	-	-	-
December 18, 2009	0	-	4.96	-	-	-	-
December 19, 2009	0	-	3.43	-	-	-	-
December 20, 2009	0	-	5.50	-	-	-	-
December 21, 2009	0	-	3.05	-	-	-	-
December 22, 2009	0	-	5.65	-	-	-	-
December 23, 2009	0	-	3.58	-	-	-	-
December 24, 2009	0	-	5.28	-	-	-	-
December 25, 2009	0	-	4.48	-	-	-	-
December 26, 2009	0	-	4.10	-	-	-	-
December 27, 2009	-	-	-	-	-	-	-
December 28, 2009	-	-	-	-	-	-	-
December 29, 2009	-	-	-	-	-	-	-
December 30, 2009	-	-	-	-	-	-	-
December 31, 2009	-	-	-	-	-	-	-
January 2010	-	-	-	-	-	-	-
February 2010	-	-	-	-	-	-	-
March 1, 2010	-	-	-	-	-	-	-
March 2, 2010	1.8	-	15.04	-	-	-	-
March 3, 2010	12	-	13.90	-	-	-	-
March 4, 2010	12.4	-	13.65	-	-	-	-

Notes:

1. Meteorological station set up on June 19, 2006.
2. Station data includes hourly records up to July 7, 2010 at the time of this report. (no data available after March 4, 2010).
3. No data available between Aug 18, 2009 - Sept 7, 2009 and Dec 27, 2009 - March 2, 2010.
4. Daily averages calculated on days where >18 hours data available.
5. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2009 to end of record.

<u>Appendix A4 - Milne Inlet - Hourly Maximums and Minimums by Month</u>				
Date	Rain Maximum	Maximum Wind Speed	Maximum Air Temperature	Minimum Air Temperature
	(mm)	(m/s)	(°C)	(°C)
June 2006	0.3	17.0	9.0	0.4
July 2006	5.0	17.7	18.4	2.0
August 2006	3.5	21.4	19.7	1.7
September 2006	6.4	23.3	8.1	-2.9
October 2006	1.7	26.4	5.3	-17.1
November 2006	0.0	22.7	-6.7	-35.8
December 2006	0.0	20.3	-14.5	-39.8
January 2007	0.0	16.2	-17.3	-40.8
February 2007	0.0	22.5	-16.6	-37.8
March 2007	0.0	22.7	-17.3	-43.4
April 2007	0.1	26.4	-5.6	-32.7
May 2007	0.0	19.7	-1.4	-20.2
June 2007	0.0	22.4	16.8	-7.7
July 2007	2.6	21.0	18.5	3.3
August 2007	1.4	20.0	14.0	3.0
September 2007	0.8	24.7	9.9	-8.7
October 2007	0.0	24.8	0.6	-26.3
November 2007	0.0	38.2	-12.9	-34.4
December 2007	0.0	18.5	-16.2	-40.3
January 2008	0.0	29.5	-7.9	-41.1
February 2008	0.0	23.3	-5.4	-46.9
March 2008	0.0	21.3	-17.6	-39.4
April 2008	1.1	18.6	-7.1	-26.9
May 2008	0.1	18.2	3.6	-14.7
June 2008	1.1	19.4	16.5	0.9
July 2008	7.4	23.6	18.9	4.4
August 2008	0.7	10.2	17.8	5.7
September 2008	0.2	22.7	0.3	-11.1
October 2008	0.0	29.9	-1.2	-24.4
November 2008	0.0	22.6	-11.1	-35.0
December 2008	0.0	23.3	-13.4	-39.9
January 2009	0.0	26.0	-5.8	-36.8
February 2009	0.0	18.1	-21.3	-38.3
March 2009	0.0	19.7	-9.9	-40.8
April 2009	0.2	22.3	-4.8	-27.7
May 2009	0.0	17.0	2.9	-16.4
June 2009	0.0	20.8	11.5	-1.8
July 2009	0.0	25.3	22.3	2.7
August 2009	0.0	19.9	13.8	6.3
September 2009	0.0	9.3	6.2	4.2
October 2009	0.0	9.3	6.2	4.2
November 2009	0.0	9.3	6.2	4.2
December 2009	0.0	9.3	6.2	4.2
January 2010	-	-	-	-
February 2010	-	-	-	-
March 2010	4.0	21.0	7.7	6.6
April 2010	-	-	-	-
May 2010	-	-	-	-
June 2010	-	-	-	-
July 2010	-	-	-	-

1. Meteorological station set up on June 19, 2006.

2. Station data includes hourly records up to July 7, 2010 at the time of this report. (no data available after March 4, 2010).

3. No data available between Aug 18, 2009 - Sept 7, 2009 and Dec 27, 2009 - March 2, 2010.

4. Daily averages calculated on days where >18 hours data available.

5. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations.

Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2009 to end of record.

6. Erroneous Relative Humidity readings < 0 or > 100 were not included in summary calculations.

7. Minimum Rain for each month is 0.

8. Minimum Wind Speed for each month is 0.

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 22, 2006	0	-	3.78	-	-	-	-
June 23, 2006	0	63.79	9.56	-0.82	5.56	5.56	0.60
June 24, 2006	0	66.39	8.21	0.35	6.22	6.22	1.77
June 25, 2006	0	87.06	5.06	2.09	4.08	4.08	0.21
June 26, 2006	0	76.03	3.12	2.08	6.29	6.29	4.39
June 27, 2006	0	77.28	3.56	3.26	7.01	7.01	4.65
June 28, 2006	0	89.53	2.27	3.08	4.63	4.63	2.91
June 29, 2006	0	85.09	4.38	2.70	5.06	5.06	1.87
June 30, 2006	2.7	95.63	5.85	3.62	4.27	4.27	0.15
July 1, 2006	2.9	96.59	6.71	4.27	4.74	4.74	0.38
July 2, 2006	0	91.59	5.38	3.90	5.17	5.17	1.59
July 3, 2006	0	85.09	3.86	3.45	5.80	5.80	2.98
July 4, 2006	4	92.91	8.12	3.49	4.55	4.55	-0.33
July 5, 2006	0.1	92.83	4.18	2.05	3.06	3.06	-0.41
July 6, 2006	0.3	89.40	4.24	1.71	3.30	3.30	-0.06
July 7, 2006	1.8	82.84	2.35	2.74	5.63	5.63	4.01
July 8, 2006	0	63.06	4.12	1.43	8.22	8.22	5.99
July 9, 2006	0	57.55	3.05	1.17	9.27	9.27	8.08
July 10, 2006	0	53.65	3.07	2.29	11.50	11.50	10.99
July 11, 2006	0	82.23	5.02	4.10	6.95	6.95	3.87
July 12, 2006	0	80.59	3.76	3.48	6.70	6.70	4.16
July 13, 2006	0	71.01	2.23	5.07	10.14	10.14	9.94
July 14, 2006	0	69.44	3.96	5.64	11.10	11.10	10.54
July 15, 2006	1.6	75.55	4.51	5.82	9.97	9.97	8.47
July 16, 2006	1.6	88.46	7.61	7.84	9.64	9.64	7.31
July 17, 2006	2.2	93.44	6.31	7.95	8.96	8.96	6.10
July 18, 2006	3.2	93.22	4.96	8.26	9.24	9.24	7.17
July 19, 2006	1.2	92.95	4.63	3.84	4.92	4.92	1.66
July 20, 2006	1.8	82.46	2.59	6.61	9.50	9.50	8.47
July 21, 2006	0.6	81.87	2.30	7.35	10.51	10.51	10.12
July 22, 2006	4.6	95.83	8.16	4.54	5.17	5.17	0.46
July 23, 2006	9.4	99.44	7.08	4.07	4.14	4.14	-0.31
July 24, 2006	4.7	85.61	6.44	3.55	5.84	5.84	1.86
July 25, 2006	7	97.58	9.56	4.51	4.86	4.86	-0.23
July 26, 2006	3.9	93.81	9.50	8.24	9.22	9.22	6.29
July 27, 2006	4.7	84.67	9.04	8.86	11.53	11.53	10.78
July 28, 2006	4.8	95.67	3.07	5.70	6.35	6.35	4.22
July 29, 2006	0	62.41	7.07	6.52	14.22	14.22	13.74
July 30, 2006	0	53.06	4.20	5.13	14.66	14.66	14.66
July 31, 2006	0	41.05	4.39	1.39	15.24	15.24	15.24
August 1, 2006	0	45.16	4.45	1.29	13.25	13.25	13.18
August 2, 2006	0	45.08	4.67	1.16	13.17	13.17	12.79
August 3, 2006	0	41.68	3.78	0.82	13.88	13.88	13.88
August 4, 2006	0	53.01	4.89	3.56	13.01	13.01	13.01
August 5, 2006	0	55.34	4.99	2.03	10.86	10.86	9.97
August 6, 2006	0	56.26	5.09	1.48	9.89	9.89	8.46
August 7, 2006	0	57.11	4.70	2.00	10.28	10.28	9.05
August 8, 2006	0	56.41	5.15	3.59	12.16	12.16	11.61
August 9, 2006	0	65.68	4.70	6.50	12.86	12.86	12.75
August 10, 2006	0	77.70	2.84	8.97	12.83	12.83	12.74
August 11, 2006	0	80.49	7.89	7.00	10.24	10.24	8.76
August 12, 2006	0.2	88.82	10.69	5.01	6.74	6.74	1.77
August 13, 2006	0.9	98.00	11.91	5.92	6.21	6.21	0.75
August 14, 2006	3.1	77.44	5.99	8.13	12.11	12.11	11.05
August 15, 2006	1.9	65.46	6.87	4.25	10.80	10.80	9.83
August 16, 2006	2.6	83.89	4.08	6.35	8.99	8.99	7.69
August 17, 2006	0.9	79.09	7.45	5.28	8.73	8.73	5.25
August 18, 2006	0	68.95	5.38	3.94	9.50	9.50	7.70
August 19, 2006	0	65.80	4.67	3.23	9.42	9.42	7.70
August 20, 2006	0	70.39	4.13	4.23	9.42	9.42	7.69
August 21, 2006	0	66.78	3.91	3.57	9.66	9.66	8.66
August 22, 2006	0	69.01	6.13	2.04	7.54	7.54	4.26
August 23, 2006	0.1	71.27	6.16	1.73	6.81	6.81	3.59
August 24, 2006	0	57.07	2.83	-1.14	7.14	7.14	5.37
August 25, 2006	3.6	83.74	8.61	2.63	5.24	5.24	0.48
August 26, 2006	2.1	96.58	7.61	5.57	6.06	6.06	1.72
August 27, 2006	7.1	97.89	10.83	5.25	5.55	5.55	0.13
August 28, 2006	3.1	100.00	7.77	3.76	3.76	3.76	-1.28
August 29, 2006	0.9	99.68	4.15	4.24	4.28	4.28	0.94
August 30, 2006	0	90.86	4.74	2.10	3.48	3.48	-0.25

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 31, 2006	0	86.31	3.20	1.46	3.52	3.52	0.91
September 1, 2006	4.2	90.56	11.02	2.82	4.24	4.24	-1.62
September 2, 2006	16.8	96.77	13.17	4.74	5.20	5.20	-0.82
September 3, 2006	3.3	90.78	4.90	3.42	4.80	4.80	1.38
September 4, 2006	0.4	88.82	3.58	3.83	5.52	5.52	2.90
September 5, 2006	0.5	89.86	4.67	2.74	4.26	4.26	0.72
September 6, 2006	0	68.10	8.06	0.54	6.10	6.10	1.66
September 7, 2006	0	62.62	4.07	-1.41	5.34	5.34	2.37
September 8, 2006	0	68.01	4.20	-0.59	4.92	4.92	1.72
September 9, 2006	0	86.58	7.09	0.35	2.37	2.37	-2.86
September 10, 2006	0	75.10	4.83	-2.11	2.15	2.15	-2.07
September 11, 2006	0	62.78	3.18	-3.95	2.54	2.54	-0.24
September 12, 2006	0	72.81	2.88	-1.76	2.69	2.69	0.06
September 13, 2006	0	67.23	4.51	-3.88	1.76	1.76	-2.25
September 14, 2006	0	-	6.01	-	-	-	-
September 15, 2006	0	-	6.29	-	-	-	-
September 16, 2006	0	77.19	5.26	-2.80	0.74	0.74	-4.06
September 17, 2006	0	80.30	2.82	-1.16	1.86	1.86	-0.90
September 18, 2006	0	78.65	1.38	-0.19	3.19	3.19	2.29
September 19, 2006	0.1	98.15	1.60	0.71	0.97	0.97	-0.38
September 20, 2006	0.2	98.82	1.03	-0.32	-0.16	-0.16	-0.77
September 21, 2006	0.1	69.94	3.75	-2.48	2.90	2.90	-0.19
September 22, 2006	0	54.68	5.08	-4.93	3.64	3.64	-0.20
September 23, 2006	0	55.37	3.52	-4.29	4.18	4.18	1.33
September 24, 2006	0	61.12	2.20	-3.45	3.48	3.48	1.69
September 25, 2006	0.4	73.13	2.98	-0.94	3.46	3.46	0.81
September 26, 2006	0.2	85.30	4.56	0.87	3.09	3.09	-0.52
September 27, 2006	0	80.02	2.35	-0.76	2.33	2.33	0.12
September 28, 2006	0.1	81.29	3.99	0.41	3.37	3.37	-0.04
September 29, 2006	2.2	92.34	4.70	0.84	1.94	1.94	-2.24
September 30, 2006	0.8	95.46	4.24	0.68	1.30	1.30	-2.76
October 1, 2006	0.1	93.65	2.15	0.20	1.10	1.10	-1.08
October 2, 2006	1.1	94.90	2.13	-0.84	-0.13	-0.13	-2.41
October 3, 2006	0	90.68	5.31	-3.66	-2.33	-2.33	-7.60
October 4, 2006	0.1	80.91	2.71	-6.24	-3.36	-3.36	-6.83
October 5, 2006	0	82.15	5.75	-4.21	-1.56	-1.56	-7.08
October 6, 2006	0	92.86	11.87	-1.63	-0.62	-0.62	-8.36
October 7, 2006	0	76.90	4.98	-2.68	0.96	0.96	-3.22
October 8, 2006	0	84.45	8.80	-7.29	-5.00	-5.00	-12.69
October 9, 2006	0	81.07	4.75	-9.41	-6.68	-6.68	-12.97
October 10, 2006	0	82.74	3.79	-5.63	-3.05	-3.05	-7.61
October 11, 2006	0	80.58	3.45	-8.05	-5.21	-5.21	-10.04
October 12, 2006	0	74.91	3.94	-8.18	-4.41	-4.41	-9.53
October 13, 2006	0	81.78	4.92	-7.69	-5.02	-5.02	-11.08
October 14, 2006	0	80.96	9.73	-4.58	-1.68	-1.68	-9.05
October 15, 2006	4.4	96.29	8.60	0.35	0.86	0.86	-5.31
October 16, 2006	1.7	85.71	7.74	1.01	3.19	3.19	-1.65
October 17, 2006	0	86.21	16.19	-0.78	1.31	1.31	-6.82
October 18, 2006	0	81.53	8.86	-4.01	-1.22	-1.22	-7.77
October 19, 2006	0.4	83.93	5.43	-3.27	-0.84	-0.84	-6.13
October 20, 2006	0	88.83	2.97	-0.58	1.05	1.05	-1.76
October 21, 2006	0	77.09	3.91	-6.14	-2.66	-2.66	-7.42
October 22, 2006	0	86.79	5.23	-4.61	-2.71	-2.71	-8.34
October 23, 2006	0	91.97	6.03	-3.26	-2.12	-2.12	-8.12
October 24, 2006	0	97.97	7.16	0.13	0.41	0.41	-5.44
October 25, 2006	0	97.72	3.94	-0.55	-0.23	-0.23	-4.06
October 26, 2006	0	94.52	3.25	-4.85	-4.11	-4.11	-8.49
October 27, 2006	0	88.39	2.80	-5.50	-3.86	-3.86	-7.36
October 28, 2006	0	83.75	3.57	-5.89	-3.52	-3.52	-8.13
October 29, 2006	0	87.84	3.31	-9.20	-7.54	-7.54	-12.77
October 30, 2006	0	86.66	2.98	-10.00	-8.17	-8.17	-13.18
October 31, 2006	0	81.88	2.95	-12.63	-10.11	-10.11	-15.47
November 1, 2006	0	79.27	2.96	-10.91	-7.95	-7.95	-12.73
November 2, 2006	0	74.05	7.58	-11.84	-8.03	-8.03	-16.34
November 3, 2006	0	86.79	7.25	-15.79	-14.08	-14.08	-24.07
November 4, 2006	0	87.87	2.83	-19.47	-17.94	-17.94	-22.57
November 5, 2006	0	88.15	0.40	-18.95	-17.45	-17.45	-17.45
November 6, 2006	0	87.35	0.00	-19.99	-18.40	-18.40	-18.40
November 7, 2006	0	85.36	0.01	-22.78	-20.95	-20.95	-20.95
November 8, 2006	0	87.69	0.03	-19.70	-18.14	-18.14	-18.14

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
November 9, 2006	0	87.25	0.02	-20.22	-18.62	-18.62	-18.62
November 10, 2006	0	87.26	0.00	-20.18	-18.58	-18.58	-18.58
November 11, 2006	0	88.34	0.01	-18.59	-17.12	-17.12	-17.12
November 12, 2006	0	87.52	0.00	-19.69	-18.13	-18.13	-18.13
November 13, 2006	0	87.82	0.02	-17.33	-15.78	-15.78	-15.78
November 14, 2006	0	74.82	7.89	-15.02	-11.43	-11.43	-20.79
November 15, 2006	0	66.93	7.59	-13.77	-8.72	-8.72	-17.42
November 16, 2006	0	79.45	6.12	-10.65	-7.70	-7.70	-15.23
November 17, 2006	0	86.11	4.05	-10.03	-8.11	-8.11	-14.10
November 18, 2006	0	90.53	2.81	-10.74	-9.47	-9.47	-14.44
November 19, 2006	0	81.45	6.60	-12.03	-9.44	-9.43	-17.71
November 20, 2006	0	90.83	10.45	-6.72	-5.48	-5.48	-14.38
November 21, 2006	0	90.96	6.89	-7.96	-6.75	-6.75	-14.38
November 22, 2006	0	89.48	9.32	-7.47	-6.01	-6.01	-14.68
November 23, 2006	0	82.99	6.09	-11.27	-8.89	-8.89	-16.48
November 24, 2006	0	80.37	5.06	-15.61	-12.88	-12.88	-20.77
November 25, 2006	0	85.99	5.59	-21.38	-19.66	-19.66	-29.84
November 26, 2006	0	83.41	5.98	-21.74	-19.63	-19.63	-30.21
November 27, 2006	0	80.39	3.41	-25.27	-22.81	-22.81	-31.42
November 28, 2006	0	80.23	4.62	-28.88	-26.48	-26.48	-37.49
November 29, 2006	0	79.16	3.53	-29.63	-27.12	-27.12	-36.68
November 30, 2006	0	78.91	3.92	-30.39	-27.85	-27.85	-38.11
December 1, 2006	0	78.03	2.11	-31.03	-28.40	-28.40	-34.62
December 2, 2006	0	76.60	1.74	-32.43	-29.65	-29.65	-35.19
December 3, 2006	0	76.84	2.48	-32.30	-29.53	-29.53	-37.83
December 4, 2006	0	79.96	1.35	-28.77	-26.35	-26.35	-29.83
December 5, 2006	0	78.78	3.94	-25.53	-22.86	-22.86	-32.06
December 6, 2006	0	79.98	2.79	-27.28	-24.83	-24.83	-32.64
December 7, 2006	0	80.69	3.53	-27.93	-25.58	-25.58	-34.77
December 8, 2006	0	84.68	7.83	-20.68	-18.74	-18.74	-30.45
December 9, 2006	0	87.41	8.17	-18.55	-16.96	-16.96	-28.03
December 10, 2006	0	82.85	5.24	-25.44	-23.33	-23.33	-34.26
December 11, 2006	0	76.59	4.95	-32.67	-29.87	-29.87	-41.04
December 12, 2006	0	87.01	10.53	-18.48	-16.83	-16.83	-29.51
December 13, 2006	0	85.72	2.40	-17.98	-16.14	-16.14	-21.19
December 14, 2006	0	85.19	2.97	-20.90	-19.03	-19.03	-25.95
December 15, 2006	0	74.08	9.09	-19.42	-15.85	-15.85	-27.35
December 16, 2006	0	76.56	5.87	-23.17	-20.09	-20.09	-30.76
December 17, 2006	0	74.66	9.47	-33.77	-30.74	-30.74	-47.36
December 18, 2006	0	71.63	5.85	-36.19	-32.80	-32.80	-46.48
December 19, 2006	0	75.91	4.23	-32.88	-29.99	-29.99	-40.51
December 20, 2006	0	76.73	5.95	-31.21	-28.39	-28.39	-40.80
December 21, 2006	0	67.82	3.36	-35.72	-31.71	-31.71	-40.69
December 22, 2006	0	69.02	4.63	-40.60	-37.02	-37.02	-50.57
December 23, 2006	0	67.73	3.91	-41.79	-38.07	-38.06	-50.62
December 24, 2006	0	66.91	3.06	-42.61	-38.81	-38.81	-49.49
December 25, 2006	0	68.75	1.78	-40.59	-36.97	-36.97	-43.36
December 26, 2006	0	68.78	3.30	-40.66	-37.04	-37.04	-48.22
December 27, 2006	0	72.15	5.03	-37.04	-33.76	-33.76	-47.10
December 28, 2006	0	77.15	5.65	-31.80	-29.05	-29.05	-41.81
December 29, 2006	0	81.13	3.40	-27.33	-25.02	-25.02	-32.94
December 30, 2006	0	79.22	5.70	-29.74	-27.21	-27.21	-39.38
December 31, 2006	0	80.14	6.59	-27.23	-24.81	-24.81	-36.14
January 1, 2007	0	89.32	10.11	-15.15	-13.77	-13.77	-25.28
January 2, 2007	0	82.73	5.02	-20.87	-18.65	-18.65	-28.17
January 3, 2007	0	78.62	5.94	-30.39	-27.81	-27.81	-40.61
January 4, 2007	0	77.56	6.03	-30.32	-27.59	-27.59	-40.39
January 5, 2007	0	74.01	3.30	-34.17	-31.05	-31.05	-40.11
January 6, 2007	0	78.44	6.78	-25.92	-23.20	-23.20	-35.30
January 7, 2007	0	81.18	1.92	-25.72	-23.41	-23.41	-28.05
January 8, 2007	0	80.04	2.69	-28.61	-26.17	-26.17	-33.54
January 9, 2007	0	70.89	4.37	-39.13	-35.75	-35.75	-48.73
January 10, 2007	0	69.75	5.24	-39.87	-36.35	-36.35	-50.56
January 11, 2007	0	69.54	3.68	-40.15	-36.61	-36.61	-48.65
January 12, 2007	0	71.69	1.99	-37.67	-34.36	-34.35	-41.18
January 13, 2007	0	73.48	4.65	-34.40	-31.21	-31.21	-43.35
January 14, 2007	0	69.02	4.14	-39.89	-36.27	-36.27	-48.92
January 15, 2007	0	67.12	4.45	-42.50	-38.72	-38.72	-52.53
January 16, 2007	0	72.04	4.63	-37.24	-33.95	-33.95	-46.72
January 17, 2007	0	71.13	1.76	-38.43	-35.05	-35.05	-40.52

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 18, 2007	0	72.55	4.59	-35.49	-32.22	-32.22	-43.02
January 19, 2007	0	71.00	3.04	-36.60	-33.17	-33.17	-43.06
January 20, 2007	0	69.47	3.53	-40.34	-36.78	-36.78	-48.44
January 21, 2007	0	68.03	5.58	-41.55	-37.85	-37.85	-52.52
January 22, 2007	0	68.00	6.30	-41.49	-37.79	-37.79	-53.68
January 23, 2007	0	77.91	8.64	-30.57	-27.92	-27.92	-43.03
January 24, 2007	0	81.62	6.39	-26.43	-24.17	-24.17	-35.93
January 25, 2007	0	74.94	5.14	-30.52	-27.42	-27.42	-38.85
January 26, 2007	0	71.47	5.85	-28.08	-24.34	-24.34	-35.82
January 27, 2007	0	69.73	6.47	-30.66	-26.79	-26.79	-39.34
January 28, 2007	0	69.96	6.46	-38.28	-34.75	-34.75	-50.00
January 29, 2007	0	70.78	5.04	-38.36	-34.93	-34.93	-48.57
January 30, 2007	0	69.02	2.79	-40.38	-36.79	-36.79	-46.44
January 31, 2007	0	69.04	2.18	-39.65	-36.03	-36.03	-43.21
February 1, 2007	0	68.95	3.37	-39.92	-36.28	-36.28	-46.96
February 2, 2007	0	69.96	3.48	-39.56	-36.04	-36.04	-47.38
February 3, 2007	0	68.24	5.22	-41.08	-37.40	-37.40	-51.91
February 4, 2007	0	71.98	5.48	-34.24	-30.80	-30.80	-43.89
February 5, 2007	0	72.92	9.78	-21.67	-17.98	-17.98	-30.38
February 6, 2007	0	68.48	5.79	-17.33	-12.73	-12.73	-21.04
February 7, 2007	0	60.78	4.00	-20.46	-14.41	-14.41	-21.48
February 8, 2007	0	65.93	6.04	-26.26	-21.56	-21.56	-32.57
February 9, 2007	0	66.15	4.55	-28.67	-24.14	-24.14	-34.09
February 10, 2007	0	71.03	4.92	-18.83	-14.75	-14.75	-22.80
February 11, 2007	0	79.25	4.79	-27.94	-25.40	-25.40	-36.41
February 12, 2007	0	75.12	4.29	-32.40	-29.39	-29.39	-40.10
February 13, 2007	0	73.84	3.07	-34.13	-30.99	-30.99	-39.36
February 14, 2007	0	74.06	2.36	-35.34	-32.28	-32.27	-38.92
February 15, 2007	0	83.56	12.45	-23.81	-21.77	-21.77	-36.81
February 16, 2007	0	85.43	10.29	-20.21	-18.35	-18.35	-31.12
February 17, 2007	0	70.10	1.97	-24.76	-20.66	-20.66	-25.73
February 18, 2007	0	73.62	4.10	-30.10	-26.79	-26.79	-37.01
February 19, 2007	0	75.16	5.17	-30.05	-26.97	-26.97	-38.81
February 20, 2007	0	76.20	5.06	-29.56	-26.63	-26.63	-38.23
February 21, 2007	0	84.70	3.74	-20.41	-18.46	-18.46	-25.77
February 22, 2007	0	85.50	4.33	-21.06	-19.23	-19.23	-27.08
February 23, 2007	0	82.42	6.14	-24.49	-22.30	-22.30	-33.74
February 24, 2007	0	75.19	4.68	-32.55	-29.55	-29.55	-41.33
February 25, 2007	0	73.82	4.55	-33.28	-30.11	-30.11	-41.82
February 26, 2007	0	75.28	6.82	-32.84	-29.86	-29.86	-43.79
February 27, 2007	0	71.10	4.51	-34.93	-31.42	-31.42	-41.98
February 28, 2007	0	76.79	3.11	-25.94	-23.00	-23.00	-30.59
March 1, 2007	0	80.63	4.76	-26.61	-24.22	-24.22	-33.63
March 2, 2007	0	81.85	6.61	-25.72	-23.48	-23.48	-35.64
March 3, 2007	0	75.93	5.04	-32.31	-29.41	-29.41	-41.35
March 4, 2007	0	71.97	5.77	-37.18	-33.87	-33.87	-47.77
March 5, 2007	0	67.89	4.53	-39.69	-35.90	-35.90	-48.73
March 6, 2007	0	64.73	4.79	-44.40	-40.37	-40.37	-55.04
March 7, 2007	0	68.50	6.36	-39.79	-36.10	-36.10	-51.60
March 8, 2007	0	68.43	6.80	-40.04	-36.35	-36.35	-52.14
March 9, 2007	0	66.63	1.56	-40.58	-36.63	-36.63	-41.48
March 10, 2007	0	68.92	3.32	-39.87	-36.24	-36.24	-46.75
March 11, 2007	0	63.46	4.18	-45.07	-40.89	-40.89	-53.98
March 12, 2007	0	64.16	3.65	-42.94	-38.75	-38.75	-50.57
March 13, 2007	0	62.96	3.48	-44.92	-40.65	-40.65	-52.78
March 14, 2007	0	63.19	3.11	-45.33	-41.12	-41.12	-53.05
March 15, 2007	0	63.20	2.97	-45.27	-41.05	-41.05	-51.43
March 16, 2007	0	64.02	4.12	-44.43	-40.29	-40.29	-53.64
March 17, 2007	0	67.05	3.26	-40.32	-36.43	-36.43	-47.00
March 18, 2007	0	67.28	2.87	-40.83	-36.96	-36.96	-46.55
March 19, 2007	0	69.47	5.11	-27.75	-23.71	-23.71	-34.20
March 20, 2007	0	73.75	6.60	-32.89	-29.71	-29.71	-43.47
March 21, 2007	0	73.47	3.99	-32.52	-29.29	-29.29	-39.13
March 22, 2007	0	73.79	3.32	-32.62	-29.42	-29.42	-38.01
March 23, 2007	0	84.65	6.71	-22.58	-20.67	-20.67	-31.71
March 24, 2007	0	86.31	4.27	-20.17	-18.46	-18.46	-26.73
March 25, 2007	0	87.98	9.96	-17.42	-15.89	-15.89	-27.72
March 26, 2007	0	84.98	6.39	-15.90	-13.91	-13.91	-23.26
March 27, 2007	0	74.59	6.13	-28.87	-25.70	-25.70	-38.01
March 28, 2007	0	79.53	5.45	-24.84	-22.23	-22.23	-32.23

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 29, 2007	0	75.49	5.25	-33.54	-30.60	-30.60	-43.40
March 30, 2007	0	73.91	6.24	-34.62	-31.51	-31.51	-45.63
March 31, 2007	0	72.30	5.80	-36.10	-32.82	-32.82	-46.80
April 1, 2007	0	70.90	4.65	-37.44	-33.99	-33.99	-46.81
April 2, 2007	0	63.76	2.23	-37.20	-32.50	-32.50	-39.56
April 3, 2007	0	68.43	2.68	-32.04	-27.96	-27.96	-33.67
April 4, 2007	0	67.51	2.84	-32.48	-28.22	-28.22	-36.04
April 5, 2007	0	66.14	5.38	-34.79	-30.44	-30.44	-43.40
April 6, 2007	0	66.44	4.02	-32.03	-27.57	-27.57	-38.13
April 7, 2007	0	66.75	3.04	-28.76	-24.11	-24.11	-31.57
April 8, 2007	0	69.03	1.92	-26.48	-22.07	-22.07	-27.31
April 9, 2007	0	-	5.30	-	-	-	-
April 10, 2007	0	-	2.63	-	-	-	-
April 11, 2007	0	-	5.05	-	-	-	-
April 12, 2007	0	-	4.22	-	-	-	-
April 13, 2007	0	-	3.43	-	-	-	-
April 14, 2007	0	-	5.25	-	-	-	-
April 15, 2007	0	-	4.41	-	-	-	-
April 16, 2007	0.1	-	1.96	-	-	-	-
April 17, 2007	0	-	10.78	-	-	-	-
April 18, 2007	0	-	3.94	-	-	-	-
April 19, 2007	0	-	5.88	-	-	-	-
April 20, 2007	0	-	5.81	-	-	-	-
April 21, 2007	0	-	3.71	-	-	-	-
April 22, 2007	0	-	3.26	-	-	-	-
April 23, 2007	0	-	3.72	-	-	-	-
April 24, 2007	0	-	3.15	-	-	-	-
April 25, 2007	0	-	3.68	-	-	-	-
April 26, 2007	0	-	4.26	-	-	-	-
April 27, 2007	0	-	1.84	-	-	-	-
April 28, 2007	0	-	5.65	-	-	-	-
April 29, 2007	0	-	3.97	-	-	-	-
April 30, 2007	0	85.17	3.95	-17.47	-15.55	-15.55	-23.07
May 1, 2007	0	83.46	3.75	-22.43	-20.33	-20.33	-28.86
May 2, 2007	0	84.75	2.53	-20.27	-18.31	-18.31	-24.43
May 3, 2007	0	84.42	1.22	-16.92	-14.89	-14.89	-17.04
May 4, 2007	0	89.81	5.45	-11.34	-9.98	-9.98	-16.79
May 5, 2007	0	86.13	5.59	-15.32	-13.48	-13.48	-22.15
May 6, 2007	0	83.94	3.42	-20.03	-17.99	-17.99	-25.31
May 7, 2007	0	85.46	1.46	-18.59	-16.75	-16.75	-19.39
May 8, 2007	0	83.45	2.92	-18.75	-16.64	-16.64	-22.51
May 9, 2007	0	84.49	5.12	-19.22	-17.22	-17.22	-26.55
May 10, 2007	0	85.23	3.86	-20.24	-18.37	-18.37	-26.55
May 11, 2007	0	82.88	5.69	-21.20	-19.01	-19.01	-29.19
May 12, 2007	0	82.36	2.01	-17.70	-15.34	-15.34	-19.59
May 13, 2007	0	84.01	4.16	-20.72	-18.67	-18.67	-27.38
May 14, 2007	0	83.09	4.16	-18.78	-16.56	-16.56	-24.68
May 15, 2007	0	85.22	3.81	-18.61	-16.69	-16.69	-24.50
May 16, 2007	0.1	84.20	2.18	-14.78	-12.69	-12.69	-16.98
May 17, 2007	0	75.76	3.23	-10.12	-6.44	-6.44	-11.21
May 18, 2007	0	85.02	4.38	-13.80	-11.77	-11.77	-19.05
May 19, 2007	0	87.43	6.15	-11.68	-9.98	-9.98	-18.01
May 20, 2007	0	84.09	4.71	-12.27	-10.07	-10.07	-16.66
May 21, 2007	0	88.91	5.58	-7.01	-5.46	-5.46	-11.95
May 22, 2007	0	84.39	5.15	-11.26	-9.11	-9.11	-15.95
May 23, 2007	0	84.45	3.05	-12.98	-10.86	-10.86	-16.38
May 24, 2007	0	87.44	4.13	-13.32	-11.64	-11.64	-18.29
May 25, 2007	0	82.25	4.15	-13.36	-10.90	-10.90	-17.57
May 26, 2007	0	83.40	1.90	-10.64	-8.27	-8.27	-11.44
May 27, 2007	0	78.92	4.40	-9.60	-6.52	-6.52	-12.51
May 28, 2007	0	75.57	11.42	-8.59	-4.93	-4.93	-13.92
May 29, 2007	0.7	78.33	8.30	-7.50	-4.29	-4.29	-11.86
May 30, 2007	0	87.63	2.59	-9.01	-7.31	-7.31	-11.07
May 31, 2007	0.1	81.91	3.15	-8.23	-5.58	-5.58	-9.93
June 1, 2007	0.1	82.62	2.11	-10.42	-7.97	-7.97	-11.23
June 2, 2007	0	94.17	4.12	-7.42	-6.63	-6.63	-12.33
June 3, 2007	0	91.80	4.08	-8.66	-7.56	-7.56	-13.42
June 4, 2007	0	81.08	2.99	-5.05	-2.05	-2.05	-5.46
June 5, 2007	0	68.41	3.71	-2.09	3.26	3.26	0.05
June 6, 2007	0	67.61	5.30	-1.17	4.39	4.39	0.62

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
June 7, 2007	0	94.14	3.00	0.76	1.60	1.60	-1.27
June 8, 2007	0	94.52	3.62	-0.62	0.15	0.15	-3.45
June 9, 2007	0	78.15	6.30	-0.36	3.27	3.27	-1.01
June 10, 2007	0	91.74	8.99	0.79	1.99	1.99	-4.04
June 11, 2007	0	96.45	7.70	-0.28	0.20	0.20	-5.82
June 12, 2007	0	97.79	4.55	0.06	0.37	0.37	-4.13
June 13, 2007	0	98.50	2.62	0.18	0.38	0.38	-2.52
June 14, 2007	0	93.97	3.54	1.30	2.18	2.18	-1.21
June 15, 2007	0	95.53	2.81	0.71	1.32	1.32	-1.54
June 16, 2007	0	94.56	3.99	-0.06	0.70	0.70	-3.01
June 17, 2007	0	91.98	4.29	0.33	1.52	1.52	-2.28
June 18, 2007	0	89.28	2.80	0.19	1.81	1.81	-0.73
June 19, 2007	0	87.60	3.05	-2.34	-0.52	-0.52	-4.06
June 20, 2007	0	69.17	8.73	-1.81	3.44	3.44	-1.72
June 21, 2007	0	89.96	5.44	0.60	2.05	2.05	-2.17
June 22, 2007	0	97.01	6.50	0.24	0.65	0.65	-4.78
June 23, 2007	0	92.22	3.35	0.07	1.24	1.24	-1.83
June 24, 2007	0	74.65	3.28	-0.38	4.28	4.28	1.59
June 25, 2007	0	77.60	2.48	1.07	4.74	4.74	2.74
June 26, 2007	0	68.00	2.92	2.82	8.52	8.52	7.34
June 27, 2007	0	74.06	3.24	3.12	7.45	7.45	5.46
June 28, 2007	0	75.73	2.20	5.19	9.29	9.29	8.36
June 29, 2007	0	71.14	3.16	3.57	8.99	8.99	8.27
June 30, 2007	0	57.07	2.19	0.43	8.47	8.47	7.54
July 1, 2007	0	78.52	2.21	3.71	7.25	7.25	5.92
July 2, 2007	0	97.74	1.79	6.47	6.78	6.78	5.71
July 3, 2007	0	77.51	1.27	5.45	9.19	9.19	8.79
July 4, 2007	0	76.55	1.06	5.84	9.71	9.71	9.56
July 5, 2007	0	83.50	2.46	4.68	7.19	7.19	5.69
July 6, 2007	0	57.34	1.34	2.29	11.51	11.51	11.48
July 7, 2007	0	48.51	2.62	1.83	12.53	12.53	12.41
July 8, 2007	0	68.26	2.70	3.05	9.03	9.03	7.82
July 9, 2007	0	72.42	1.80	3.44	8.23	8.23	7.66
July 10, 2007	0	75.45	2.42	5.25	9.63	9.63	8.43
July 11, 2007	3.6	78.57	2.84	5.89	9.48	9.48	8.51
July 12, 2007	0	80.02	2.01	5.67	8.84	8.84	7.93
July 13, 2007	0	54.29	4.87	2.71	13.17	13.17	12.66
July 14, 2007	0	56.24	4.34	3.57	12.15	12.15	12.03
July 15, 2007	0	58.67	4.30	3.65	11.55	11.55	11.11
July 16, 2007	0	75.55	4.01	4.95	9.09	9.09	7.96
July 17, 2007	1	92.91	2.69	6.90	7.90	7.90	6.27
July 18, 2007	0.4	95.74	2.75	4.69	5.26	5.26	3.23
July 19, 2007	0	81.39	1.46	6.43	9.64	9.64	9.22
July 20, 2007	0	82.14	2.87	5.49	8.41	8.41	6.80
July 21, 2007	0	88.00	4.51	3.99	5.80	5.80	2.63
July 22, 2007	2.6	88.28	7.34	4.87	6.71	6.71	2.61
July 23, 2007	13.2	78.73	7.66	6.33	10.01	10.01	7.85
July 24, 2007	0	65.29	3.91	3.98	10.28	10.28	9.33
July 25, 2007	0	66.66	2.13	4.18	10.12	10.12	9.82
July 26, 2007	0.6	74.30	4.80	5.18	9.58	9.58	8.24
July 27, 2007	0	62.13	8.92	3.47	10.51	10.51	9.08
July 28, 2007	0	62.66	6.95	3.67	10.59	10.59	9.11
July 29, 2007	0	65.58	3.84	4.53	10.88	10.88	10.03
July 30, 2007	0	71.91	2.42	4.90	9.80	9.80	9.05
July 31, 2007	0	81.40	3.59	5.41	8.48	8.48	6.69
August 1, 2007	0.3	90.29	6.68	3.96	5.42	5.42	1.22
August 2, 2007	2	96.34	5.33	3.66	4.18	4.18	0.34
August 3, 2007	0.7	92.80	1.69	5.01	6.03	6.03	4.96
August 4, 2007	1.7	79.99	2.97	4.38	7.72	7.72	6.16
August 5, 2007	0.9	86.09	4.77	3.72	5.96	5.96	2.74
August 6, 2007	0	78.67	4.70	2.41	6.01	6.01	2.77
August 7, 2007	0	81.71	3.72	2.43	5.31	5.31	2.60
August 8, 2007	0	66.08	3.93	2.30	8.51	8.51	6.28
August 9, 2007	0	77.40	6.94	6.33	10.20	10.20	8.63
August 10, 2007	0	81.70	7.94	5.57	8.54	8.54	4.99
August 11, 2007	0	90.57	2.88	4.64	6.03	6.03	4.03
August 12, 2007	0	80.94	2.59	4.10	7.35	7.35	6.27
August 13, 2007	0	58.97	3.20	4.08	11.87	11.87	11.80
August 14, 2007	0	61.70	3.41	3.72	10.85	10.85	10.62
August 15, 2007	0	62.27	2.80	3.00	10.06	10.06	9.19

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
August 16, 2007	0	82.34	2.44	4.85	7.70	7.70	6.17
August 17, 2007	0	76.30	1.03	5.06	9.12	9.12	8.97
August 18, 2007	0	81.59	1.26	4.73	7.71	7.71	7.33
August 19, 2007	0	86.92	2.51	3.90	5.91	5.91	4.15
August 20, 2007	0	91.46	3.22	3.52	4.83	4.83	2.35
August 21, 2007	6.4	99.03	6.20	3.34	3.47	3.47	-1.07
August 22, 2007	5.6	93.80	4.53	4.61	5.56	5.56	2.48
August 23, 2007	0	80.56	2.95	3.68	6.86	6.86	4.87
August 24, 2007	0	78.01	3.75	4.60	8.48	8.48	7.28
August 25, 2007	0.9	79.70	4.50	6.30	9.65	9.65	7.96
August 26, 2007	3.9	90.13	4.68	6.09	7.66	7.66	4.86
August 27, 2007	0	94.89	4.38	3.63	4.44	4.44	1.32
August 28, 2007	0	70.53	6.33	5.13	10.31	10.31	8.74
August 29, 2007	0	76.25	3.38	4.82	8.78	8.78	7.00
August 30, 2007	0.2	80.88	3.58	5.11	8.18	8.18	6.21
August 31, 2007	0.3	91.52	2.29	4.12	5.37	5.37	3.73
September 1, 2007	0	81.56	1.93	2.77	5.92	5.92	4.56
September 2, 2007	0	68.47	3.62	0.69	6.13	6.13	3.59
September 3, 2007	0	75.09	2.44	0.59	4.69	4.69	2.81
September 4, 2007	1.1	87.45	4.07	2.43	4.34	4.34	1.23
September 5, 2007	2.6	91.19	3.45	2.11	3.44	3.44	0.64
September 6, 2007	0	82.29	1.87	2.13	4.91	4.91	3.60
September 7, 2007	0.2	89.95	2.96	2.62	4.12	4.12	2.18
September 8, 2007	0	85.98	7.19	0.17	2.29	2.29	-2.84
September 9, 2007	1.4	82.89	10.74	-0.98	1.67	1.67	-4.88
September 10, 2007	0.4	84.03	5.38	-1.48	0.92	0.92	-3.40
September 11, 2007	0	71.97	4.31	-2.33	2.35	2.35	-1.33
September 12, 2007	0	81.89	5.43	-2.28	0.49	0.49	-4.41
September 13, 2007	0	78.80	6.13	-2.91	0.29	0.29	-5.10
September 14, 2007	0	76.75	2.03	-3.58	0.01	0.01	-2.10
September 15, 2007	0	66.22	4.39	-3.84	1.94	1.94	-1.95
September 16, 2007	0	60.49	10.00	-4.70	2.15	2.15	-4.10
September 17, 2007	0	71.76	6.60	-3.33	1.19	1.19	-4.11
September 18, 2007	0	79.86	8.58	-3.69	-0.64	-0.64	-7.08
September 19, 2007	0	74.52	10.34	-5.10	-1.08	-1.08	-8.50
September 20, 2007	0	79.05	3.25	-5.11	-1.90	-1.90	-5.54
September 21, 2007	0	68.40	2.08	-6.81	-1.69	-1.69	-4.00
September 22, 2007	0	70.56	3.05	-5.22	-0.51	-0.51	-3.94
September 23, 2007	0	78.82	1.38	-4.07	-0.83	-0.83	-2.09
September 24, 2007	0	88.61	1.88	-4.41	-2.78	-2.78	-4.94
September 25, 2007	0.5	87.60	3.16	-3.67	-1.89	-1.89	-5.69
September 26, 2007	0	84.98	5.58	-6.55	-4.36	-4.36	-10.64
September 27, 2007	0	80.69	5.98	-6.04	-3.14	-3.14	-9.33
September 28, 2007	0	88.15	2.94	-3.90	-2.19	-2.19	-5.77
September 29, 2007	0	89.19	3.05	-4.21	-2.68	-2.68	-6.68
September 30, 2007	0.1	93.46	9.33	-2.18	-1.26	-1.26	-8.26
October 1, 2007	0.5	89.00	12.46	-1.70	-0.01	-0.01	-7.74
October 2, 2007	0	78.98	6.87	-5.61	-2.42	-2.42	-8.78
October 3, 2007	0	75.62	4.48	-8.56	-4.76	-4.76	-10.31
October 4, 2007	0	73.69	12.76	-5.01	-0.86	-0.86	-8.92
October 5, 2007	0	84.37	6.49	-2.94	-0.60	-0.60	-6.23
October 6, 2007	0	87.00	4.08	-7.09	-5.21	-5.21	-10.18
October 7, 2007	0	91.12	10.66	-2.43	-1.15	-1.15	-8.72
October 8, 2007	0	94.96	3.97	-1.08	-0.38	-0.38	-4.01
October 9, 2007	0	93.53	3.08	-2.95	-2.06	-2.06	-5.32
October 10, 2007	0	92.49	7.33	-2.35	-1.29	-1.29	-7.67
October 11, 2007	0	93.34	7.13	-3.24	-2.33	-2.33	-8.68
October 12, 2007	0	95.50	7.89	-1.49	-0.86	-0.86	-7.33
October 13, 2007	2.4	96.49	6.21	-0.36	0.13	0.13	-5.34
October 14, 2007	0	90.88	6.01	-3.18	-1.89	-1.89	-7.74
October 15, 2007	0	91.64	4.93	-5.36	-4.23	-4.23	-9.36
October 16, 2007	0	82.52	12.16	-8.58	-6.08	-6.08	-15.80
October 17, 2007	0	86.36	4.88	-11.79	-9.96	-9.96	-17.06
October 18, 2007	0	88.36	4.66	-13.57	-12.01	-12.01	-19.54
October 19, 2007	0	89.40	1.37	-17.03	-15.68	-15.68	-17.80
October 20, 2007	0	89.00	1.20	-17.56	-16.16	-16.16	-18.40
October 21, 2007	0	89.63	8.74	-13.47	-12.08	-12.08	-22.20
October 22, 2007	0	88.68	5.70	-14.48	-13.02	-13.02	-21.37
October 23, 2007	0	87.97	2.96	-18.68	-17.18	-17.18	-23.97
October 24, 2007	0	89.45	1.86	-16.88	-15.54	-15.54	-19.12

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
October 25, 2007	0	89.85	3.20	-15.69	-14.40	-14.40	-20.33
October 26, 2007	0	78.59	4.61	-16.61	-13.67	-13.67	-21.59
October 27, 2007	0	87.88	3.75	-17.25	-15.71	-15.71	-23.12
October 28, 2007	0	85.57	3.89	-16.73	-14.84	-14.84	-21.98
October 29, 2007	0	80.05	5.68	-16.88	-14.17	-14.16	-22.90
October 30, 2007	0	77.58	3.39	-17.66	-14.60	-14.60	-21.42
October 31, 2007	0	88.05	3.50	-15.46	-13.88	-13.88	-20.36
November 1, 2007	0	90.80	1.05	-14.76	-13.57	-13.57	-14.42
November 2, 2007	0	89.95	0.96	-16.02	-14.74	-14.74	-16.21
November 3, 2007	0	88.39	0.00	-18.15	-16.68	-16.68	-16.68
November 4, 2007	0	86.71	4.59	-19.40	-17.71	-17.71	-22.63
November 5, 2007	0	88.44	6.65	-15.67	-14.22	-14.22	-22.57
November 6, 2007	0	81.47	6.68	-24.51	-22.18	-22.18	-33.51
November 7, 2007	0	79.24	8.68	-20.70	-17.99	-17.99	-29.96
November 8, 2007	0	84.85	10.68	-15.30	-13.30	-13.30	-24.80
November 9, 2007	0	81.77	7.11	-21.10	-18.74	-18.74	-29.93
November 10, 2007	0	84.09	3.40	-22.35	-20.35	-20.35	-27.91
November 11, 2007	0	86.98	10.61	-13.99	-12.30	-12.30	-22.94
November 12, 2007	0	84.80	6.11	-12.95	-10.85	-10.85	-18.98
November 13, 2007	0	88.71	5.31	-17.72	-16.29	-16.29	-25.48
November 14, 2007	0	84.32	3.35	-20.05	-18.05	-18.05	-24.89
November 15, 2007	0	82.57	3.32	-25.62	-23.49	-23.49	-32.12
November 16, 2007	0	83.10	3.14	-22.73	-20.60	-20.60	-28.07
November 17, 2007	0	82.39	7.09	-18.47	-16.16	-16.16	-25.77
November 18, 2007	0	88.11	15.56	-13.30	-11.72	-11.72	-24.42
November 19, 2007	0	85.87	5.56	-18.00	-16.18	-16.18	-25.46
November 20, 2007	0	83.63	3.41	-20.24	-18.14	-18.14	-25.40
November 21, 2007	0	85.90	1.95	-21.47	-19.73	-19.73	-24.14
November 22, 2007	0	83.20	1.86	-24.80	-22.73	-22.73	-27.24
November 23, 2007	0	83.75	6.04	-22.75	-20.71	-20.71	-31.28
November 24, 2007	0	77.29	4.62	-22.83	-19.86	-19.86	-28.87
November 25, 2007	0	80.78	4.25	-27.14	-24.79	-24.79	-34.97
November 26, 2007	0	79.05	1.85	-29.67	-27.14	-27.14	-32.31
November 27, 2007	0	83.26	5.63	-22.08	-19.97	-19.97	-30.39
November 28, 2007	0	75.70	4.15	-20.92	-17.65	-17.65	-25.79
November 29, 2007	0	79.81	2.57	-28.80	-26.35	-26.35	-33.66
November 30, 2007	0	76.64	3.78	-27.56	-24.62	-24.62	-33.40
December 1, 2007	0	75.19	3.13	-28.30	-25.17	-25.17	-33.31
December 2, 2007	0	78.13	3.20	-30.71	-28.07	-28.07	-37.49
December 3, 2007	0	76.99	1.54	-31.80	-29.04	-29.04	-33.47
December 4, 2007	0	79.14	1.96	-29.52	-26.99	-26.99	-32.88
December 5, 2007	0	84.22	1.76	-23.30	-21.35	-21.35	-25.40
December 6, 2007	0	81.74	2.66	-26.00	-23.75	-23.75	-29.61
December 7, 2007	0	80.65	6.57	-19.05	-16.48	-16.48	-26.70
December 8, 2007	0	75.62	6.31	-20.00	-16.70	-16.70	-26.69
December 9, 2007	0	71.15	4.24	-20.51	-16.52	-16.52	-23.94
December 10, 2007	0	70.70	4.26	-19.35	-15.18	-15.18	-22.41
December 11, 2007	0	77.41	5.43	-29.55	-26.77	-26.77	-38.72
December 12, 2007	0	74.25	7.36	-34.50	-31.42	-31.42	-46.59
December 13, 2007	0	74.29	5.39	-34.74	-31.68	-31.68	-44.96
December 14, 2007	0	72.18	4.09	-37.13	-33.86	-33.86	-45.92
December 15, 2007	0	70.81	2.21	-38.27	-34.87	-34.87	-42.73
December 16, 2007	0	71.52	1.02	-37.52	-34.19	-34.19	-36.52
December 17, 2007	0	72.25	2.15	-36.75	-33.48	-33.48	-40.35
December 18, 2007	0	70.28	2.05	-39.14	-35.66	-35.66	-42.69
December 19, 2007	0	67.71	2.41	-41.56	-37.83	-37.83	-46.43
December 20, 2007	0	77.42	7.60	-30.44	-27.71	-27.71	-41.57
December 21, 2007	0	83.26	8.40	-19.73	-17.56	-17.56	-29.21
December 22, 2007	0	78.77	5.40	-28.07	-25.46	-25.46	-37.13
December 23, 2007	0	72.81	5.39	-35.74	-32.50	-32.50	-44.58
December 24, 2007	0	70.25	4.08	-35.16	-31.53	-31.53	-42.91
December 25, 2007	0	71.54	3.61	-36.85	-33.47	-33.47	-44.64
December 26, 2007	0	68.10	4.35	-35.18	-31.20	-31.20	-42.78
December 27, 2007	0	69.20	4.14	-40.11	-36.52	-36.52	-49.11
December 28, 2007	0	69.54	1.74	-39.72	-36.15	-36.15	-42.35
December 29, 2007	0	67.85	2.49	-41.37	-37.65	-37.65	-46.67
December 30, 2007	0	67.38	1.42	-41.78	-38.01	-38.01	-42.46
December 31, 2007	0	68.18	2.61	-40.99	-37.30	-37.29	-46.31
January 1, 2008	0	70.30	1.96	-38.89	-35.40	-35.40	-42.03
January 2, 2008	0	66.19	3.57	-43.16	-39.28	-39.28	-51.73

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
January 3, 2008	0	66.17	3.53	-43.14	-39.24	-39.24	-51.58
January 4, 2008	0	67.35	3.13	-41.71	-37.93	-37.93	-49.17
January 5, 2008	0	65.23	2.85	-44.05	-40.08	-40.08	-50.87
January 6, 2008	0	62.76	3.28	-46.43	-42.22	-42.22	-54.67
January 7, 2008	0	66.94	3.67	-42.02	-38.19	-38.19	-50.38
January 8, 2008	0	71.54	3.91	-37.40	-34.02	-34.02	-45.82
January 9, 2008	0	72.91	3.56	-36.01	-32.80	-32.80	-43.82
January 10, 2008	0	74.98	3.45	-33.78	-30.79	-30.79	-41.20
January 11, 2008	0	75.71	3.04	-33.13	-30.21	-30.21	-39.83
January 12, 2008	0	74.49	2.85	-34.47	-31.42	-31.42	-40.88
January 13, 2008	0	73.90	1.24	-35.17	-32.05	-32.05	-35.89
January 14, 2008	0	81.75	4.67	-26.08	-23.84	-23.84	-32.20
January 15, 2008	0	84.70	10.63	-22.06	-20.15	-20.15	-34.01
January 16, 2008	0	86.54	11.50	-19.14	-17.44	-17.44	-30.81
January 17, 2008	0	82.21	12.79	-18.45	-16.09	-16.09	-29.55
January 18, 2008	0	74.22	3.64	-22.88	-19.39	-19.39	-26.54
January 19, 2008	0	70.09	3.70	-28.75	-24.82	-24.82	-34.06
January 20, 2008	0	73.90	7.92	-25.72	-22.33	-22.32	-34.89
January 21, 2008	0	68.28	8.64	-19.68	-15.01	-15.01	-25.76
January 22, 2008	0	71.44	6.14	-21.03	-16.90	-16.90	-26.86
January 23, 2008	0	75.61	4.17	-31.46	-28.49	-28.49	-39.03
January 24, 2008	0	77.87	3.67	-29.47	-26.77	-26.77	-35.45
January 25, 2008	0	79.51	3.23	-28.06	-25.55	-25.55	-34.42
January 26, 2008	0	78.66	2.08	-29.62	-27.06	-27.06	-32.88
January 27, 2008	0	70.53	2.65	-38.92	-35.47	-35.47	-45.29
January 28, 2008	0	68.65	1.01	-40.56	-36.92	-36.92	-39.68
January 29, 2008	0	76.21	8.16	-30.99	-28.11	-28.11	-42.25
January 30, 2008	0	80.28	12.86	-19.06	-16.45	-16.45	-30.02
January 31, 2008	0	88.17	10.95	-9.56	-7.93	-7.93	-17.90
February 1, 2008	0	81.07	8.87	-7.15	-4.38	-4.38	-12.34
February 2, 2008	0	85.86	10.20	-17.53	-15.73	-15.73	-27.68
February 3, 2008	0	73.45	2.08	-36.11	-32.98	-32.98	-39.70
February 4, 2008	0	68.60	1.86	-41.00	-37.36	-37.36	-44.32
February 5, 2008	0	66.76	3.10	-42.58	-38.77	-38.77	-48.94
February 6, 2008	0	58.89	3.39	-50.80	-46.25	-46.25	-59.60
February 7, 2008	0	61.52	2.68	-47.56	-43.23	-43.23	-52.82
February 8, 2008	0	58.36	3.32	-51.04	-46.41	-46.41	-59.30
February 9, 2008	0	58.06	3.08	-51.07	-46.40	-46.40	-57.99
February 10, 2008	0	67.47	9.07	-41.17	-37.39	-37.39	-55.62
February 11, 2008	0	69.21	7.99	-35.20	-31.40	-31.40	-46.90
February 12, 2008	0	61.95	2.78	-37.27	-32.44	-32.44	-40.59
February 13, 2008	0	65.25	4.05	-43.72	-39.74	-39.74	-53.13
February 14, 2008	0	62.70	3.84	-46.37	-42.14	-42.14	-55.71
February 15, 2008	0	62.24	4.26	-46.69	-42.42	-42.42	-56.73
February 16, 2008	0	65.67	4.98	-43.07	-39.11	-39.11	-53.78
February 17, 2008	0	68.11	5.63	-40.76	-37.04	-37.04	-52.01
February 18, 2008	0	67.15	4.96	-41.80	-37.99	-37.99	-52.02
February 19, 2008	0	65.71	3.81	-43.26	-39.31	-39.31	-51.97
February 20, 2008	0	67.87	2.26	-41.03	-37.29	-37.29	-44.70
February 21, 2008	0	69.82	2.17	-39.19	-35.65	-35.65	-42.20
February 22, 2008	0	69.45	1.94	-39.66	-36.08	-36.08	-42.80
February 23, 2008	0	71.55	3.71	-33.39	-29.89	-29.89	-40.08
February 24, 2008	0	66.04	4.30	-29.97	-25.47	-25.47	-34.88
February 25, 2008	0	71.23	5.40	-37.36	-33.96	-33.96	-47.82
February 26, 2008	0	72.16	5.43	-36.64	-33.34	-33.34	-47.08
February 27, 2008	0	68.72	4.41	-39.90	-36.24	-36.24	-49.20
February 28, 2008	0	66.92	5.56	-41.89	-38.05	-38.05	-53.15
February 29, 2008	0	66.86	6.03	-41.35	-37.48	-37.48	-52.95
March 1, 2008	0	66.18	2.58	-41.97	-38.03	-38.02	-46.52
March 2, 2008	0	72.52	4.92	-34.42	-31.10	-31.10	-42.75
March 3, 2008	0	78.82	7.45	-26.46	-23.82	-23.82	-36.79
March 4, 2008	0	79.65	10.15	-20.12	-17.43	-17.43	-30.14
March 5, 2008	0	67.07	4.95	-20.95	-16.24	-16.24	-24.40
March 6, 2008	0	75.67	2.76	-24.52	-21.33	-21.33	-27.93
March 7, 2008	0	76.52	4.59	-30.02	-27.15	-27.15	-37.30
March 8, 2008	0	75.10	7.33	-30.31	-27.23	-27.23	-40.99
March 9, 2008	0	70.28	1.45	-33.98	-30.33	-30.33	-34.31
March 10, 2008	0	70.22	4.07	-37.78	-34.25	-34.25	-46.29
March 11, 2008	0	67.98	5.87	-40.23	-36.48	-36.48	-51.53
March 12, 2008	0	67.97	5.08	-39.98	-36.21	-36.21	-50.26

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
March 13, 2008	0	68.05	4.60	-39.75	-35.99	-35.99	-49.17
March 14, 2008	0	69.17	4.97	-36.72	-32.99	-32.99	-45.01
March 15, 2008	0	70.20	7.91	-31.82	-28.05	-28.05	-42.69
March 16, 2008	0	62.82	4.55	-28.17	-23.02	-23.02	-32.98
March 17, 2008	0	69.12	6.90	-32.69	-28.79	-28.79	-42.79
March 18, 2008	0	72.84	8.52	-34.22	-30.94	-30.94	-46.73
March 19, 2008	0	71.31	3.17	-35.74	-32.31	-32.31	-41.24
March 20, 2008	0	65.39	3.48	-42.51	-38.47	-38.47	-49.94
March 21, 2008	0	65.29	4.82	-42.91	-38.88	-38.88	-52.96
March 22, 2008	0	65.44	7.88	-42.72	-38.71	-38.71	-56.48
March 23, 2008	0	70.00	7.05	-31.82	-28.02	-28.02	-41.75
March 24, 2008	0	77.18	9.36	-20.37	-17.32	-17.32	-29.51
March 25, 2008	0	83.20	3.11	-18.61	-16.42	-16.42	-22.78
March 26, 2008	0	80.58	3.79	-26.87	-24.49	-24.49	-33.74
March 27, 2008	0	75.54	4.04	-31.89	-28.92	-28.92	-38.94
March 28, 2008	0	73.25	1.76	-34.96	-31.75	-31.75	-37.02
March 29, 2008	0	75.09	6.16	-30.49	-27.41	-27.41	-39.81
March 30, 2008	0	82.06	7.19	-22.88	-20.61	-20.61	-32.45
March 31, 2008	0	83.77	7.64	-19.84	-17.77	-17.77	-29.06
April 1, 2008	0	73.98	9.53	-15.04	-11.31	-11.31	-21.70
April 2, 2008	0	63.68	7.80	-16.22	-10.70	-10.70	-19.98
April 3, 2008	0	80.40	4.79	-16.99	-14.36	-14.36	-22.11
April 4, 2008	0	68.00	3.25	-18.75	-13.93	-13.93	-20.34
April 5, 2008	0	61.64	3.15	-15.39	-9.31	-9.31	-13.99
April 6, 2008	0	81.66	4.09	-11.81	-9.21	-9.21	-15.04
April 7, 2008	0	82.99	7.51	-18.04	-15.81	-15.81	-26.05
April 8, 2008	0	86.29	9.23	-18.86	-17.11	-17.11	-29.12
April 9, 2008	0	85.44	5.96	-15.59	-13.67	-13.67	-22.58
April 10, 2008	0	84.77	3.61	-16.95	-14.96	-14.96	-22.18
April 11, 2008	0.1	77.76	3.96	-18.76	-15.73	-15.73	-22.72
April 12, 2008	0.1	70.85	6.63	-19.35	-15.24	-15.24	-25.12
April 13, 2008	0	69.56	3.55	-24.15	-19.93	-19.93	-27.61
April 14, 2008	0	71.02	5.71	-23.56	-19.64	-19.64	-29.32
April 15, 2008	0	74.92	7.71	-16.54	-12.91	-12.91	-22.89
April 16, 2008	0	55.15	3.67	-18.71	-11.44	-11.44	-17.42
April 17, 2008	0	69.89	3.17	-20.38	-15.93	-15.93	-22.25
April 18, 2008	0	79.14	3.55	-23.05	-20.35	-20.35	-28.27
April 19, 2008	0	80.08	1.93	-23.38	-20.83	-20.83	-25.72
April 20, 2008	0	78.34	4.65	-27.74	-25.06	-25.06	-35.77
April 21, 2008	0	77.87	3.99	-27.27	-24.52	-24.52	-33.88
April 22, 2008	0	82.08	4.49	-20.15	-17.85	-17.85	-26.25
April 23, 2008	0	74.30	3.64	-16.92	-13.19	-13.19	-19.12
April 24, 2008	0	75.72	10.68	-11.68	-8.13	-8.13	-18.04
April 25, 2008	0	89.75	10.43	-10.62	-9.25	-9.25	-19.25
April 26, 2008	0	81.56	4.16	-17.12	-14.65	-14.65	-22.14
April 27, 2008	0	78.77	5.00	-16.92	-14.00	-14.00	-22.28
April 28, 2008	0	74.14	5.83	-15.15	-11.45	-11.45	-19.29
April 29, 2008	0	89.47	9.43	-7.36	-5.91	-5.91	-14.46
April 30, 2008	0	89.71	5.28	-10.63	-9.25	-9.25	-16.29
May 1, 2008	0	78.58	3.35	-10.77	-7.57	-7.57	-12.30
May 2, 2008	0	79.93	2.64	-11.61	-8.80	-8.80	-13.42
May 3, 2008	0	85.90	3.51	-12.03	-10.13	-10.13	-16.18
May 4, 2008	0.1	92.03	3.30	-6.88	-5.78	-5.78	-10.49
May 5, 2008	0.9	87.62	6.71	-2.53	-0.69	-0.69	-6.64
May 6, 2008	0	82.89	7.56	-4.03	-1.48	-1.48	-8.06
May 7, 2008	0	79.97	6.69	-4.98	-1.97	-1.97	-8.09
May 8, 2008	0	80.43	2.54	-7.37	-4.48	-4.48	-8.08
May 9, 2008	0	88.33	2.69	-7.96	-6.48	-6.48	-10.37
May 10, 2008	0	91.57	3.81	-9.48	-8.35	-8.35	-14.34
May 11, 2008	0	92.20	3.49	-8.21	-7.15	-7.15	-12.56
May 12, 2008	0	82.90	2.23	-7.81	-5.30	-5.30	-8.40
May 13, 2008	0	94.24	2.86	-8.16	-7.39	-7.39	-11.51
May 14, 2008	0	85.25	3.36	-7.22	-4.92	-4.92	-9.57
May 15, 2008	0	75.96	3.75	-4.67	-0.84	-0.84	-4.81
May 16, 2008	2.7	73.75	8.12	-2.54	1.81	1.81	-3.76
May 17, 2008	0	75.28	6.92	-0.48	3.57	3.57	-1.26
May 18, 2008	0.1	79.48	6.13	0.36	3.58	3.58	-0.81
May 19, 2008	0	75.76	3.92	0.25	4.22	4.22	1.13
May 20, 2008	0	72.39	3.44	-1.41	3.09	3.09	0.21
May 21, 2008	3.6	94.62	4.41	0.33	1.11	1.11	-2.88

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Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
May 22, 2008	0.2	91.52	6.20	-1.96	-0.71	-0.71	-6.18
May 23, 2008	0	90.54	6.73	-2.49	-1.14	-1.14	-7.24
May 24, 2008	0.1	90.72	3.71	-2.53	-1.22	-1.22	-5.38
May 25, 2008	0	70.63	4.93	-4.39	0.31	0.31	-4.34
May 26, 2008	0	84.75	4.65	-5.45	-3.19	-3.19	-8.51
May 27, 2008	0	83.43	2.40	-5.31	-2.87	-2.87	-6.01
May 28, 2008	0.1	78.38	4.15	-3.45	0.01	0.01	-4.25
May 29, 2008	0	69.43	3.47	-5.24	-0.12	-0.12	-3.53
May 30, 2008	0	83.95	6.26	-4.01	-1.63	-1.63	-7.49
May 31, 2008	0	84.79	3.96	-6.06	-3.85	-3.85	-8.84
June 1, 2008	0	77.05	3.93	-4.97	-1.36	-1.36	-5.75
June 2, 2008	0	80.01	1.81	-2.24	0.85	0.85	-0.84
June 3, 2008	1.6	81.73	4.75	-0.19	2.65	2.65	-1.17
June 4, 2008	0.5	79.85	7.90	-0.08	3.09	3.09	-2.22
June 5, 2008	0	84.78	7.65	-0.14	2.22	2.22	-3.04
June 6, 2008	0	89.64	2.73	-1.28	0.25	0.25	-2.82
June 7, 2008	0	76.43	3.41	-0.20	3.83	3.83	1.14
June 8, 2008	0.3	83.15	4.88	-0.37	2.44	2.44	-1.51
June 9, 2008	2.3	80.92	8.84	-0.39	2.58	2.58	-3.22
June 10, 2008	0.1	85.99	13.27	-0.84	1.27	1.27	-6.21
June 11, 2008	1.9	90.82	8.72	-0.31	1.01	1.01	-5.16
June 12, 2008	7.1	93.25	3.66	1.39	2.37	2.37	-0.79
June 13, 2008	3.8	95.40	6.16	0.83	1.49	1.49	-3.38
June 14, 2008	0.5	90.15	7.20	0.04	1.48	1.48	-3.88
June 15, 2008	0	80.05	3.96	0.26	3.61	3.61	0.36
June 16, 2008	3.3	91.61	5.95	2.45	3.71	3.71	-0.70
June 17, 2008	0.8	97.91	5.11	0.66	0.95	0.95	-3.54
June 18, 2008	0	93.65	4.24	1.07	1.98	1.98	-1.75
June 19, 2008	0	87.88	3.76	1.25	3.06	3.06	-0.33
June 20, 2008	0	87.81	2.89	3.64	5.51	5.51	3.40
June 21, 2008	9.4	98.28	5.22	3.27	3.50	3.50	-0.45
June 22, 2008	6.4	93.09	2.46	1.83	2.85	2.85	0.60
June 23, 2008	0	83.22	2.17	0.52	3.17	3.17	1.15
June 24, 2008	0	83.15	2.30	1.55	4.12	4.12	2.18
June 25, 2008	3.1	88.08	1.90	2.54	4.28	4.28	2.86
June 26, 2008	0.1	89.35	2.03	4.11	5.78	5.78	4.34
June 27, 2008	0	75.85	2.79	3.77	8.05	8.05	6.29
June 28, 2008	0	83.28	3.53	4.00	6.65	6.65	4.27
June 29, 2008	0	78.64	3.77	3.45	6.94	6.94	4.71
June 30, 2008	0	81.13	3.21	4.26	7.27	7.27	5.37
July 1, 2008	0.8	75.20	2.66	2.97	7.15	7.15	5.48
July 2, 2008	0	63.93	3.43	1.98	8.46	8.46	6.67
July 3, 2008	0	63.88	2.42	4.14	10.86	10.86	10.68
July 4, 2008	0	58.99	2.74	2.13	10.06	10.06	9.39
July 5, 2008	0	46.40	5.31	1.17	12.48	12.48	12.44
July 6, 2008	0	63.05	4.66	2.84	9.70	9.70	8.15
July 7, 2008	0	73.76	2.92	3.92	8.30	8.30	7.03
July 8, 2008	0	82.95	4.26	3.94	6.65	6.65	3.89
July 9, 2008	0	67.61	3.13	3.85	9.87	9.87	9.24
July 10, 2008	0	53.94	2.34	2.53	11.91	11.91	11.51
July 11, 2008	0	67.26	2.45	4.29	10.17	10.17	9.39
July 12, 2008	0	63.45	2.28	3.69	10.53	10.53	10.31
July 13, 2008	0	61.30	3.45	3.74	11.30	11.30	10.55
July 14, 2008	0	80.06	5.06	4.84	8.12	8.12	5.29
July 15, 2008	0	85.18	5.75	4.64	6.98	6.98	3.59
July 16, 2008	0	92.89	6.83	3.64	4.69	4.69	0.21
July 17, 2008	0.2	91.39	4.83	3.34	4.67	4.67	1.07
July 18, 2008	11.2	88.00	7.53	3.32	5.16	5.16	0.62
July 19, 2008	0.5	95.54	3.52	3.49	4.12	4.12	1.39
July 20, 2008	9.3	94.69	1.79	5.33	6.09	6.09	5.07
July 21, 2008	3.3	93.43	3.32	6.63	7.63	7.63	5.74
July 22, 2008	11.2	95.33	7.80	4.91	5.60	5.60	1.05
July 23, 2008	2.8	96.62	6.75	4.36	4.82	4.82	0.61
July 24, 2008	0.1	89.36	4.62	3.37	4.99	4.99	1.69
July 25, 2008	0.5	88.79	2.25	3.78	5.46	5.46	3.88
July 26, 2008	0	76.94	2.94	3.54	7.40	7.40	5.86
July 27, 2008	2.2	65.81	5.78	4.73	10.98	10.98	10.25
July 28, 2008	5.9	90.68	7.83	4.81	6.30	6.30	2.10
July 29, 2008	0.1	97.60	6.44	3.89	4.23	4.23	-0.21
July 30, 2008	0	96.21	5.30	3.74	4.27	4.27	0.27

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
July 31, 2008	0.3	95.58	1.93	3.90	4.53	4.53	3.08
August 1, 2008	0	84.09	1.15	5.35	7.88	7.88	7.54
August 2, 2008	0	75.09	2.25	6.58	11.04	11.04	10.56
August 3, 2008	0	72.57	1.38	8.43	13.39	13.39	13.32
August 4, 2008	0	80.37	1.67	9.27	12.59	12.59	12.34
August 5, 2008	0.4	81.87	4.44	8.29	11.24	11.24	10.68
August 6, 2008	0	80.55	4.47	7.81	11.05	11.05	10.39
August 7, 2008	0	76.18	4.06	7.34	11.43	11.43	11.08
August 8, 2008	0	89.67	2.69	6.13	7.67	7.67	6.33
August 9, 2008	0	-	3.92	-	-	-	-
August 10, 2008	-	-	-	-	-	-	-
August 11, 2008	0	-	1.58	-	-	-	-
August 12, 2008	-	-	-	-	-	-	-
August 13, 2008	0	-	1.33	-	-	-	-
August 14, 2008	-	-	-	-	-	-	-
August 15, 2008	-	-	-	-	-	-	-
August 16, 2008	-	-	-	-	-	-	-
August 17, 2008	-	-	-	-	-	-	-
August 18, 2008	-	-	-	-	-	-	-
August 19, 2008	-	-	-	-	-	-	-
August 20, 2008	-	-	-	-	-	-	-
August 21, 2008	-	-	-	-	-	-	-
August 22, 2008	-	-	-	-	-	-	-
August 23, 2008	-	-	-	-	-	-	-
August 24, 2008	-	-	-	-	-	-	-
August 25, 2008	-	-	-	-	-	-	-
August 26, 2008	-	-	-	-	-	-	-
August 27, 2008	-	-	-	-	-	-	-
August 28, 2008	-	-	-	-	-	-	-
August 29, 2008	-	-	-	-	-	-	-
August 30, 2008	-	-	-	-	-	-	-
August 31, 2008	-	-	-	-	-	-	-
September 1, 2008	-	-	-	-	-	-	-
September 2, 2008	-	-	-	-	-	-	-
September 3, 2008	-	-	-	-	-	-	-
September 4, 2008	-	-	-	-	-	-	-
September 5, 2008	-	-	-	-	-	-	-
September 6, 2008	-	-	-	-	-	-	-
September 7, 2008	-	-	-	-	-	-	-
September 8, 2008	-	-	-	-	-	-	-
September 9, 2008	-	-	-	-	-	-	-
September 10, 2008	-	-	-	-	-	-	-
September 11, 2008	-	-	-	-	-	-	-
September 12, 2008	-	-	-	-	-	-	-
September 13, 2008	-	-	-	-	-	-	-
September 14, 2008	-	-	-	-	-	-	-
September 15, 2008	-	-	-	-	-	-	-
September 16, 2008	-	-	-	-	-	-	-
September 17, 2008	-	-	-	-	-	-	-
September 18, 2008	-	-	-	-	-	-	-
September 19, 2008	-	-	-	-	-	-	-
September 20, 2008	0	-	5.86	-	-	-	-
September 21, 2008	0	81.42	5.52	-5.02	-2.23	-2.23	-7.90
September 22, 2008	0	86.63	6.02	-4.21	-2.26	-2.26	-8.27
September 23, 2008	0	90.90	3.86	-4.15	-2.87	-2.87	-7.29
September 24, 2008	0	89.69	8.61	-2.22	-0.75	-0.75	-7.52
September 25, 2008	0.3	86.08	12.24	-1.96	0.10	0.10	-7.49
September 26, 2008	1.1	80.50	11.57	-1.69	1.35	1.35	-5.61
September 27, 2008	0	77.84	7.53	-4.81	-1.41	-1.41	-7.83
September 28, 2008	0	84.64	6.26	-7.15	-4.95	-4.95	-11.59
September 29, 2008	0	88.14	5.08	-6.20	-4.53	-4.53	-10.48
September 30, 2008	0	75.25	4.37	-11.46	-7.79	-7.79	-14.01
October 1, 2008	0	74.67	3.32	-9.57	-5.75	-5.75	-10.37
October 2, 2008	0	73.68	3.06	-9.60	-5.63	-5.63	-9.95
October 3, 2008	0	86.53	3.86	-9.28	-7.42	-7.42	-13.20
October 4, 2008	0	96.09	3.13	-3.38	-2.83	-2.83	-6.44
October 5, 2008	2.8	82.13	4.77	-6.09	-3.41	-3.41	-7.72
October 6, 2008	0	91.27	2.78	-10.37	-9.18	-9.18	-13.73
October 7, 2008	0	86.30	8.06	-6.97	-4.99	-4.99	-12.12
October 8, 2008	0	96.08	6.56	-2.06	-1.52	-1.52	-7.23

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
October 9, 2008	0	86.91	7.85	-3.42	-1.53	-1.53	-8.20
October 10, 2008	0	83.29	11.63	-7.45	-5.09	-5.09	-14.32
October 11, 2008	0	86.31	10.38	-10.70	-8.83	-8.83	-18.81
October 12, 2008	0	94.49	8.40	-6.73	-5.99	-5.99	-13.68
October 13, 2008	0	94.31	6.54	-3.34	-2.55	-2.55	-8.94
October 14, 2008	0	89.42	6.76	-9.11	-7.70	-7.70	-15.63
October 15, 2008	0	90.44	3.72	-9.39	-8.13	-8.13	-13.52
October 16, 2008	0	92.29	5.36	-10.43	-9.42	-9.42	-16.93
October 17, 2008	0	91.21	9.22	-10.06	-8.89	-8.89	-17.52
October 18, 2008	0	89.01	9.38	-11.64	-10.24	-10.24	-19.59
October 19, 2008	0	86.79	4.82	-17.79	-16.11	-16.11	-23.95
October 20, 2008	0	88.93	6.66	-14.70	-13.29	-13.29	-21.21
October 21, 2008	0	90.05	5.35	-12.07	-10.76	-10.76	-18.22
October 22, 2008	0	85.97	5.60	-13.21	-11.32	-11.32	-19.32
October 23, 2008	0	72.33	5.28	-18.31	-14.40	-14.40	-22.33
October 24, 2008	0	77.49	13.10	-12.93	-9.73	-9.73	-20.97
October 25, 2008	0	78.38	12.78	-8.38	-5.15	-5.15	-14.76
October 26, 2008	0	94.01	6.22	-2.28	-1.43	-1.43	-7.27
October 27, 2008	0	91.34	4.36	-3.36	-2.14	-2.14	-6.78
October 28, 2008	0	-	12.65	-	-	-	-
October 29, 2008	0	-	4.16	-	-	-	-
October 30, 2008	0	-	13.16	-	-	-	-
October 31, 2008	0	-	5.59	-	-	-	-
November 1, 2008	0	-	3.27	-	-	-	-
November 2, 2008	0	-	7.30	-	-	-	-
November 3, 2008	0	-	2.69	-	-	-	-
November 4, 2008	-	-	-	-	-	-	-
November 5, 2008	0	-	4.79	-	-	-	-
November 6, 2008	0	-	4.98	-	-	-	-
November 7, 2008	0	-	3.63	-	-	-	-
November 8, 2008	0	-	4.18	-	-	-	-
November 9, 2008	0	-	1.73	-	-	-	-
November 10, 2008	0	-	5.00	-	-	-	-
November 11, 2008	-	-	-	-	-	-	-
November 12, 2008	-	-	-	-	-	-	-
November 13, 2008	-	-	-	-	-	-	-
November 14, 2008	-	-	-	-	-	-	-
November 15, 2008	0	-	8.32	-	-	-	-
November 16, 2008	0	-	6.70	-	-	-	-
November 17, 2008	0	-	5.89	-	-	-	-
November 18, 2008	0	-	4.66	-	-	-	-
November 19, 2008	-	-	-	-	-	-	-
November 20, 2008	-	-	-	-	-	-	-
November 21, 2008	-	-	-	-	-	-	-
November 22, 2008	-	-	-	-	-	-	-
November 23, 2008	-	-	-	-	-	-	-
November 24, 2008	-	-	-	-	-	-	-
November 25, 2008	-	-	-	-	-	-	-
November 26, 2008	-	-	-	-	-	-	-
November 27, 2008	-	-	-	-	-	-	-
November 28, 2008	-	-	-	-	-	-	-
November 29, 2008	-	-	-	-	-	-	-
November 30, 2008	-	-	-	-	-	-	-
December 1, 2008	-	-	-	-	-	-	-
December 2, 2008	-	-	-	-	-	-	-
December 3, 2008	-	-	-	-	-	-	-
December 4, 2008	-	-	-	-	-	-	-
December 5, 2008	-	-	-	-	-	-	-
December 6, 2008	-	-	-	-	-	-	-
December 7, 2008	-	-	-	-	-	-	-
December 8, 2008	-	-	-	-	-	-	-
December 9, 2008	-	-	-	-	-	-	-
December 10, 2008	-	-	-	-	-	-	-
December 11, 2008	-	-	-	-	-	-	-
December 12, 2008	-	-	-	-	-	-	-
December 13, 2008	-	-	-	-	-	-	-
December 14, 2008	-	-	-	-	-	-	-
December 15, 2008	-	-	-	-	-	-	-
December 16, 2008	-	-	-	-	-	-	-
December 17, 2008	-	-	-	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
December 18, 2008	-	-	-	-	-	-	-
December 19, 2008	-	-	-	-	-	-	-
December 20, 2008	-	-	-	-	-	-	-
December 21, 2008	-	-	-	-	-	-	-
December 22, 2008	-	-	-	-	-	-	-
December 23, 2008	-	-	-	-	-	-	-
December 24, 2008	-	-	-	-	-	-	-
December 25, 2008	-	-	-	-	-	-	-
December 26, 2008	-	-	-	-	-	-	-
December 27, 2008	-	-	-	-	-	-	-
December 28, 2008	-	-	-	-	-	-	-
December 29, 2008	-	-	-	-	-	-	-
December 30, 2008	-	-	-	-	-	-	-
December 31, 2008	-	-	-	-	-	-	-
January 1, 2009	-	-	-	-	-	-	-
January 2, 2009	-	-	-	-	-	-	-
January 3, 2009	-	-	-	-	-	-	-
January 4, 2009	-	-	-	-	-	-	-
January 5, 2009	-	-	-	-	-	-	-
January 6, 2009	-	-	-	-	-	-	-
January 7, 2009	-	-	-	-	-	-	-
January 8, 2009	-	-	-	-	-	-	-
January 9, 2009	-	-	-	-	-	-	-
January 10, 2009	-	-	-	-	-	-	-
January 11, 2009	-	-	-	-	-	-	-
January 12, 2009	-	-	-	-	-	-	-
January 13, 2009	-	-	-	-	-	-	-
January 14, 2009	-	-	-	-	-	-	-
January 15, 2009	-	-	-	-	-	-	-
January 16, 2009	-	-	-	-	-	-	-
January 17, 2009	-	-	-	-	-	-	-
January 18, 2009	-	-	-	-	-	-	-
January 19, 2009	-	-	-	-	-	-	-
January 20, 2009	-	-	-	-	-	-	-
January 21, 2009	-	-	-	-	-	-	-
January 22, 2009	-	-	-	-	-	-	-
January 23, 2009	-	-	-	-	-	-	-
January 24, 2009	-	-	-	-	-	-	-
January 25, 2009	-	-	-	-	-	-	-
January 26, 2009	-	-	-	-	-	-	-
January 27, 2009	-	-	-	-	-	-	-
January 28, 2009	-	-	-	-	-	-	-
January 29, 2009	-	-	-	-	-	-	-
January 30, 2009	-	-	-	-	-	-	-
January 31, 2009	-	-	-	-	-	-	-
February 1, 2009	-	-	-	-	-	-	-
February 2, 2009	-	-	-	-	-	-	-
February 3, 2009	-	-	-	-	-	-	-
February 4, 2009	-	-	-	-	-	-	-
February 5, 2009	-	-	-	-	-	-	-
February 6, 2009	-	-	-	-	-	-	-
February 7, 2009	-	-	-	-	-	-	-
February 8, 2009	-	-	-	-	-	-	-
February 9, 2009	-	-	-	-	-	-	-
February 10, 2009	-	-	-	-	-	-	-
February 11, 2009	0	-	5.67	-	-	-	-
February 12, 2009	0.1	-	6.31	-	-	-	-
February 13, 2009	0.1	-	4.78	-	-	-	-
February 14, 2009	-	-	-	-	-	-	-
February 15, 2009	-	-	-	-	-	-	-
February 16, 2009	0	-	1.21	-	-	-	-
February 17, 2009	0	-	4.35	-	-	-	-
February 18, 2009	0.1	-	2.20	-	-	-	-
February 19, 2009	0.1	-	2.63	-	-	-	-
February 20, 2009	-	-	-	-	-	-	-
February 21, 2009	0	-	3.71	-	-	-	-
February 22, 2009	0	-	2.16	-	-	-	-
February 23, 2009	0	-	4.48	-	-	-	-
February 24, 2009	0	-	3.43	-	-	-	-
February 25, 2009	0	-	4.78	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
February 26, 2009	0	-	5.73	-	-	-	-
February 27, 2009	0	-	5.25	-	-	-	-
February 28, 2009	0	-	6.48	-	-	-	-
March 1, 2009	0	-	3.12	-	-	-	-
March 2, 2009	-	-	-	-	-	-	-
March 3, 2009	0	-	4.93	-	-	-	-
March 4, 2009	0	-	5.49	-	-	-	-
March 5, 2009	0	-	12.54	-	-	-	-
March 6, 2009	0	-	13.37	-	-	-	-
March 7, 2009	0	-	5.59	-	-	-	-
March 8, 2009	0	-	1.81	-	-	-	-
March 9, 2009	0	-	2.14	-	-	-	-
March 10, 2009	0	-	2.60	-	-	-	-
March 11, 2009	0	-	5.61	-	-	-	-
March 12, 2009	0	-	4.37	-	-	-	-
March 13, 2009	0	-	4.57	-	-	-	-
March 14, 2009	0	-	4.52	-	-	-	-
March 15, 2009	0	-	7.28	-	-	-	-
March 16, 2009	0	-	1.37	-	-	-	-
March 17, 2009	0.2	-	4.72	-	-	-	-
March 18, 2009	0	-	5.92	-	-	-	-
March 19, 2009	0.1	-	6.37	-	-	-	-
March 20, 2009	0.2	-	6.53	-	-	-	-
March 21, 2009	0	-	8.20	-	-	-	-
March 22, 2009	0	-	3.96	-	-	-	-
March 23, 2009	0.2	-	4.29	-	-	-	-
March 24, 2009	0	-	3.36	-	-	-	-
March 25, 2009	0.1	-	4.81	-	-	-	-
March 26, 2009	0.1	-	4.66	-	-	-	-
March 27, 2009	0.1	-	3.46	-	-	-	-
March 28, 2009	0	-	10.93	-	-	-	-
March 29, 2009	0	-	6.17	-	-	-	-
March 30, 2009	0	-	2.25	-	-	-	-
March 31, 2009	0	-	8.46	-	-	-	-
April 1, 2009	0	-	3.36	-	-	-	-
April 2, 2009	0	-	3.38	-	-	-	-
April 3, 2009	0	-	1.62	-	-	-	-
April 4, 2009	0	-	2.85	-	-	-	-
April 5, 2009	0	-	6.57	-	-	-	-
April 6, 2009	0	-	2.48	-	-	-	-
April 7, 2009	0	-	9.91	-	-	-	-
April 8, 2009	0	-	7.97	-	-	-	-
April 9, 2009	0	-	5.47	-	-	-	-
April 10, 2009	0	-	5.78	-	-	-	-
April 11, 2009	0	-	6.80	-	-	-	-
April 12, 2009	0	-	4.20	-	-	-	-
April 13, 2009	0.2	-	6.33	-	-	-	-
April 14, 2009	0	-	4.84	-	-	-	-
April 15, 2009	0.1	-	4.74	-	-	-	-
April 16, 2009	0	-	1.46	-	-	-	-
April 17, 2009	0	-	4.90	-	-	-	-
April 18, 2009	0	-	4.22	-	-	-	-
April 19, 2009	0	-	4.75	-	-	-	-
April 20, 2009	0	-	2.44	-	-	-	-
April 21, 2009	0	-	5.57	-	-	-	-
April 22, 2009	0	-	3.11	-	-	-	-
April 23, 2009	0	-	8.56	-	-	-	-
April 24, 2009	0	-	4.84	-	-	-	-
April 25, 2009	0	-	3.17	-	-	-	-
April 26, 2009	0	-	3.35	-	-	-	-
April 27, 2009	0	-	5.57	-	-	-	-
April 28, 2009	0	-	4.74	-	-	-	-
April 29, 2009	0	-	2.15	-	-	-	-
April 30, 2009	0	-	1.61	-	-	-	-
May 1, 2009	0	-	2.07	-	-	-	-
May 2, 2009	0	-	2.56	-	-	-	-
May 3, 2009	0	-	4.01	-	-	-	-
May 4, 2009	0	-	2.36	-	-	-	-
May 5, 2009	0	-	2.58	-	-	-	-
May 6, 2009	0	-	0.84	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
May 7, 2009	0	-	4.40	-	-	-	-
May 8, 2009	0	-	6.55	-	-	-	-
May 9, 2009	0	-	2.47	-	-	-	-
May 10, 2009	0	-	1.03	-	-	-	-
May 11, 2009	0	-	1.92	-	-	-	-
May 12, 2009	0	-	2.98	-	-	-	-
May 13, 2009	0	-	1.91	-	-	-	-
May 14, 2009	0	-	1.63	-	-	-	-
May 15, 2009	0	-	1.82	-	-	-	-
May 16, 2009	0	-	5.52	-	-	-	-
May 17, 2009	0	-	8.33	-	-	-	-
May 18, 2009	0	-	4.01	-	-	-	-
May 19, 2009	0	-	3.13	-	-	-	-
May 20, 2009	0	-	2.68	-	-	-	-
May 21, 2009	0	-	4.10	-	-	-	-
May 22, 2009	0	-	4.23	-	-	-	-
May 23, 2009	0	-	2.45	-	-	-	-
May 24, 2009	0	-	2.81	-	-	-	-
May 25, 2009	0	-	3.94	-	-	-	-
May 26, 2009	0	-	4.34	-	-	-	-
May 27, 2009	0	-	4.79	-	-	-	-
May 28, 2009	0	-	3.68	-	-	-	-
May 29, 2009	0	-	2.50	-	-	-	-
May 30, 2009	0	-	4.05	-	-	-	-
May 31, 2009	0	-	2.66	-	-	-	-
June 1, 2009	0	-	4.69	-	-	-	-
June 2, 2009	0	-	2.93	-	-	-	-
June 3, 2009	0	-	3.36	-	-	-	-
June 4, 2009	0	-	5.69	-	-	-	-
June 5, 2009	0	-	2.59	-	-	-	-
June 6, 2009	0	-	2.17	-	-	-	-
June 7, 2009	0	-	3.12	-	-	-	-
June 8, 2009	0	-	1.84	-	-	-	-
June 9, 2009	0	-	4.41	-	-	-	-
June 10, 2009	0	-	11.24	-	-	-	-
June 11, 2009	0	-	10.87	-	-	-	-
June 12, 2009	0	-	6.72	-	-	-	-
June 13, 2009	0	-	7.58	-	-	-	-
June 14, 2009	0	-	8.08	-	-	-	-
June 15, 2009	0	-	5.04	-	-	-	-
June 16, 2009	0	-	6.56	-	-	-	-
June 17, 2009	0	-	5.56	-	-	-	-
June 18, 2009	0	-	3.71	-	-	-	-
June 19, 2009	0	-	5.63	-	-	-	-
June 20, 2009	0	-	3.65	-	-	-	-
June 21, 2009	0	-	5.09	-	-	-	-
June 22, 2009	0	-	4.24	-	-	-	-
June 23, 2009	0	-	3.10	-	-	-	-
June 24, 2009	0	-	3.47	-	-	-	-
June 25, 2009	0	-	4.31	-	-	-	-
June 26, 2009	0	-	4.90	-	-	-	-
June 27, 2009	0	-	7.48	-	-	-	-
June 28, 2009	0	-	1.73	-	-	-	-
June 29, 2009	0	-	6.39	-	-	-	-
June 30, 2009	0	-	4.94	-	-	-	-
July 1, 2009	0	-	7.11	-	-	-	-
July 2, 2009	0	-	6.09	-	-	-	-
July 3, 2009	0	-	3.34	-	-	-	-
July 4, 2009	0	-	3.35	-	-	-	-
July 5, 2009	0	-	5.91	-	-	-	-
July 6, 2009	0	-	6.69	-	-	-	-
July 7, 2009	0	-	2.47	-	-	-	-
July 8, 2009	0	-	5.14	-	-	-	-
July 9, 2009	0	-	6.65	-	-	-	-
July 10, 2009	0	-	4.54	-	-	-	-
July 11, 2009	0	-	3.37	-	-	-	-
July 12, 2009	0	-	3.41	-	-	-	-
July 13, 2009	0	-	4.13	-	-	-	-
July 14, 2009	0	-	3.89	-	-	-	-
July 15, 2009	0	-	5.77	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
July 16, 2009	0	-	5.30	-	-	-	-
July 17, 2009	0	-	3.83	-	-	-	-
July 18, 2009	0	-	3.94	-	-	-	-
July 19, 2009	0	-	4.19	-	-	-	-
July 20, 2009	0	-	2.79	-	-	-	-
July 21, 2009	0	-	4.13	-	-	-	-
July 22, 2009	0	-	4.57	-	-	-	-
July 23, 2009	0	-	3.42	-	-	-	-
July 24, 2009	0	-	4.75	-	-	-	-
July 25, 2009	0	-	5.52	-	-	-	-
July 26, 2009	0	-	3.24	-	-	-	-
July 27, 2009	0	-	4.07	-	-	-	-
July 28, 2009	0	-	1.41	-	-	-	-
July 29, 2009	0	-	3.94	-	-	-	-
July 30, 2009	0	-	2.39	-	-	-	-
July 31, 2009	0	-	2.46	-	-	-	-
August 1, 2009	0	-	2.87	-	-	-	-
August 2, 2009	0	-	3.39	-	-	-	-
August 3, 2009	0	-	4.38	-	-	-	-
August 4, 2009	0	-	4.25	-	-	-	-
August 5, 2009	0	-	7.26	-	-	-	-
August 6, 2009	0	-	2.10	-	-	-	-
August 7, 2009	0	-	2.30	-	-	-	-
August 8, 2009	0	-	2.88	-	-	-	-
August 9, 2009	0	-	2.13	-	-	-	-
August 10, 2009	0	-	3.60	-	-	-	-
August 11, 2009	0	-	2.17	-	-	-	-
August 12, 2009	0	-	2.62	-	-	-	-
August 13, 2009	0	-	7.65	-	-	-	-
August 14, 2009	0	-	4.03	-	-	-	-
August 15, 2009	0	-	2.77	-	-	-	-
August 16, 2009	0	-	4.13	-	-	-	-
August 17, 2009	-	-	-	-	-	-	-
August 18, 2009	-	-	-	-	-	-	-
August 19, 2009	-	-	-	-	-	-	-
August 20, 2009	-	-	-	-	-	-	-
August 21, 2009	-	-	-	-	-	-	-
August 22, 2009	-	-	-	-	-	-	-
August 23, 2009	-	-	-	-	-	-	-
August 24, 2009	-	-	-	-	-	-	-
August 25, 2009	-	-	-	-	-	-	-
August 26, 2009	-	-	-	-	-	-	-
August 27, 2009	-	-	-	-	-	-	-
August 28, 2009	-	-	-	-	-	-	-
August 29, 2009	-	-	-	-	-	-	-
August 30, 2009	-	-	-	-	-	-	-
August 31, 2009	-	-	-	-	-	-	-
September 1, 2009	-	-	-	-	-	-	-
September 2, 2009	-	-	-	-	-	-	-
September 3, 2009	-	-	-	-	-	-	-
September 4, 2009	-	-	-	-	-	-	-
September 5, 2009	-	-	-	-	-	-	-
September 6, 2009	-	-	-	-	-	-	-
September 7, 2009	-	-	-	-	-	-	-
September 8, 2009	-	-	-	-	-	-	-
September 9, 2009	-	-	-	-	-	-	-
September 10, 2009	-	-	-	-	-	-	-
September 11, 2009	-	-	-	-	-	-	-
September 12, 2009	-	-	-	-	-	-	-
September 13, 2009	-	-	-	-	-	-	-
September 14, 2009	-	-	-	-	-	-	-
September 15, 2009	-	-	-	-	-	-	-
September 16, 2009	-	-	-	-	-	-	-
September 17, 2009	-	-	-	-	-	-	-
September 18, 2009	-	-	-	-	-	-	-
September 19, 2009	-	-	-	-	-	-	-
September 20, 2009	-	-	-	-	-	-	-
September 21, 2009	-	-	-	-	-	-	-
September 22, 2009	-	-	-	-	-	-	-
September 23, 2009	0	-	9.74	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
September 24, 2009	0	-	12.17	-	-	-	-
September 25, 2009	0	-	9.81	-	-	-	-
September 26, 2009	0	-	8.75	-	-	-	-
September 27, 2009	0	-	4.26	-	-	-	-
September 28, 2009	0	-	3.10	-	-	-	-
September 29, 2009	0	-	1.78	-	-	-	-
September 30, 2009	-	-	-	-	-	-	-
October 1, 2009	-	-	-	-	-	-	-
October 2, 2009	-	-	-	-	-	-	-
October 3, 2009	0	-	5.97	-	-	-	-
October 4, 2009	0	-	7.36	-	-	-	-
October 5, 2009	0	-	5.23	-	-	-	-
October 6, 2009	0	-	4.22	-	-	-	-
October 7, 2009	-	-	-	-	-	-	-
October 8, 2009	0	-	7.73	-	-	-	-
October 9, 2009	0	-	7.12	-	-	-	-
October 10, 2009	0	-	4.84	-	-	-	-
October 11, 2009	0	-	6.23	-	-	-	-
October 12, 2009	0	-	5.15	-	-	-	-
October 13, 2009	-	-	-	-	-	-	-
October 14, 2009	-	-	-	-	-	-	-
October 15, 2009	-	-	-	-	-	-	-
October 16, 2009	0	-	1.84	-	-	-	-
October 17, 2009	-	-	-	-	-	-	-
October 18, 2009	-	-	-	-	-	-	-
October 19, 2009	0	-	11.20	-	-	-	-
October 20, 2009	0	-	2.15	-	-	-	-
October 21, 2009	-	-	-	-	-	-	-
October 22, 2009	0	-	6.23	-	-	-	-
October 23, 2009	-	-	-	-	-	-	-
October 24, 2009	-	-	-	-	-	-	-
October 25, 2009	-	-	-	-	-	-	-
October 26, 2009	-	-	-	-	-	-	-
October 27, 2009	-	-	-	-	-	-	-
October 28, 2009	-	-	-	-	-	-	-
October 29, 2009	0	-	8.23	-	-	-	-
October 30, 2009	-	-	-	-	-	-	-
October 31, 2009	-	-	-	-	-	-	-
November 1, 2009	-	-	-	-	-	-	-
November 2, 2009	-	-	-	-	-	-	-
November 3, 2009	-	-	-	-	-	-	-
November 4, 2009	-	-	-	-	-	-	-
November 5, 2009	0	-	3.92	-	-	-	-
November 6, 2009	-	-	-	-	-	-	-
November 7, 2009	-	-	-	-	-	-	-
November 8, 2009	-	-	-	-	-	-	-
November 9, 2009	-	-	-	-	-	-	-
November 10, 2009	-	-	-	-	-	-	-
November 11, 2009	-	-	-	-	-	-	-
November 12, 2009	-	-	-	-	-	-	-
November 13, 2009	-	-	-	-	-	-	-
November 14, 2009	-	-	-	-	-	-	-
November 15, 2009	-	-	-	-	-	-	-
November 16, 2009	-	-	-	-	-	-	-
November 17, 2009	-	-	-	-	-	-	-
November 18, 2009	-	-	-	-	-	-	-
November 19, 2009	-	-	-	-	-	-	-
November 20, 2009	-	-	-	-	-	-	-
November 21, 2009	-	-	-	-	-	-	-
November 22, 2009	-	-	-	-	-	-	-
November 23, 2009	-	-	-	-	-	-	-
November 24, 2009	-	-	-	-	-	-	-
November 25, 2009	-	-	-	-	-	-	-
November 26, 2009	-	-	-	-	-	-	-
November 27, 2009	-	-	-	-	-	-	-
November 28, 2009	-	-	-	-	-	-	-
November 29, 2009	-	-	-	-	-	-	-
November 30, 2009	-	-	-	-	-	-	-
December 1, 2009	-	-	-	-	-	-	-
December 2, 2009	-	-	-	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
December 3, 2009	-	-	-	-	-	-	-
December 4, 2009	-	-	-	-	-	-	-
December 5, 2009	-	-	-	-	-	-	-
December 6, 2009	-	-	-	-	-	-	-
December 7, 2009	-	-	-	-	-	-	-
December 8, 2009	-	-	-	-	-	-	-
December 9, 2009	-	-	-	-	-	-	-
December 10, 2009	-	-	-	-	-	-	-
December 11, 2009	-	-	-	-	-	-	-
December 12, 2009	-	-	-	-	-	-	-
December 13, 2009	-	-	-	-	-	-	-
December 14, 2009	-	-	-	-	-	-	-
December 15, 2009	-	-	-	-	-	-	-
December 16, 2009	-	-	-	-	-	-	-
December 17, 2009	-	-	-	-	-	-	-
December 18, 2009	-	-	-	-	-	-	-
December 19, 2009	-	-	-	-	-	-	-
December 20, 2009	-	-	-	-	-	-	-
December 21, 2009	-	-	-	-	-	-	-
December 22, 2009	-	-	-	-	-	-	-
December 23, 2009	-	-	-	-	-	-	-
December 24, 2009	-	-	-	-	-	-	-
December 25, 2009	-	-	-	-	-	-	-
December 26, 2009	-	-	-	-	-	-	-
December 27, 2009	-	-	-	-	-	-	-
December 28, 2009	-	-	-	-	-	-	-
December 29, 2009	-	-	-	-	-	-	-
December 30, 2009	-	-	-	-	-	-	-
December 31, 2009	-	-	-	-	-	-	-
January 1, 2010	-	-	-	-	-	-	-
January 2, 2010	-	-	-	-	-	-	-
January 3, 2010	-	-	-	-	-	-	-
January 4, 2010	-	-	-	-	-	-	-
January 5, 2010	-	-	-	-	-	-	-
January 6, 2010	-	-	-	-	-	-	-
January 7, 2010	-	-	-	-	-	-	-
January 8, 2010	-	-	-	-	-	-	-
January 9, 2010	-	-	-	-	-	-	-
January 10, 2010	-	-	-	-	-	-	-
January 11, 2010	-	-	-	-	-	-	-
January 12, 2010	-	-	-	-	-	-	-
January 13, 2010	-	-	-	-	-	-	-
January 14, 2010	-	-	-	-	-	-	-
January 15, 2010	-	-	-	-	-	-	-
January 16, 2010	-	-	-	-	-	-	-
January 17, 2010	-	-	-	-	-	-	-
January 18, 2010	-	-	-	-	-	-	-
January 19, 2010	-	-	-	-	-	-	-
January 20, 2010	-	-	-	-	-	-	-
January 21, 2010	-	-	-	-	-	-	-
January 22, 2010	-	-	-	-	-	-	-
January 23, 2010	-	-	-	-	-	-	-
January 24, 2010	-	-	-	-	-	-	-
January 25, 2010	-	-	-	-	-	-	-
January 26, 2010	-	-	-	-	-	-	-
January 27, 2010	-	-	-	-	-	-	-
January 28, 2010	-	-	-	-	-	-	-
January 29, 2010	-	-	-	-	-	-	-
January 30, 2010	-	-	-	-	-	-	-
January 31, 2010	-	-	-	-	-	-	-
February 1, 2010	-	-	-	-	-	-	-
February 2, 2010	-	-	-	-	-	-	-
February 3, 2010	-	-	-	-	-	-	-
February 4, 2010	-	-	-	-	-	-	-
February 5, 2010	-	-	-	-	-	-	-
February 6, 2010	-	-	-	-	-	-	-
February 7, 2010	-	-	-	-	-	-	-
February 8, 2010	-	-	-	-	-	-	-
February 9, 2010	-	-	-	-	-	-	-
February 10, 2010	-	-	-	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
February 11, 2010	0	-	0.87	-	-	-	-
February 12, 2010	-	-	-	-	-	-	-
February 13, 2010	-	-	-	-	-	-	-
February 14, 2010	-	-	-	-	-	-	-
February 15, 2010	0	-	4.60	-	-	-	-
February 16, 2010	-	-	-	-	-	-	-
February 17, 2010	-	-	-	-	-	-	-
February 18, 2010	0	-	2.86	-	-	-	-
February 19, 2010	0	-	5.47	-	-	-	-
February 20, 2010	0	-	8.87	-	-	-	-
February 21, 2010	0	-	5.23	-	-	-	-
February 22, 2010	-	-	-	-	-	-	-
February 23, 2010	0	-	13.85	-	-	-	-
February 24, 2010	-	-	-	-	-	-	-
February 25, 2010	0	-	6.75	-	-	-	-
February 26, 2010	0	-	10.18	-	-	-	-
February 27, 2010	0	-	2.27	-	-	-	-
February 28, 2010	0	-	4.62	-	-	-	-
March 1, 2010	0	-	5.71	-	-	-	-
March 2, 2010	0	-	3.90	-	-	-	-
March 3, 2010	0	-	3.28	-	-	-	-
March 4, 2010	0	-	4.69	-	-	-	-
March 5, 2010	0	-	1.49	-	-	-	-
March 6, 2010	0	-	4.16	-	-	-	-
March 7, 2010	0	-	3.47	-	-	-	-
March 8, 2010	0	-	5.05	-	-	-	-
March 9, 2010	0	-	1.66	-	-	-	-
March 10, 2010	0	-	7.42	-	-	-	-
March 11, 2010	0	-	4.08	-	-	-	-
March 12, 2010	0	-	8.59	-	-	-	-
March 13, 2010	0	-	5.29	-	-	-	-
March 14, 2010	0	-	2.30	-	-	-	-
March 15, 2010	0	-	4.30	-	-	-	-
March 16, 2010	0	-	4.64	-	-	-	-
March 17, 2010	0	-	2.81	-	-	-	-
March 18, 2010	0	-	2.95	-	-	-	-
March 19, 2010	0	-	1.17	-	-	-	-
March 20, 2010	0	-	5.24	-	-	-	-
March 21, 2010	0	-	9.14	-	-	-	-
March 22, 2010	0	-	4.00	-	-	-	-
March 23, 2010	0	-	3.10	-	-	-	-
March 24, 2010	0	-	4.12	-	-	-	-
March 25, 2010	0	-	4.75	-	-	-	-
March 26, 2010	0	-	7.89	-	-	-	-
March 27, 2010	0	-	11.50	-	-	-	-
March 28, 2010	0	-	15.36	-	-	-	-
March 29, 2010	0	-	13.00	-	-	-	-
March 30, 2010	0	-	2.77	-	-	-	-
March 31, 2010	0	-	3.89	-	-	-	-
April 1, 2010	0	-	4.62	-	-	-	-
April 2, 2010	0	-	4.24	-	-	-	-
April 3, 2010	0	-	5.20	-	-	-	-
April 4, 2010	0	-	3.65	-	-	-	-
April 5, 2010	0	-	4.16	-	-	-	-
April 6, 2010	0	-	3.24	-	-	-	-
April 7, 2010	0	-	3.36	-	-	-	-
April 8, 2010	0	-	10.94	-	-	-	-
April 9, 2010	0	-	5.68	-	-	-	-
April 10, 2010	0	-	5.22	-	-	-	-
April 11, 2010	0	-	7.67	-	-	-	-
April 12, 2010	0	-	3.68	-	-	-	-
April 13, 2010	0	-	3.91	-	-	-	-
April 14, 2010	0	-	9.74	-	-	-	-
April 15, 2010	0	-	16.75	-	-	-	-
April 16, 2010	0	-	7.59	-	-	-	-
April 17, 2010	0	-	3.66	-	-	-	-
April 18, 2010	0	-	3.55	-	-	-	-
April 19, 2010	0	-	4.49	-	-	-	-
April 20, 2010	0	-	2.99	-	-	-	-
April 21, 2010	0	-	3.15	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
April 22, 2010	0	-	4.30	-	-	-	-
April 23, 2010	0	-	5.79	-	-	-	-
April 24, 2010	0	-	5.34	-	-	-	-
April 25, 2010	0	-	4.75	-	-	-	-
April 26, 2010	0	-	4.15	-	-	-	-
April 27, 2010	0	-	3.20	-	-	-	-
April 28, 2010	0	-	7.10	-	-	-	-
April 29, 2010	0	-	2.51	-	-	-	-
April 30, 2010	0	-	4.69	-	-	-	-
May 1, 2010	0	-	5.48	-	-	-	-
May 2, 2010	0	-	2.97	-	-	-	-
May 3, 2010	0	-	5.20	-	-	-	-
May 4, 2010	0	-	3.25	-	-	-	-
May 5, 2010	0	-	3.45	-	-	-	-
May 6, 2010	0	-	3.86	-	-	-	-
May 7, 2010	0	-	3.22	-	-	-	-
May 8, 2010	0	-	4.54	-	-	-	-
May 9, 2010	0	-	6.07	-	-	-	-
May 10, 2010	0	-	7.48	-	-	-	-
May 11, 2010	0	-	14.19	-	-	-	-
May 12, 2010	0	-	3.76	-	-	-	-
May 13, 2010	0	-	13.33	-	-	-	-
May 14, 2010	0	-	9.00	-	-	-	-
May 15, 2010	0	-	9.93	-	-	-	-
May 16, 2010	0	-	8.05	-	-	-	-
May 17, 2010	0	-	3.26	-	-	-	-
May 18, 2010	0	-	8.07	-	-	-	-
May 19, 2010	0	-	7.22	-	-	-	-
May 20, 2010	0	-	2.49	-	-	-	-
May 21, 2010	0	-	3.25	-	-	-	-
May 22, 2010	0	-	3.89	-	-	-	-
May 23, 2010	0	-	3.75	-	-	-	-
May 24, 2010	0	-	3.60	-	-	-	-
May 25, 2010	0	-	2.41	-	-	-	-
May 26, 2010	0	-	1.71	-	-	-	-
May 27, 2010	0	-	2.53	-	-	-	-
May 28, 2010	0	-	4.70	-	-	-	-
May 29, 2010	0	-	9.85	-	-	-	-
May 30, 2010	0	-	9.32	-	-	-	-
May 31, 2010	0	-	2.06	-	-	-	-
June 1, 2010	0	-	2.26	-	-	-	-
June 2, 2010	0	-	2.75	-	-	-	-
June 3, 2010	0	-	3.46	-	-	-	-
June 4, 2010	0	-	8.23	-	-	-	-
June 5, 2010	0	-	4.53	-	-	-	-
June 6, 2010	0	-	3.38	-	-	-	-
June 7, 2010	0	-	10.70	-	-	-	-
June 8, 2010	0	-	5.97	-	-	-	-
June 9, 2010	0	-	4.82	-	-	-	-
June 10, 2010	0	-	2.09	-	-	-	-
June 11, 2010	0	-	3.33	-	-	-	-
June 12, 2010	0	-	5.04	-	-	-	-
June 13, 2010	0	-	4.70	-	-	-	-
June 14, 2010	0	-	3.69	-	-	-	-
June 15, 2010	0	-	4.46	-	-	-	-
June 16, 2010	0	-	4.07	-	-	-	-
June 17, 2010	0	-	3.39	-	-	-	-
June 18, 2010	0	-	2.44	-	-	-	-
June 19, 2010	0	-	3.69	-	-	-	-
June 20, 2010	0	-	6.03	-	-	-	-
June 21, 2010	0	-	3.58	-	-	-	-
June 22, 2010	0	-	4.01	-	-	-	-
June 23, 2010	0	-	2.78	-	-	-	-
June 24, 2010	0	-	2.65	-	-	-	-
June 25, 2010	0	-	5.89	-	-	-	-
June 26, 2010	0	-	4.45	-	-	-	-
June 27, 2010	0	-	4.61	-	-	-	-
June 28, 2010	0	-	6.06	-	-	-	-
June 29, 2010	0	-	6.57	-	-	-	-
June 30, 2010	0	-	4.87	-	-	-	-

Appendix A5 - Steensby - Daily Averages

Date	Rain Daily Total	Relative Humidity Average	Wind Speed Average	Average Dew Point	Average Heat Index	Average Air Temp	Average Wind Chill
	(mm)	(%)	(m/s)	(°C)	(°C)	(°C)	(°C)
July 1, 2010	0	-	3.27	-	-	-	-
July 2, 2010	0	-	2.46	-	-	-	-
July 3, 2010	0	-	2.79	-	-	-	-
July 4, 2010	0	-	4.86	-	-	-	-
July 5, 2010	0	-	3.37	-	-	-	-
July 6, 2010	0	-	5.10	-	-	-	-
July 7, 2010	0	-	2.83	-	-	-	-

Notes:

1. Meteorological station set up on June 19, 2006.
2. Station data includes hourly records up to July 7, 2010 at the time of this report.
3. No data available between Aug 14, 2008 - Sept 19, 2008; Nov 19, 2008 - Feb 10, 2009; Aug 17, 2009 - Sept 22, 2009 and Nov 6, 2009 - Feb 10, 2010.
4. The meteorological station was moved on September 14, 2006.
5. No data is available for September 14 and 15, 2006 due to the relocation of the station 1km inland
6. Daily averages calculated on days where >18 hours data available.
7. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations. Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2008 to end of record.
8. Erroneous Relative Humidity readings < 0 or > 100 were not included in summary calculations.
9. Hourly data with erroneous dates removed (Null Year value or Year value < 2000)

Appendix A6 - Steensby - Hourly Maximums and Minimums by Month				
Date	Rain Maximum	Maximum Wind Speed	Maximum Air Temperature	Minimum Air Temperature
	(mm)	(m/s)	(°C)	(°C)
June 2006	0.8	17.4	9.7	1.5
July 2006	2.9	21.4	19.4	1.5
August 2006	1.3	20.2	16.7	2.1
September 2006	3.9	20.8	9.0	-0.9
October 2006	0.9	24.3	5.1	-10.8
November 2006	0.0	15.6	-4.1	-28.8
December 2006	0.0	16.2	-13.3	-39.4
January 2007	0.0	15.2	-11.9	-39.1
February 2007	0.0	21.0	-9.3	-38.5
March 2007	0.0	19.3	-11.7	-43.3
April 2007	0.1	16.9	-10.4	-59.1
May 2007	0.2	18.6	-2.2	-25.5
June 2007	0.1	19.1	14.6	-13.0
July 2007	2.7	16.3	18.6	2.6
August 2007	1.3	15.1	14.0	2.0
September 2007	0.7	19.0	9.4	-6.8
October 2007	0.6	20.7	0.9	-18.6
November 2007	0.0	27.5	-5.4	-29.1
December 2007	0.0	16.5	-11.1	-39.1
January 2008	0.0	21.0	-4.0	-43.2
February 2008	0.0	21.0	-3.6	-48.9
March 2008	0.0	16.7	-13.3	-42.6
April 2008	0.1	18.4	-3.6	-31.0
May 2008	1.3	17.0	6.7	-16.1
June 2008	2.1	19.2	14.3	-3.9
July 2008	3.4	43.0	17.1	1.7
August 2008	0.1	9.0	19.3	2.6
September 2008	0.3	21.5	2.9	-10.4
October 2008	0.9	168.7	0.7	-42.5
November 2008	0.0	12.1	-	-
December 2008	-	-	-	-
January 2009	-	-	-	-
February 2009	0.1	9.0	-	-
March 2009	0.2	18.6	-	-
April 2009	0.2	14.9	-	-
May 2009	0.0	16.7	-	-
June 2009	0.0	17.0	-	-
July 2009	0.0	24.9	72.8	-21.6
August 2009	0.0	38.8	-21.6	-21.6
September 2009	0.0	17.1	-	-
October 2009	0.0	13.8	-	-
November 2009	0.0	4.9	-	-
December 2009	-	-	-	-
January 2010	-	-	-	-
February 2010	0.0	16.4	-	-
March 2010	0.0	23.0	-	-
April 2010	0.0	22.0	-	-
May 2010	0.0	20.9	-	-
June 2010	0.0	25.6	-	-
July 2010	0.0	8.1	-	-

Notes:

1. Meteorological station set up on June 19, 2006.
2. Station data includes hourly records up to July 7, 2010 at the time of this report.
3. No data available between Aug 14, 2008 - Sept 19, 2008; Nov 19, 2008 - Feb 10, 2009; Aug 17, 2009 - Sept 22, 2009 and Nov 6, 2009 - Feb 10, 2010.
4. The meteorological station was moved on September 14, 2006.
5. No data is available for September 14 and 15, 2006 due to the relocation of the station 1km inland
6. Daily averages calculated on days where >18 hours data available.
7. Erroneous Air Temperature readings of < -70°C, or <-30°C between the months of May and August and other data derived from these Air Temperature readings were not included in summary calculations.
Intermittent/ongoing errors in Air Temperature data were particularly problematic from August 2008 to end of record.
8. Erroneous Relative Humidity readings < 0 or > 100 were not included in summary calculations.
9. Hourly data with erroneous dates removed (Null Year value or Year value < 2000)
10. Minimum Rain for each month is 0.
11. Minimum Wind Speed for each month is 0.

<i>Appendix A7 - Maximum and Minimum Hourly Summary</i>								
Station	Date	Rain Maximum	Date	Maximum Wind Speed	Date	Maximum Air Temperature	Date	Minimum Air Temperature
		(mm)		(m/s)		(°C)		(°C)
Mary River	Sunday, July 01, 2007	5.3	Sunday, November 18, 2007	22.73	Tuesday, July 28, 2009	22.78	Saturday, February 09, 2008	-49.28
Milne Inlet	Tuesday, July 22, 2008	7.4	Sunday, November 18, 2007	31.66	Sunday, July 26, 2009	22.27	Friday, February 08, 2008	-46.89
Steensby	Saturday, September 02, 2006	3.9	Sunday, November 18, 2007	21.97	Saturday, July 29, 2006	19.37	Saturday, February 09, 2008	-48.94

1. Minimum Rain for each month is 0.
2. Minimum Wind Speed for each month is 0.

APPENDIX B

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
May 1, 1963	-11.1	-21.1	-16.1	34.1	0	0	0	0
May 2, 1963	-10	-20	-15	33	0	0	0	0
May 3, 1963	-11.7	-22.2	-17	35	0	0	0	0
May 4, 1963	-11.1	-23.4	-17.3	35.3	0	0	0	0
May 5, 1963	M	M	M	M	M	0	1.3	1.3
May 6, 1963	-6.1	-11.7	-8.9	26.9	0	0	0	0
May 7, 1963	-1.1	-13.3	-7.2	25.2	0	0	0	0
May 8, 1963	-1.1	-10	-5.6	23.6	0	0	0	0
May 9, 1963	-3.3	-14.5	-8.9	26.9	0	0	0	0
May 10, 1963	-4.4	-16.1	-10.3	28.3	0	0	1.3	1.3
May 11, 1963	-1.7	-13.3	-7.5	25.5	0	0	1.3	1.3
May 12, 1963	-4.4	-10	-7.2	25.2	0	0	0.5	0.5
May 13, 1963	-12.2	-15.6	-13.9	31.9	0	0	T	T
May 14, 1963	-6.7	-19.5	-13.1	31.1	0	0	0	0
May 15, 1963	-8.3	-20	-14.2	32.2	0	0	0	0
May 16, 1963	-7.8	-20	-13.9	31.9	0	0	0	0
May 17, 1963	-11.1	-22.2	-16.7	34.7	0	0	0	0
May 18, 1963	-11.1	-16.7	-13.9	31.9	0	0	0	0
May 19, 1963	-11.1	-20.6	-15.9	33.9	0	0	0	0
May 20, 1963	-6.7	-17.8	-12.3	30.3	0	0	0	0
May 21, 1963	-9.5	-20	-14.8	32.8	0	0	1.3	1.3
May 22, 1963	-6.1	-17.8	-12	30	0	0	1.3	1.3
May 23, 1963	-3.9	-13.9	-8.9	26.9	0	0	0	0
May 24, 1963	-5.6	-15.6	-10.6	28.6	0	0	0	0
May 25, 1963	-6.1	-10.6	-8.4	26.4	0	0	1.3	1.3
May 26, 1963	-5.6	-10.6	-8.1	26.1	0	0	T	T
May 27, 1963	-3.9	-8.9	-6.4	24.4	0	0	0	0
May 28, 1963	-7.8	-10	-8.9	26.9	0	0	T	T
May 29, 1963	-2.8	-12.2	-7.5	25.5	0	0	1.3	1.3
May 30, 1963	2.2	-8.3	-3.1	21.1	0	T	1.3	1.3
May 31, 1963	-1.1	-3.3	-2.2	20.2	0	0	0	0
May 1963	-6.4	-15.3	-10.9	28.9	0.0	0.0	10.9	10.9
June 1, 1963	1.1	-5	-2	20	0	0	0	0
June 2, 1963	1.1	-6.1	-2.5	20.5	0	0	0	0
June 3, 1963	1.7	-3.3	-0.8	18.8	0	0	0	0
June 4, 1963	0	-6.7	-3.4	21.4	0	0	0	0
June 5, 1963	1.7	-2.2	-0.3	18.3	0	0	0	0
June 6, 1963	2.8	-3.3	-0.3	18.3	0	0	0	0
June 7, 1963	1.7	-5	-1.7	19.7	0	0	0	0
June 8, 1963	2.8	-5.6	-1.4	19.4	0	0	0	0
June 9, 1963	4.4	-6.7	-1.2	19.2	0	0	0	0
June 10, 1963	3.9	-0.6	1.7	16.3	0	0	0	0
June 11, 1963	7.8	-3.9	2	16	0	0	0	0
June 12, 1963	10	-1.1	4.5	13.5	0	0	0	0
June 13, 1963	10.6	-0.6	5	13	0	0	0	0
June 14, 1963	9.5	1.7	5.6	12.4	0	0	0	0
June 15, 1963	2.2	0	1.1	16.9	0	0	0	0
June 16, 1963	2.2	-2.2	0	18	0	0	T	T
June 17, 1963	3.9	-1.7	1.1	16.9	0	T	0	T
June 18, 1963	5.6	-0.6	2.5	15.5	0	0	0	0
June 19, 1963	6.1	-1.1	2.5	15.5	0	0	0	0
June 20, 1963	4.4	-2.2	1.1	16.9	0	0	0.3	0.3
June 21, 1963	6.7	1.7	4.2	13.8	0	0	0	0
June 22, 1963	7.2	2.2	4.7	13.3	0	0	0	0
June 23, 1963	7.2	1.1	4.2	13.8	0	0	0	0
June 24, 1963	7.8	2.2	5	13	0	0	0	0
June 25, 1963	8.3	0	4.2	13.8	0	0	0	0
June 26, 1963	10.6	1.7	6.2	11.8	0	0	0	0
June 27, 1963	3.3	0	1.7	16.3	0	T	0.3	0.3
June 28, 1963	5.6	1.1	3.4	14.6	0	0	0	0
June 29, 1963	7.8	0.6	4.2	13.8	0	0	0	0
June 30, 1963	8.3	1.7	5	13	0	0	0	0
June 1963	5.2	-1.5	1.9	16.1	0.0	0.0	0.6	0.6
July 1, 1963	4.4	-0.6	1.9	16.1	0	5.1	0	5.1
July 2, 1963	6.1	0	3.1	14.9	0	T	0	T
July 3, 1963	7.8	0.6	4.2	13.8	0	0	0	0
July 4, 1963	8.9	0.6	4.8	13.2	0	0	0	0

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
July 5, 1963	10	3.9	7	11	0	0	0	0
July 6, 1963	10	2.8	6.4	11.6	0	0	0	0
July 7, 1963	6.1	2.2	4.2	13.8	0	15.7	0	15.7
July 8, 1963	7.8	1.1	4.5	13.5	0	0.3	0	0.3
July 9, 1963	2.8	0	1.4	16.6	0	6.4	0	6.4
July 10, 1963	7.2	0	3.6	14.4	0	1.8	T	1.8
July 11, 1963	8.3	2.8	5.6	12.4	0	T	T	T
July 12, 1963	8.9	2.8	5.9	12.1	0	T	0	T
July 13, 1963	9.5	4.4	7	11	0	4.3	0	4.3
July 14, 1963	8.3	3.9	6.1	11.9	0	2.3	0	2.3
July 15, 1963	10.6	4.4	7.5	10.5	0	T	0	T
July 16, 1963	8.9	4.4	6.7	11.3	0	0	0	0
July 17, 1963	13.3	4.4	8.9	9.1	0	0	0	0
July 18, 1963	13.9	5.6	9.8	8.2	0	0	0	0
July 19, 1963	12.8	5.6	9.2	8.8	0	0	0	0
July 20, 1963	10.6	6.7	8.7	9.3	0	0	0	0
July 21, 1963	13.9	5.6	9.8	8.2	0	0	0	0
July 22, 1963	13.3	2.8	8.1	9.9	0	0	0	0
July 23, 1963	17.2	6.1	11.7	6.3	0	0	0	0
July 24, 1963	18.3	5.6	12	6	0	0	0	0
July 25, 1963	16.7	6.7	11.7	6.3	0	0	0	0
July 26, 1963	18.3	4.4	11.4	6.6	0	0	0	0
July 27, 1963	14.5	6.7	10.6	7.4	0	0	0	0
July 28, 1963	15	6.7	10.9	7.1	0	0	0	0
July 29, 1963	10.6	7.2	8.9	9.1	0	1.8	0	1.8
July 30, 1963	12.8	5	8.9	9.1	0	T	0	T
July 31, 1963	14.5	6.7	10.6	7.4	0	T	0	T
July 1963	11.0	3.8	7.5	10.5	0.0	37.7	0.0	37.7
August 1, 1963	15.6	7.2	11.4	6.6	0	8.1	0	8.1
August 2, 1963	11.1	2.8	7	11	0	0	0	0
August 3, 1963	9.5	2.8	6.2	11.8	0	5.3	0	5.3
August 4, 1963	5.6	3.3	4.5	13.5	0	13.7	0	13.7
August 5, 1963	9.5	2.2	5.9	12.1	0	T	0	T
August 6, 1963	9.5	3.9	6.7	11.3	0	0	0	0
August 7, 1963	12.2	5.6	8.9	9.1	0	0	0	0
August 8, 1963	13.3	6.1	9.7	8.3	0	0	0	0
August 9, 1963	12.8	4.4	8.6	9.4	0	0	0	0
August 10, 1963	16.1	3.9	10	8	0	0	0	0
August 11, 1963	13.9	6.7	10.3	7.7	0	T	0	T
August 12, 1963	10	5	7.5	10.5	0	0	0	0
August 13, 1963	9.5	4.4	7	11	0	0	0	0
August 14, 1963	9.5	3.9	6.7	11.3	0	0	0	0
August 15, 1963	10.6	3.9	7.3	10.7	0	0	0	0
August 16, 1963	11.7	1.1	6.4	11.6	0	0	0	0
August 17, 1963	7.2	3.9	5.6	12.4	0	0	0	0
August 18, 1963	11.1	4.4	7.8	10.2	0	0.8	0	0.8
August 19, 1963	15	7.8	11.4	6.6	0	T	0	T
August 20, 1963	11.7	5.6	8.7	9.3	0	0	0	0
August 21, 1963	12.8	1.7	7.3	10.7	0	0	0	0
August 22, 1963	10.6	5.6	8.1	9.9	0	0	0	0
August 23, 1963	8.3	5.6	7	11	0	T	0	T
August 24, 1963	7.2	1.1	4.2	13.8	0	0	0	0
August 25, 1963	5	-0.6	2.2	15.8	0	7.1	T	7.1
August 26, 1963	M	M	M	M	M	M	M	M
August 27, 1963	M	M	M	M	M	M	M	M
August 28, 1963	M	M	M	M	M	M	M	M
August 29, 1963	M	M	M	M	M	M	M	M
August 30, 1963	M	M	M	M	M	M	M	M
August 31, 1963	M	M	M	M	M	M	M	M
August 1963	10.772	4.092	7.456	10.544	0	35	0	35
April 1, 1964	-30	-40.6	-35.3	53.3	0	0	0	0
April 2, 1964	-22.8	-36.1	-29.5	47.5	0	0	0	0
April 3, 1964	-16.7	-33.9	-25.3	43.3	0	0	0	0
April 4, 1964	-13.3	-20.6	-17	35	0	0	0	0
April 5, 1964	-11.1	-18.9	-15	33	0	0	0	0
April 6, 1964	-25	-31.7	-28.4	46.4	0	0	0	0
April 7, 1964	-30.6	-37.3	-34	52	0	0	0	0

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
April 8, 1964	-28.4	-35.6	-32	50	0	0	0	0
April 9, 1964	-23.4	-36.1	-29.8	47.8	0	0	6.4	6.4
April 10, 1964	-21.1	-32.2	-26.7	44.7	0	0	0	0
April 11, 1964	-17.2	-23.4	-20.3	38.3	0	0	0	0
April 12, 1964	-21.1	-29.5	-25.3	43.3	0	0	0	0
April 13, 1964	-27.8	-33.4	-30.6	48.6	0	0	7.6	7.6
April 14, 1964	-25.6	-30.6	-28.1	46.1	0	0	0	0
April 15, 1964	-21.1	-29.5	-25.3	43.3	0	0	0	0
April 16, 1964	-27.2	-34.5	-30.9	48.9	0	0	0	0
April 17, 1964	-21.1	-36.1	-28.6	46.6	0	0	5.1	5.1
April 18, 1964	-20.6	-30	-25.3	43.3	0	0	T	T
April 19, 1964	-19.5	-37.8	-28.7	46.7	0	0	0	0
April 20, 1964	-18.9	-28.9	-23.9	41.9	0	0	0	0
April 21, 1964	-8.9	-32.8	-20.9	38.9	0	0	2.5	2.5
April 22, 1964	-8.3	-18.3	-13.3	31.3	0	0	5.1	5.1
April 23, 1964	-12.2	-17.8	-15	33	0	0	0	0
April 24, 1964	-11.7	-25	-18.4	36.4	0	0	0	0
April 25, 1964	-8.3	-16.7	-12.5	30.5	0	0	0	0
April 26, 1964	-8.9	-18.9	-13.9	31.9	0	0	3.8	3.8
April 27, 1964	-9.5	-18.9	-14.2	32.2	0	0	5.1	5.1
April 28, 1964	-5	-16.7	-10.9	28.9	0	0	0	0
April 29, 1964	-2.8	-12.2	-7.5	25.5	0	0	0	0
April 30, 1964	-8.3	-13.3	-10.8	28.8	0	0	0	0
April 1964	-17.5	-27.6	-22.6	40.6	0.0	0.0	35.6	35.6
May 1, 1964	-9.5	-17.8	-13.7	31.7	0	0	0	0
May 2, 1964	-12.2	-20.6	-16.4	34.4	0	0	0	0
May 3, 1964	-10.6	-19.5	-15.1	33.1	0	0	0	0
May 4, 1964	-8.9	-20.6	-14.8	32.8	0	0	0	0
May 5, 1964	-10	-17.8	-13.9	31.9	0	0	0	0
May 6, 1964	-12.2	-22.2	-17.2	35.2	0	0	0	0
May 7, 1964	-7.8	-19.5	-13.7	31.7	0	0	2.5	2.5
May 8, 1964	-2.8	-8.9	-5.9	23.9	0	0	1.3	1.3
May 9, 1964	-1.7	-8.9	-5.3	23.3	0	0	1.3	1.3
May 10, 1964	-6.7	-11.1	-8.9	26.9	0	0	0	0
May 11, 1964	-9.5	-19.5	-14.5	32.5	0	0	0	0
May 12, 1964	-13.3	-24.5	-18.9	36.9	0	0	0	0
May 13, 1964	-13.3	-22.2	-17.8	35.8	0	0	0	0
May 14, 1964	-10.6	-17.2	-13.9	31.9	0	0	0	0
May 15, 1964	-6.1	-16.1	-11.1	29.1	0	0	0	0
May 16, 1964	-5	-18.3	-11.7	29.7	0	0	0	0
May 17, 1964	-3.9	-17.2	-10.6	28.6	0	0	0	0
May 18, 1964	-3.9	-17.2	-10.6	28.6	0	0	0	0
May 19, 1964	-6.1	-17.8	-12	30	0	0	0	0
May 20, 1964	-2.2	-15.6	-8.9	26.9	0	0	0	0
May 21, 1964	-1.7	-15.6	-8.7	26.7	0	0	0	0
May 22, 1964	-2.2	-13.9	-8.1	26.1	0	0	0	0
May 23, 1964	1.1	-12.8	-5.9	23.9	0	0	0	0
May 24, 1964	-4.4	-12.2	-8.3	26.3	0	0	0	0
May 25, 1964	-6.7	-12.8	-9.8	27.8	0	0	0	0
May 26, 1964	-4.4	-9.5	-7	25	0	0	0	0
May 27, 1964	-3.3	-6.1	-4.7	22.7	0	0	0	0
May 28, 1964	-1.7	-6.7	-4.2	22.2	0	0	0	0
May 29, 1964	-1.7	-6.7	-4.2	22.2	0	0	0	0
May 30, 1964	-2.8	-12.2	-7.5	25.5	0	0	0	0
May 31, 1964	1.1	-9.5	-4.2	22.2	0	0	0	0
May 1964	-5.9	-15.2	-10.6	28.6	0.0	0.0	5.1	5.1
June 1, 1964	1.1	-4.4	-1.7	19.7	0	-	-	-
June 2, 1964	2.8	-6.7	-2	20	0	-	-	-
June 3, 1964	2.2	0	1.1	16.9	0	-	-	-
June 4, 1964	4.4	0	2.2	15.8	0	-	-	-
June 5, 1964	3.9	-0.6	1.7	16.3	0	-	-	-
June 6, 1964	5	0	2.5	15.5	0	-	-	-
June 7, 1964	2.8	1.1	2	16	0	-	-	-
June 8, 1964	3.9	1.7	2.8	15.2	0	-	-	-
June 9, 1964	2.2	0	1.1	16.9	0	-	-	-
June 10, 1964	2.8	0	1.4	16.6	0	-	-	-
June 11, 1964	5	0	2.5	15.5	0	-	-	-

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
June 12, 1964	6.7	0.6	3.7	14.3	0	-	-	-
June 13, 1964	2.2	0	1.1	16.9	0	-	-	-
June 14, 1964	0	-1.7	-0.9	18.9	0	-	-	-
June 15, 1964	1.1	-2.8	-0.9	18.9	0	-	-	-
June 16, 1964	1.1	-3.9	-1.4	19.4	0	-	-	-
June 17, 1964	3.3	-3.9	-0.3	18.3	0	-	-	-
June 18, 1964	4.4	-3.9	0.3	17.7	0	-	-	-
June 19, 1964	3.9	-1.1	1.4	16.6	0	-	-	-
June 20, 1964	5	-0.6	2.2	15.8	0	-	-	-
June 21, 1964	4.4	0.6	2.5	15.5	0	-	-	-
June 22, 1964	7.2	-0.6	3.3	14.7	0	-	-	-
June 23, 1964	5	2.2	3.6	14.4	0	-	-	-
June 24, 1964	6.1	1.7	3.9	14.1	0	-	-	-
June 25, 1964	5.6	0.6	3.1	14.9	0	-	-	-
June 26, 1964	4.4	2.2	3.3	14.7	0	-	-	-
June 27, 1964	2.2	-1.1	0.6	17.4	0	-	-	-
June 28, 1964	3.3	-1.1	1.1	16.9	0	-	-	-
June 29, 1964	2.8	-0.6	1.1	16.9	0	-	-	-
June 30, 1964	5.6	-1.1	2.3	15.7	0	-	-	-
June 1964	3.7	-0.8	1.5	16.5	0.0	-	-	-
July 1, 1964	2.2	0.6	1.4	16.6	0	-	0	-
July 2, 1964	5.6	-0.6	2.5	15.5	0	-	0	-
July 3, 1964	6.1	1.7	3.9	14.1	0	-	0	-
July 4, 1964	7.2	1.1	4.2	13.8	0	-	0	-
July 5, 1964	8.3	0	4.2	13.8	0	-	0	-
July 6, 1964	10	3.9	7	11	0	-	0	-
July 7, 1964	11.1	2.2	6.7	11.3	0	-	0	-
July 8, 1964	10.6	5.6	8.1	9.9	0	-	0	-
July 9, 1964	13.9	1.7	7.8	10.2	0	-	0	-
July 10, 1964	11.7	3.9	7.8	10.2	0	-	0	-
July 11, 1964	13.3	4.4	8.9	9.1	0	-	0	-
July 12, 1964	6.7	2.8	4.8	13.2	0	-	0	-
July 13, 1964	5.6	1.1	3.4	14.6	0	-	0	-
July 14, 1964	6.1	-0.6	2.8	15.2	0	-	0	-
July 15, 1964	5.6	0.6	3.1	14.9	0	-	0	-
July 16, 1964	5	0.6	2.8	15.2	0	-	0	-
July 17, 1964	7.2	1.7	4.5	13.5	0	-	0	-
July 18, 1964	7.8	1.1	4.5	13.5	0	-	0	-
July 19, 1964	10.6	2.2	6.4	11.6	0	-	0	-
July 20, 1964	15.6	3.9	9.8	8.2	0	-	0	-
July 21, 1964	15	3.9	9.5	8.5	0	-	0	-
July 22, 1964	13.3	3.9	8.6	9.4	0	-	0	-
July 23, 1964	9.5	3.3	6.4	11.6	0	-	0	-
July 24, 1964	11.1	4.4	7.8	10.2	0	-	0	-
July 25, 1964	13.9	5	9.5	8.5	0	-	0	-
July 26, 1964	15.6	3.3	9.5	8.5	0	-	0	-
July 27, 1964	9.5	5.6	7.6	10.4	0	-	0	-
July 28, 1964	10.6	1.7	6.2	11.8	0	-	0	-
July 29, 1964	7.2	2.2	4.7	13.3	0	-	0	-
July 30, 1964	6.7	2.2	4.5	13.5	0	-	0	-
July 31, 1964	4.4	0	2.2	15.8	0	-	0	-
July 1964	9.3	2.4	5.8	12.2	0.0			
August 1, 1964	5	1.7	3.4	14.6	0	2.3	0	2.3
August 2, 1964	6.1	1.1	3.6	14.4	0	T	0	T
August 3, 1964	5.6	0.6	3.1	14.9	0	0	0	0
August 4, 1964	4.4	-1.1	1.7	16.3	0	0	0	0
August 5, 1964	3.9	-1.1	1.4	16.6	0	2.5	0	2.5
August 6, 1964	6.7	-0.6	3.1	14.9	0	2.8	0	2.8
August 7, 1964	7.2	0	3.6	14.4	0	0	0	0
August 8, 1964	10	-1.1	4.5	13.5	0	0	0	0
August 9, 1964	10	-1.1	4.5	13.5	0	0	0	0
August 10, 1964	13.3	1.1	7.2	10.8	0	0	0	0
August 11, 1964	12.8	1.7	7.3	10.7	0	1.3	0	1.3
August 12, 1964	8.3	2.2	5.3	12.7	0	T	0	T
August 13, 1964	8.9	4.4	6.7	11.3	0	2.3	0	2.3
August 14, 1964	17.2	5.6	11.4	6.6	0	0	0	0
August 15, 1964	13.9	5	9.5	8.5	0	0	0	0

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
August 16, 1964	15	3.9	9.5	8.5	0	0	0	0
August 17, 1964	15.6	9.5	12.6	5.4	0	0	0	0
August 18, 1964	15.6	10	12.8	5.2	0	0	0	0
August 19, 1964	15.6	3.9	9.8	8.2	0	0	0	0
August 20, 1964	15.6	2.2	8.9	9.1	0	0	0	0
August 21, 1964	12.8	4.4	8.6	9.4	0	13.2	0	13.2
August 22, 1964	9.5	6.7	8.1	9.9	0	5.6	0	5.6
August 23, 1964	7.2	3.9	5.6	12.4	0	0.3	0	0.3
August 24, 1964	7.2	3.3	5.3	12.7	0	5.1	0	5.1
August 25, 1964	7.8	5	6.4	11.6	0	4.8	0	4.8
August 26, 1964	8.9	5.6	7.3	10.7	0	5.1	0	5.1
August 27, 1964	13.9	5.6	9.8	8.2	0	T	0	T
August 28, 1964	8.9	3.9	6.4	11.6	0	0	0	0
August 29, 1964	10	3.3	6.7	11.3	0	0	0	0
August 30, 1964	13.9	2.8	8.4	9.6	0	0	0	0
August 31, 1964	13.3	0.6	7	11	0	0	0	0
August 1964	10.5	3.0	6.8	11.2	0.0	45.3	0.0	45.3
September 1, 1964	7.8	0	3.9	14.1	0	0	0	0
September 2, 1964	9.5	2.2	5.9	12.1	0	13.5	0	13.5
September 3, 1964	6.1	2.8	4.5	13.5	0	17.5	0	17.5
September 4, 1964	5	3.3	4.2	13.8	0	11.7	0	11.7
September 5, 1964	5	2.2	3.6	14.4	0	4.1	0	4.1
September 6, 1964	6.7	2.2	4.5	13.5	0	0	0	0
September 7, 1964	5	0	2.5	15.5	0	0	0	0
September 8, 1964	3.3	0	1.7	16.3	0	0	0	0
September 9, 1964	3.9	0.6	2.3	15.7	0	0	0	0
September 10, 1964	3.3	1.1	2.2	15.8	0	0	0	0
September 11, 1964	5.6	1.1	3.4	14.6	0	0	0	0
September 12, 1964	5.6	0	2.8	15.2	0	0	0	0
September 13, 1964	6.7	1.1	3.9	14.1	0	0	0	0
September 14, 1964	8.9	1.7	5.3	12.7	0	0	0	0
September 15, 1964	7.2	-1.7	2.8	15.2	0	0	0	0
September 16, 1964	7.8	-0.6	3.6	14.4	0	0	0	0
September 17, 1964	4.4	-2.2	1.1	16.9	0	0	0	0
September 18, 1964	4.4	-3.3	0.6	17.4	0	0	0	0
September 19, 1964	3.9	0.6	2.3	15.7	0	1.3	0.5	1.8
September 20, 1964	2.2	0.6	1.4	16.6	0	0	0.3	0.3
September 21, 1964	0.6	-0.6	0	18	0	0	2	2
September 22, 1964	0	-2.2	-1.1	19.1	0	0	1.3	1.3
September 23, 1964	-0.6	-2.8	-1.7	19.7	0	0	0.3	0.3
September 24, 1964	3.9	-1.1	1.4	16.6	0	0	0	0
September 25, 1964	-2.8	-5.6	-4.2	22.2	0	0	0	0
September 26, 1964	-1.7	-5.6	-3.7	21.7	0	0	0.3	0.3
September 27, 1964	-6.1	-7.2	-6.7	24.7	0	0	0	0
September 28, 1964	-5.6	-7.2	-6.4	24.4	0	0	0	0
September 29, 1964	-6.7	-12.8	-9.8	27.8	0	0	0	0
September 30, 1964	-11.1	-15	-13.1	31.1	0	0	0	0
September 1964	2.7	-1.6	0.6	17.4	0.0	48.1	4.7	52.8
June 1, 1965	-2.8	-4.4	-3.6	21.6	0	0	2.5	2.5
June 2, 1965	-2.2	-6.7	-4.5	22.5	0	0	3.3	3.3
June 3, 1965	-3.3	-6.7	-5	23	0	0	0	0
June 4, 1965	-2.2	-6.7	-4.5	22.5	0	0	0	0
June 5, 1965	-1.7	-7.8	-4.8	22.8	0	0	0	0
June 6, 1965	-1.1	-3.9	-2.5	20.5	0	0	0	0
June 7, 1965	-1.1	-4.4	-2.8	20.8	0	0	0	0
June 8, 1965	2.8	-4.4	-0.8	18.8	0	0	0	0
June 9, 1965	3.3	-2.2	0.6	17.4	0	0	0	0
June 10, 1965	4.4	0	2.2	15.8	0	0	0	0
June 11, 1965	4.4	0.6	2.5	15.5	0	1	0	1
June 12, 1965	3.9	0	2	16	0	0	0	0
June 13, 1965	3.3	-1.7	0.8	17.2	0	0	3.8	3.8
June 14, 1965	1.1	-6.7	-2.8	20.8	0	0	0	0
June 15, 1965	1.7	-6.7	-2.5	20.5	0	12.7	0	12.7
June 16, 1965	4.4	-1.1	1.7	16.3	0	0	0	0
June 17, 1965	4.4	-0.6	1.9	16.1	0	0	0	0
June 18, 1965	8.3	0	4.2	13.8	0	0	0	0
June 19, 1965	9.5	-0.6	4.5	13.5	0	0	0	0

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
June 20, 1965	9.5	1.7	5.6	12.4	0	0	0	0
June 21, 1965	8.3	0.6	4.5	13.5	0	0	0	0
June 22, 1965	4.4	1.7	3.1	14.9	0	1.3	0	1.3
June 23, 1965	7.8	0.6	4.2	13.8	0	0	0	0
June 24, 1965	7.8	2.8	5.3	12.7	0	0	0	0
June 25, 1965	8.3	1.1	4.7	13.3	0	0	0	0
June 26, 1965	4.4	0.6	2.5	15.5	0	0	0	0
June 27, 1965	6.1	1.1	3.6	14.4	0	0	0	0
June 28, 1965	7.2	2.2	4.7	13.3	0	0	0	0
June 29, 1965	8.3	1.1	4.7	13.3	0	0	0	0
June 30, 1965	5.6	2.2	3.9	14.1	0	0	0	0
June 1965	3.8	-1.6	1.1	16.9	0.0	15.0	9.6	24.6
July 1, 1965	3.9	1.1	2.5	15.5	0	0.8	0	0.8
July 2, 1965	7.8	1.1	4.5	13.5	0	0.5	0	0.5
July 3, 1965	8.3	2.2	5.3	12.7	0	0	0	0
July 4, 1965	8.3	2.2	5.3	12.7	0	0	0	0
July 5, 1965	11.1	2.2	6.7	11.3	0	0	0	0
July 6, 1965	12.2	3.3	7.8	10.2	0	0	0	0
July 7, 1965	14.5	7.2	10.9	7.1	0	0	0	0
July 8, 1965	14.5	7.2	10.9	7.1	0	0	0	0
July 9, 1965	13.3	6.1	9.7	8.3	0	6.1	0	6.1
July 10, 1965	6.7	5.6	6.2	11.8	0	0	0	0
July 11, 1965	8.3	4.4	6.4	11.6	0	0	0	0
July 12, 1965	8.3	3.9	6.1	11.9	0	0	0	0
July 13, 1965	9.5	2.8	6.2	11.8	0	0	0	0
July 14, 1965	12.8	3.3	8.1	9.9	0	0	0	0
July 15, 1965	8.9	6.1	7.5	10.5	0	0	0	0
July 16, 1965	9.5	4.4	7	11	0	3.8	0	3.8
July 17, 1965	7.2	4.4	5.8	12.2	0	0	0	0
July 18, 1965	7.2	2.2	4.7	13.3	0	0	0	0
July 19, 1965	9.5	2.2	5.9	12.1	0	0	0	0
July 20, 1965	8.9	6.1	7.5	10.5	0	0	0	0
July 21, 1965	9.5	3.9	6.7	11.3	0	0	0	0
July 22, 1965	8.9	5.6	7.3	10.7	0	3	0	3
July 23, 1965	15.6	6.7	11.2	6.8	0	0	0	0
July 24, 1965	18.9	7.2	13.1	4.9	0	0	0	0
July 25, 1965	17.8	8.3	13.1	4.9	0	0	0	0
July 26, 1965	20.6	6.7	13.7	4.3	0	0	0	0
July 27, 1965	12.8	7.2	10	8	0	0	0	0
July 28, 1965	7.8	5	6.4	11.6	0	0	0	0
July 29, 1965	7.8	6.7	7.3	10.7	0	0	0	0
July 30, 1965	10.6	3.3	7	11	0	0	0	0
July 31, 1965	10	3.3	6.7	11.3	0	0	0	0
July 1965	10.7	4.6	7.7	10.3	0.0	14.2	0.0	14.2
August 1, 1965	8.3	5	6.7	11.3	0	4.8	0	4.8
August 2, 1965	11.1	5	8.1	9.9	0	4.1	0	4.1
August 3, 1965	8.3	3.3	5.8	12.2	0	0	0	0
August 4, 1965	10.6	4.4	7.5	10.5	0	T	0	T
August 5, 1965	9.5	3.3	6.4	11.6	0	6.4	0	6.4
August 6, 1965	6.1	1.7	3.9	14.1	0	0	0	0
August 7, 1965	7.2	1.1	4.2	13.8	0	5.6	0	5.6
August 8, 1965	7.8	0.6	4.2	13.8	0	0	0	0
August 9, 1965	8.3	4.4	6.4	11.6	0	1.3	0	1.3
August 10, 1965	8.9	3.9	6.4	11.6	0	0	0	0
August 11, 1965	10	2.2	6.1	11.9	0	0	0	0
August 12, 1965	9.5	2.8	6.2	11.8	0	0	0	0
August 13, 1965	13.3	2.8	8.1	9.9	0	0	0	0
August 14, 1965	12.8	5	8.9	9.1	0	0	0	0
August 15, 1965	10	6.7	8.4	9.6	0	T	0	T
August 16, 1965	11.7	5	8.4	9.6	0	0	0	0
August 17, 1965	11.7	5	8.4	9.6	0	0	0	0
August 18, 1965	13.9	2.2	8.1	9.9	0	0	0	0
August 19, 1965	12.8	1.7	7.3	10.7	0	0	0	0
August 20, 1965	9.5	3.3	6.4	11.6	0	1.3	0	1.3
August 21, 1965	10	3.9	7	11	0	0.3	0	0.3
August 22, 1965	8.9	3.3	6.1	11.9	0	0	0	0
August 23, 1965	8.9	2.2	5.6	12.4	0	0	0	0

Appendix B - Mary River Meteorological Data (1963-1965)

Date	Max Temp °C	Min Temp °C	Mean Temp °C	Heat Deg Days °C	Cool Deg Days °C	Total Rain mm	Total Snow cm	Total Precipitation mm
August 24, 1965	6.1	-0.6	2.8	15.2	0	0	0	0
August 25, 1965	10	-2.8	3.6	14.4	0	0	0	0
August 26, 1965	11.1	0	5.6	12.4	0	0	0	0
August 27, 1965	10	2.2	6.1	11.9	0	0	0	0
August 28, 1965	7.8	1.7	4.8	13.2	0	0	0	0
August 29, 1965	4.4	-0.6	1.9	16.1	0	0	0	0
August 30, 1965	3.9	-0.6	1.7	16.3	0	1	0	1
August 31, 1965	5.6	0	2.8	15.2	0	2.5	0	2.5
<i>August 1965</i>	<i>9.3</i>	<i>2.5</i>	<i>5.9</i>	<i>12.1</i>	<i>0.0</i>	<i>27.3</i>	<i>0.0</i>	<i>27.3</i>
September 1, 1965	2.8	0	1.4	16.6	0	8.1	0	8.1
September 2, 1965	3.9	-1.1	1.4	16.6	0	1.8	0	1.8
September 3, 1965	5.6	-0.6	2.5	15.5	0	0	0	0
September 4, 1965	7.8	1.1	4.5	13.5	0	0	T	T
September 5, 1965	5.6	1.1	3.4	14.6	0	5.6	0	5.6
September 6, 1965	8.9	1.1	5	13	0	0	0	0
September 7, 1965	5.6	3.9	4.8	13.2	0	1.5	0	1.5
September 8, 1965	5.6	-0.6	2.5	15.5	0	0	0	0
September 9, 1965	5.6	2.2	3.9	14.1	0	0	0	0
September 10, 1965	8.3	0	4.2	13.8	0	0	0	0
September 11, 1965	4.4	0.6	2.5	15.5	0	0	0	0
September 12, 1965	0.6	-1.1	-0.3	18.3	0	2.5	0	2.5
September 13, 1965	0.6	-1.7	-0.6	18.6	0	0	0	0
September 14, 1965	2.8	-2.8	0	18	0	0	0	0
September 15, 1965	1.7	-2.2	-0.3	18.3	0	0	0	0
September 16, 1965	3.9	-2.8	0.6	17.4	0	0	T	T
September 17, 1965	0	-1.1	-0.6	18.6	0	0	3.3	3.3
September 18, 1965	0	-1.1	-0.6	18.6	0	0	T	T
September 19, 1965	0.6	-1.7	-0.6	18.6	0	T	T	T
September 20, 1965	-1.7	-2.2	-2	20	0	0	1.3	1.3
September 21, 1965	-1.7	-2.8	-2.3	20.3	0	0	1.3	1.3
September 22, 1965	-2.2	-6.7	-4.5	22.5	0	0	0	0
September 23, 1965	-3.3	-9.5	-6.4	24.4	0	0	0	0
September 24, 1965	-0.6	-11.7	-6.2	24.2	0	0	0	0
September 25, 1965	-0.6	-10.6	-5.6	23.6	0	0	0	0
September 26, 1965	-2.2	-11.7	-7	25	0	0	0	0
September 27, 1965	-5.6	-11.7	-8.7	26.7	0	0	T	T
September 28, 1965	-7.8	-12.2	-10	28	0	0	0.3	0.3
September 29, 1965	-12.2	-15	-13.6	31.6	0	0	1	1
September 30, 1965	-12.8	-17.8	-15.3	33.3	0	0	0	0
<i>September 1965</i>	<i>0.8</i>	<i>-4.0</i>	<i>-1.6</i>	<i>19.6</i>	<i>0.0</i>	<i>19.5</i>	<i>7.2</i>	<i>26.7</i>

Note:

1. Data provided by Environment Canada.
2. M - Missing Data

APPENDIX C

Latitude:	72° 40' N	Longitude:	77° 58' W	Elevation:	55.20 m
Climate ID:	2403201	WMO ID:	71095	TC ID:	Y10

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Temperature:	-32.4	-34.1	-30.3	-22.1	-9.9	1.8	6	4.2	-1.4	-11.4	-22.4	-28.7	-15.1	C	-16.31666667
Daily Average (°C)	3.5	4.1	2.4	2.4	2.5	1.5	1.3	1.1	1.6	3.1	3.8	3.2	5.1	C	
Standard Deviation	-28.8	-30.6	-26.4	-17.7	-5.8	4.7	9.8	7.2	1.2	-8	-18.5	-25	-11.5	C	
Daily Maximum (°C)	-35.9	-37.5	-33.9	-26.5	-13.9	-1.1	2.1	1.2	-4	-14.7	-26.1	-32.4	-18.6	C	
Daily Minimum (°C)															
Extreme Maximum (°C)	3.7	21.5	25.7	3.9	12.1	15.5	22	18.5	11.9	6.5	2	-1.7			
Date (yyyy/dd)	1977/11	1986/08	1993/05	1975/29	1985/03	1989/30	1991/11	2000/08	1985/05	1994/17	1995/14	1976/29			
Extreme Minimum (°C)	-49.8	-53.9	-49	-40.2	-28.4	-14	-6.1	-6.1	-16.4	-30.1	-42	-45.5			
Date (yyyy/dd)	1982/16	1979/12	1982/10	1983/07	1983/01	1986/02	1986/05	1976/26	1982/20+	1978/26	1997/12	1979/14+			
Precipitation:															
Rainfall (mm)	0	0	0	0	0.2	11.7	30.5	32.9	8.4	1.3	0.4	0	A		
Snowfall (cm)	7.3	5.6	10.1	13.9	14.2	5.3	0.5	3.9	16.7	32.8	22.4	11.8	A		
Precipitation (mm)	5.7	4.3	8	10.7	9.6	15.8	31.1	36.9	20.8	23.4	16.1	8.4	A		
Average Snow Depth (cm)	19	18	20	22	23	6	0	0	2	10	16	17	13	C	
Median Snow Depth (cm)	18	18	20	22	23	6	0	0	1	10	15	17	13	C	
Snow Depth at Month-end (cm)	20	19	21	24	22	0	0	0	5	15	20	18	13	C	
Extreme Daily Rainfall (mm)	0	0	0	0	2.4	21.2	24.7	25	17	20	11	0			
Date (yyyy/dd)	1975/01+	1976/01+	1976/01+	1975/01+	1977/09	1981/29	1982/21	1996/19+	1987/11	1984/14	1998/02	1975/01+			
Extreme Daily Snowfall (cm)	13	21	11	36.2	20.6	9	5	12	15	22.4	24	18.2			
Date (yyyy/dd)	2001/02	1996/23	1995/27	1977/10	1992/06	1988/02	1996/24	1997/23	1980/30	1991/30	1995/27	1980/04			
Extreme Daily Precipitation (mm)	11.8	11	8	22.4	13	21.2	24.7	25	17	21.2	19	10.9			
Date (yyyy/dd)	1995/24	1996/23	1995/27	1998/11	1992/06	1981/29	1982/21	1996/19+	1987/11	1988/06	1998/02	1980/04			
Extreme Snow Depth (cm)	44	46	47	70	60	36	6	8	25	40	50	50			
Date (yyyy/dd)	1998/28+	1989/28	1989/02+	1977/11+	1999/12+	1990/01	1992/01	1976/25+	1977/15	1988/09+	1988/29+	1988/01			
Days with Maximum Temperature:															
<= 0 °C	30.9	28.3	31	29.9	26.4	2.9	0	0.11	11.4	29.6	30	31	C		
> 0 °C	0.13	0.05	0.04	0.14	4.7	27.1	31	30.9	18.6	1.5	0	0	C		
> 10 °C	0	0.05	0.04	0	0.1	1.7	12.8	4.3	0.05	0	0	0	C		
> 20 °C	0	0.05	0.04	0	0	0	0.15	0	0	0	0	0	C		
> 30 °C	0	0	0	0	0	0	0	0	0	0	0	0	C		
> 35 °C	0	0	0	0	0	0	0	0	0	0	0	0	C		
Days with Minimum Temperature:															
> 0 °C	0	0	0	0	0.08	12	25.5	19.8	3.4	0.04	0	0	A		
<= 2 °C	29.9	27.3	30	28.7	29.5	25.9	16.1	19.9	27.4	29.3	28.7	29.6	A		
<= 0 °C	29.9	27.3	30	28.7	29.4	16.8	3.9	9.6	24.8	29.3	28.7	29.6	A		
< -2 °C	29.9	27.3	30	28.6	28.7	7.9	0.67	2.4	18.8	29.1	28.7	29.6	A		
< -10 °C	29.9	27.3	30	28.1	20.4	0.63	0	0	2	22	28.3	29.6	A		
< -20 °C	29.3	27.2	29	23.4	4.8	0	0	0	0	5.8	22.9	28	A		
< -30 °C	25.5	24.3	22.3	8.3	0	0	0	0	0	0.04	8.7	20.1	A		
Days with Rainfall:															
>= 0.2 mm	0	0	0	0	0.13	4.3	8.5	9.8	2.2	0.15	0.04	0	A		
>= 5 mm	0	0	0	0	0	0.71	2.2	1.9	0.55	0.08	0.04	0	A		
>= 10 mm	0	0	0	0	0	0.33	0.78	0.75	0.23	0.04	0.04	0	A		
>= 25 mm	0	0	0	0	0	0	0	0.08	0	0	0	0	A		
Days With Snowfall:															

Appendix C1 - Pond Inlet A - Climate Normals 1971 - 2000

Latitude: 72° 40' N Longitude: 77° 58' W Elevation: 55.20 m
 Climate ID: 2403201 WMO ID: 71095 TC ID: Y10

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
>= 0.2 cm	5.7	4.9	7.7	7	6.3	2.9	0.26	1.4	6.6	12	9.8	7.2		A	
>= 5 cm	0.29	0.09	0.25	0.58	0.88	0.23	0.04	0.21	1.3	1.8	1.4	0.56		A	
>= 10 cm	0.05	0.05	0.04	0.17	0.21	0	0	0.04	0.09	0.46	0.28	0.12		A	
>= 25 cm	0	0	0	0.04	0	0	0	0	0	0	0	0		A	
Days with Precipitation:															
>= 0.2 mm	5.7	4.8	7.6	7.1	6.5	6.5	8.7	10.9	8.6	12.1	9.8	7.1		A	
>= 5 mm	0.14	0.09	0.17	0.33	0.33	0.74	2.2	2.1	1.1	1.1	0.76	0.24		A	
>= 10 mm	0.05	0.05	0	0.08	0.13	0.35	0.78	1	0.27	0.35	0.08	0.04		A	
>= 25 mm	0	0	0	0	0	0	0	0.09	0	0	0	0		A	
Days with Snow Depth:															
>= 1 cm	31	28.3	31	28.7	30.4	13	0.26	0.33	10.1	28.6	30	31		C	
>= 5 cm	31	28.3	31	28.7	30.1	10.8	0.04	0.29	5.2	23.9	28.6	30.5		C	
>= 10	27.5	26.3	28.1	27.5	29.5	8.2	0	0	1.3	13.1	21.9	25.5		C	
>= 20	9.4	9.4	12	15.4	17.8	3.5	0	0	0.14	3.8	7.3	9.8		C	
Wind:															
Speed (km/h)	7.1	6.4	7.1	7.8	8.6	8.6	9.7	10.3	11.7	13.8	9.5	7.8		A	
Most Frequent Direction	S	S	S	S	S	SW	NE	NE	SE	SE	S	S		A	
Maximum Hourly Speed	76	70	65	74	70	63	70	70	74	74	91	93			
Date (yyyy/dd)	1982/06	1988/21	1982/15	1989/15+	1988/11	1987/03	1978/14	1991/11	1976/08+	1989/28	1995/24	1985/27			
Direction of Maximum Hourly Speed	W	N	NE	NE	NE	NE	NE	SW	NE	W	E	NE	NE		
Maximum Gust Speed	85	100	104	98	93	102	83	93	93	91	89	107			
Date (yyyy/dd)	1976/29	1988/21	1989/25	1989/16	1988/11	1987/03	1979/05	1992/22	1976/08	1989/27+	1985/02	1985/26			
Direction of Maximum Gust	NE	NE	E	NE	NE	NE	W	E	NE	W	NE	NE	NE		
Days with Winds >= 52 km/hr	0.9	0.5	1.2	1.4	1.5	1	1.4	1.9	2.3	1.8	1.5	1.8	17.2	D	
Days with Winds >= 63 km/hr	0.5	0.4	0.4	0.8	0.9	0.5	0.4	0.9	1.3	0.6	0.7	1.1	8.5	D	
Degree Days:															
Above 24 °C	0	0	0	0	0	0	0	0	0	0	0	0		C	
Above 18 °C	0	0	0	0	0	0	0	0	0	0	0	0		C	
Above 15 °C	0	0	0	0	0	0	0.1	0	0	0	0	0		C	
Above 10 °C	0	0	0	0	0	0.2	4	0.4	0	0	0	0		C	
Above 5 °C	0	0	0	0	0.1	6.2	46.5	18.1	0.5	0	0	0		C	
Above 0 °C	0	0	0	0	1.9	73.7	184.9	130.6	24.5	0.3	0	0		C	
Below 0 °C	1004.1	960.3	935.7	662.9	307.2	19.9	0	0.7	64.5	352.8	671.4	890.2		C	
Below 5 °C	1159.1	1101.8	1090.7	812.8	460.3	102.4	16.6	43.2	190.5	507.5	821.4	1045.2		C	
Below 10 °C	1314.1	1243.3	1245.7	962.8	615.3	246.4	129.1	180.5	340	662.5	971.4	1200.2		C	
Below 15 °C	1469.1	1384.8	1400.7	1112.8	770.3	396.2	280.3	335.1	490	817.5	1121.4	1355.2		C	
Below 18 °C	1562.1	1469.7	1493.7	1202.8	863.3	486.2	373.1	428.1	580	910.5	1211.4	1448.2		C	
Bright Sunshine:															
Total Hours			172.2		361.6		351.2	196.9	85.6					D	
Days with measureable			26.2		28.6		28.9	26.3	18.7					D	
% of possible daylight hours			48.2		49.5		47.2	31.5	20.8					D	
Extreme Daily		8	12.1	18.4	24	24	24	21.1	15.1	9.8	3.2			C	
Date (yyyy/dd)		1987/28	1991/30	1986/30+	1975/30+	1975/21+	1976/21+	1984/01	1989/01	1987/01	1986/02				

Appendix C1 - Pond Inlet A - Climate Normals 1971 - 2000

Latitude: 72° 40' N Longitude: 77° 58' W Elevation: 55.20 m
 Climate ID: 2403201 WMO ID: 71095 TC ID: Y10

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Humidex:															
Extreme Humidex	3.6	-4	-0.8	3.9	9.4	15	22	18.8	11.8	6	0.9	-3.2			
Date (yyyy/dd)	1977/11	1986/17	1980/20	1975/29	1988/17	1989/30	1991/11	2001/01	1985/05	2002/14	1995/14	1985/27			
Days with Humidex >= 30	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Days with Humidex >= 35	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Days with Humidex >= 40	0	0	0	0	0	0	0	0	0	0	0	0	0	C	
Wind Chill:															
Extreme Wind Chill	-64.8	-68.5	-60.3	-51.4	-36.2	-20.7	-7.5	-17.8	-25	-42	-51.6	-58.6			
Date (yyyy/dd)	1975/14	1979/12	1986/09	1983/06	1999/03+	1986/02	1998/14	1997/31	1982/21	1989/27	1993/29	1979/15			
Days with Wind Chill < -20	31	28.3	30.9	28.2	12.9	0.1	0	0	0.7	16.3	28.1	30.7	A		
Days with Wind Chill < -30	30.4	27.8	29.5	20.6	2.1	0	0	0	0	4.6	20.7	28	A		
Days with Wind Chill < -40	25	22.9	20.3	5.9	0	0	0	0	0	0.2	5.7	17.4	A		
Humidity:															
Average Vapour Pressure (kPa)	0	0	0	0.1	0.3	0.6	0.7	0.7	0.5	0.2	0.1	0.1	C		
Average Relative Humidity - 0600LST (%)	65.6	65.2	64.9	71.2	80	82.6	81.2	83.6	82.2	79.5	72.4	67.1	C		
Average Relative Humidity - 1500LST (%)	65.5	64.9	64.5	70.8	77.8	76.2	72.2	75.2	78.1	79.5	72.6	68.1	A		
Pressure: Pressure:															
Average Station Pressure (kPa)	100.2	100.4	100.7	101.2	101	100.5	100.2	100.1	100.3	100.4	100.3	100.2	A		
Average Sea Level Pressure (kPa)	101	101.2	101.5	101.9	101.7	101.2	100.9	100.8	101.1	101.1	101.1	101			

Source: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

Appendix C2 - Hall Beach A - Climate Normals 1971 - 2000

Latitude: 68° 46' N Longitude: 81° 14' W Elevation: 08.20 m
Climate ID: 2402350 WMO ID: 71081 TC ID: YUX
* This station meets WMO standards for temperature and precipitation.

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Daily Average (°C)	-31.8	-33.2	-29.2	-20.4	-9	0.7	6.1	4.7	-0.3	-9.5	-20.2	-27.5	-14.1	A	-15.30833333
Standard Deviation	3.5	3.5	2.8	2.8	2.3	2.1	1.4	1.1	1.3	3.2	3.4	3.8	1.4	A	
Daily Maximum (°C)	-27.8	-29.2	-24.7	-15.2	-4.8	3.3	9.4	7.4	1.6	-6.3	-16	-23.4	-10.5	A	
Daily Minimum (°C)	-35.7	-37.2	-33.7	-25.6	-13.2	-1.9	2.8	1.8	-2.2	-12.6	-24.3	-31.5	-17.8	A	
Extreme Maximum (°C)	1.3	-1.1	2.2	17.2	4.4	21.1	22.8	24.8	13.5	4.2	-0.1	8.8			
Date (yyyy/dd)	1985/18	1963/03	1972/04	1996/29	1974/20	1973/29	1969/23	1991/05	1988/02	1988/06	1985/02	1985/15			
Extreme Minimum (°C)	-50	-54.1	-52.5	-44.1	-31.1	-23.1	-3.3	-5.1	-16.7	-33.6	-42.2	-53.9			
Date (yyyy/dd)	1972/18	1979/12	1996/24	1981/15	1970/06	1996/18	1972/01	1981/30	1972/28	1978/30	1976/29	1986/16			
Precipitation:															
Rainfall (mm)	0	0	0	0.2	1.1	13.6	28.1	41.2	17	1	0.1	0	102.3	A	
Snowfall (cm)	7.3	4.1	9.8	13.5	15.8	7.1	0.2	3.7	13	22.7	16.5	10.4	124	A	
Precipitation (mm)	7	3.9	9.1	12.4	15.4	20.6	28.4	44.6	30.1	20.9	15	9.5	216.7	A	
Average Snow Depth (cm)	31	33	37	41	42	20	0	0	1	10	22	28	22	A	
Median Snow Depth (cm)	31	32	36	41	42	20	0	0	0	10	22	27	22	A	
Snow Depth at Month-end (cm)	32	34	39	43	37	3	0	0	3	17	27	31	22	A	
Extreme Daily Rainfall (mm)	0.5	0	0	3.2	16.4	33	35.3	52.6	22.2	5.6	0.8	0.2			
Date (yyyy/dd)	1960/18	1957/01+	1957/01+	1984/18	2001/22	1976/23	1976/07	1980/27	1994/11	1998/05	1987/05	1998/05+			
Extreme Daily Snowfall (cm)	8	15.5	15.2	16.6	17.8	9.8	2.8	14	8.6	15.2	16.8	14.6			
Date (yyyy/dd)	1977/19	1964/11	1968/02	2001/30	1964/07	1993/16	1978/21	1990/21	1960/20+	1963/18	2000/12	1977/17			
Extreme Daily Precipitation (mm)	8	15.5	10.9	16	17.8	35.1	35.3	52.6	22.2	15.2	16.8	10.4			
Date (yyyy/dd)	1977/19	1964/11	1977/07	2001/30	1964/07	1976/23	1976/07	1980/27	1994/11	1963/18	2000/12	1977/17			
Extreme Snow Depth (cm)	71	74	81	81	84	74	33	5	15	41	60	64			
Date (yyyy/dd)	1962/22+	1962/09+	1962/12+	1968/27+	1968/12+	1968/01+	1968/01+	1993/29	1967/25+	1967/18+	1988/26+	1961/31			
Days with Maximum Temperature:															
<= 0 °C	31	28.3	31	29.8	26.8	4.4	0	0.07	8.3	29.1	30	30.9	249.6	A	
> 0 °C	0.03	0	0.03	0.23	4.2	25.6	31	30.9	21.7	1.9	0	0.07	115.7	A	
> 10 °C	0	0	0	0.03	0	1.7	12.3	6.6	0.38	0	0	0	21	A	
> 20 °C	0	0	0	0	0	0.07	0.23	0.13	0	0	0	0	0.43	A	
> 30 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	A	
> 35 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	A	
Days with Minimum Temperature:															
> 0 °C	0	0	0	0	0.03	9.6	29.7	26.2	7.6	0.1	0	0	73.3	A	
<= 2 °C	31	28.3	31	30	31	27.8	12	18	28.8	31	30	31	329.9	A	
<= 0 °C	31	28.3	31	30	31	20.4	1.3	4.8	22.4	30.9	30	31	292	A	
< -2 °C	31	28.3	31	29.9	29.4	10.6	0.03	0.6	12.9	29.5	30	31	264.1	A	
< -10 °C	30.9	28.3	31	28.8	20	1.4	0	0	0.66	18.6	28.6	30.7	218.9	A	
< -20 °C	30.3	27.9	29.7	23.5	5.9	0.1	0	0	0	5.2	22.3	28.5	173.4	A	
< -30 °C	25.1	24.5	22.7	9.3	0	0	0	0	0	0.14	6.8	20.2	108.7	A	
Days with Rainfall:															
>= 0.2 mm	0	0	0	0.23	0.6	5.2	10.4	12.2	5.8	0.62	0.13	0.03	35.2	A	
>= 5 mm	0	0	0	0	0.1	0.77	1.5	2.7	1	0.03	0	0	6.1	A	
>= 10 mm	0	0	0	0	0	0.23	0.53	0.97	0.41	0	0	0	2.1	A	
>= 25 mm	0	0	0	0	0	0.07	0.1	0.07	0	0	0	0	0.24	A	

Latitude:	68° 46' N	Longitude:	81° 14' W	Elevation:	08.20 m
Climate ID:	2402350	WMO ID:	71081	TC ID:	YUX

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code
Days With Snowfall:														
>= 0.2 cm	6.8	4.7	7.5	9.3	10	5.1	0.23	1.7	8	13.6	10.9	8.9	86.7	A
>= 5 cm	0.27	0.07	0.24	0.43	0.53	0.27	0	0.23	0.62	1.1	0.63	0.33	4.7	A
>= 10 cm	0	0	0.1	0.07	0.13	0	0	0.07	0	0.07	0.1	0.03	0.57	A
>= 25 cm	0	0	0	0	0	0	0	0	0	0	0	0	0	A
Days with Precipitation:														
>= 0.2 mm	6.8	4.6	7.4	9	9.9	9	10.5	12.9	11.9	13.7	10.3	8.6	114.7	A
>= 5 mm	0.2	0.03	0.17	0.43	0.53	1.2	1.5	2.8	1.8	0.86	0.6	0.27	10.4	A
>= 10 mm	0	0.03	0.07	0.07	0.07	0.33	0.53	1	0.62	0	0.1	0.03	2.9	A
>= 25 mm	0	0	0	0	0	0.07	0.1	0.07	0	0	0	0	0.24	A
Days with Snow Depth:														
>= 1 cm	31	28.3	31	30	31	23.7	1.8	0.43	5.5	26.5	30	31	270.1	A
>= 5 cm	31	28.3	31	30	31	21.3	1.1	0.03	1.9	21.6	29.9	31	258	A
>= 10	31	28.3	31	30	31	19.1	0.43	0	0.28	15.1	28.9	31	246.2	A
>= 20	29.9	27.3	30	30	30.5	14.9	0.07	0	0	5.2	18.3	25	211.1	A
Wind:														
Speed (km/h)	21.2	21.3	20.4	20.4	19.6	17.2	16.2	18.7	21.1	24	22.9	20.7	20.3	A
Most Frequent Direction	W	NW	NW	W	NW	NW	W	W	NW	W	W	W	W	A
Maximum Hourly Speed														
Date (yyyy/dd)	1976/25	1976/04	1976/02	1978/14	1971/10	1970/13	1996/29	1963/27	1975/25+	1975/07	1965/19	1990/05		
Direction of Maximum Hourly Speed	NW	NW	W	NW	NW	W	W	NW	W	W	E	SE	W	
Maximum Gust Speed														
Date (yyyy/dd)	1963/12	1976/04	1976/02	1978/14	1971/10	1970/13	1986/21	1963/27+	1975/25	1963/23	1968/24	1990/05		
Direction of Maximum Gust	NW	NW	W	W	NW	W	W	NW	W	W	NW	S	W	
Days with Winds >= 52 km/hr	2.5	2.2	2.8	2.3	1.8	1.3	0.9	2	3	5.6	3.3	2.4	29.9	C
Days with Winds >= 63 km/hr	0.9	0.8	1.1	0.3	0.3	0.3	0.2	0.5	1.2	2.2	0.9	0.7	9.3	C
Degree Days:														
Above 24 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	A
Above 18 °C	0	0	0	0	0	0	0	0	0	0	0	0	0	A
Above 15 °C	0	0	0	0	0	0	0	0.1	0	0	0	0	0.1	A
Above 10 °C	0	0	0	0	0	0.7	5.5	1.9	0	0	0	0	8.1	A
Above 5 °C	0	0	0	0	0	6.5	54.1	26.7	0.9	0	0	0	88.2	A
Above 0 °C	0	0	0	0.1	0.6	51.1	189.4	144.9	31.5	0.4	0	0	417.9	A
Below 0 °C	985.2	938.8	902.2	612	279.4	30.3	0	0.5	40.4	294.2	605.8	851.2	5540	A
Below 5 °C	1140.2	1080.1	1057.2	761.9	433.9	135.7	19.7	37.3	159.8	448.8	755.8	1006.2	7036.6	A
Below 10 °C	1295.2	1221.4	1212.2	911.9	588.9	279.9	126.1	167.6	309	603.8	905.8	1161.2	8782.9	A
Below 15 °C	1450.2	1362.8	1367.2	1061.9	743.9	429.2	275.6	320.7	459	758.8	1055.8	1316.2	10601.2	A
Below 18 °C	1543.2	1447.6	1460.2	1151.9	836.9	519.2	368.6	413.6	549	851.8	1145.8	1409.2	11696.9	A
Humidex:														

Appendix C2 - Hall Beach A - Climate Normals 1971 - 2000

Latitude: 68° 46' N Longitude: 81° 14' W Elevation: 08.20 m
Climate ID: 2402350 WMO ID: 71081 TC ID: YUX
* This station meets WMO standards for temperature and precipitation.

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Days with Humidex >= 35	0		0	0	0	0	0	0	0	0	0	0		A	
Days with Humidex >= 40	0		0	0	0	0	0	0	0	0	0	0		A	
Wind Chill:															
Extreme Wind Chill	-72.8	-71.7	-66.6	-58	-44.7	-32.7	-7.8	-11.7	-25.1	-49.6	-61.4	-64.6			
Date (yyyy/dd)	1975/13	1980/22	1985/03	1985/10	1970/06	1972/03	1972/03	1979/26	1972/28	1986/24	1976/29	1957/26			
Days with Wind Chill < -20	30.9	28.3	30.9	28.2	17.1	0.6	0	0	0.4	15.6	28.1	30.6	210.6	A	
Days with Wind Chill < -30	30.1	28	29.5	23.1	5.4	0.1	0	0	0	5.7	22.1	28.3	172.2	A	
Days with Wind Chill < -40	26.9	25.7	25.2	12	0.1	0	0	0	0	0.4	10.8	21.9	123	A	
Humidity:															
Average Vapour Pressure (kPa)	0.1		0.1	0.1	0.3	0.6	0.8	0.7	0.5	0.3	0.1	0.1		A	
Average Relative Humidity - 0600LST (%)	69.2		70.9	78.1	86.9	91	88.2	90.5	90.2	87.1	80	74		A	
Average Relative Humidity - 1500LST (%)	69.3	68.1	73.3	79.2	85.6	86.4	79	80.6	84.7	85.9	80.2	73.2		A	
Pressure:															
Average Station Pressure (kPa)	100.8	101.1	101.4	101.8	101.5	101.1	100.8	100.7	100.9	100.9	100.9	100.9	101.1	A	
Average Sea Level Pressure (kPa)	100.9	101.2	101.5	101.8	101.6	101.2	100.9	100.8	101	101	101	101	101.2	A	
Radiation:															
Global (RF1)												0.1		D	
Extreme Global (RF1)	0.8	5	13.6	24.1	32	35.6	32.1	24.7	15.5	7	1.8	0.1			
Date (yyyy/dd)	1972/30	1984/29	1973/31	1979/30	1974/26	1973/15	1979/01	1974/02	1977/01	1972/02	1982/02	1989/01			
Visibility (hours with):															
< 1 km	71.2	60.2	52	31.5	32.5	31.6	39.8	37.4	32.1	41	55.8	46.4		A	
1 to 9 km	135	127.9	137.4	102.8	87.3	56.2	42.8	56.8	91.8	149.9	156.2	143.5		A	
> 9 km	537.8	489.9	554.6	585.8	624.2	632.2	661.5	649.8	596.1	553.1	508	554.2		A	
Cloud Amount (hours with):															
0 to 2 tenths	331.3	336.7	323.8	319.8	185	132.4	133.5	116.3	84.3	135.2	251.3	326.4		A	
3 to 7 tenths	162.6	139.1	152.4	128.5	117.4	126.2	157	136.3	94	104.4	121.6	148.7		A	
8 to 10 tenths	250.1	202.2	267.8	271.7	441.6	461.4	453.5	491.5	541.8	504.4	347.1	268.9		A	

Source: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

Appendix C3 - Igloolik - Climate Normals 1971 - 2000

Latitude: 69° 22' N Longitude: 81° 48' W Elevation: 21.30 m
 Climate ID: 2402540 WMO ID: TC ID:

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Daily Average (°C)	-30.6	-31.2	-28	-19.3	-8.3	1.6	7	4.9	-0.4	-8.9	-19.5	-26.1		C	-13.23333333
Standard Deviation	2.5	3.6	2.6	2.7	2.4	1.8	1.6	1.2	1.4	2.9	3.4	3.4		C	
Daily Maximum (°C)	-27.2	-27.7	-24.3	-15.1	-4.7	4.3	10.7	7.8	1.5	-6.4	-16	-22.6		C	
Daily Minimum (°C)	-34.2	-34.9	-31.8	-23.4	-11.9	-1.2	3.3	2	-2.2	-11.3	-23	-29.6		C	
Extreme Maximum (°C)	-1.5	-9	-1.5	7.5	7	17	24	21.5	15	3.5	0	-1.5			
Date (yyyy/dd)	1979/23	1986/17	1980/23	1984/30	1993/30	1991/18	2001/28	1991/05	1988/02	1988/05	1995/13	1998/03+			
Extreme Minimum (°C)	-47.5	-53	-45.5	-39	-26.5	-14	-2	-5	-14.5	-32	-36.5	-44			
Date (yyyy/dd)	1987/05	1979/12	1986/09	1985/09	1999/01	1980/11	1979/21	1981/29	1979/29	1978/30	1986/23	1983/29			
Precipitation:															
Rainfall (mm)	0	0	0	0.1	0.1	11.7	30.7	43.8	15.5	0.7	0	0	102.5	C	
Snowfall (cm)	13.2	9	15.4	16.3	23.3	6.5	0.1	4.5	15.3	32.4	30.1	17.1	183.1	C	
Precipitation (mm)	13.4	9	15.4	16.4	23.4	18.2	30.8	48.3	30.8	33.1	30.1	17.1	285.9	C	
Extreme Daily Rainfall (mm)	0	0	0	0.6	19.6	13.6	26.4	26.8	24	5	0	0			
Date (yyyy/dd)	1978/01+	1978/01+	1978/01+	1995/28	2001/22	1998/21	1990/29	2000/26	1994/11	1998/06	1977/01+	1977/01+			
Extreme Daily Snowfall (cm)	20.5	8.5	11.6	19.4	26.3	13.2	1.8	32	12.6	23.2	53.3	11.4			
Date (yyyy/dd)	1992/06	1983/27	1991/07	2001/30	1978/17	1990/08	1990/31	1979/26	1979/16	1978/12	1982/19	1985/26			
Extreme Daily Precipitation (mm)	24	8.5	11.6	19.4	26.3	13.6	26.4	32	24	23.2	53.3	11.4			
Date (yyyy/dd)	1992/06	1983/27	1991/07	2001/30	1978/17	1998/21	1990/29	1979/26	1994/11	1978/12	1982/19	1985/26			
Extreme Snow Depth (cm)	23	24	27	38	23	16	0	2	10	15	17	30			
Date (yyyy/dd)	1993/01	1989/28+	1992/31	1998/30	1994/01	1995/01	1991/01+	1985/27	1991/30+	1994/31	1991/30+	1991/31			
Days with Maximum Temperature:															
<= 0 °C			31	29.7	25.6	3	0	0.14	10.3	30	30	31		C	
> 0 °C			0	0.27	5.4	27	31	30.9	19.7	1	0	0		C	
> 10 °C			0	0	0	2.1	15.8	6.6	0.22	0	0	0		C	
> 20 °C			0	0	0	0	0.22	0.14	0	0	0	0		C	
> 30 °C			0	0	0	0	0	0	0	0	0	0		C	
> 35 °C			0	0	0	0	0	0	0	0	0	0		C	
Days with Minimum Temperature:															
> 0 °C	0	0	0	0	0.17	10.2	28.2	24.8	6.1	0.04	0	0	69.6	C	
<= 2 °C	31	28.3	31	30	31	26.4	12.3	18.3	28.9	31	30	31	329.2	C	
<= 0 °C	31	28.3	31	30	30.8	19.7	2.8	6.2	23.9	31	30	31	295.7	C	
< -2 °C	31	28.3	31	29.9	29.5	8.2	0	0.36	12.7	29.8	30	31	261.7	C	
< -10 °C	31	28.3	31	28.4	17.8	0.96	0	0	0.22	16.6	28.7	30.6	213.4	C	
< -20 °C	30.3	28.1	29.3	20.8	3	0	0	0	0	2.7	20.8	28.1	163.1	C	
< -30 °C	24.7	23.3	19.4	5.8	0	0	0	0	0	0.09	3.9	16.1	93.3	C	
Days with Rainfall:															
>= 0.2 mm	0	0	0	0.09	0.13	5.5	11.2	14.7	6.4	0.57	0	0	38.7	C	
>= 5 mm	0	0	0	0	0	0.74	2	2.8	0.83	0.04	0	0	6.3	C	
>= 10 mm	0	0	0	0	0	0.13	0.43	0.91	0.39	0	0	0	1.9	C	
>= 25 mm	0	0	0	0	0	0	0.04	0.09	0	0	0	0	0.13	C	
Days With Snowfall:															
>= 0.2 cm	9.6	8.6	11.2	10.8	11.2	3.6	0.13	0.86	7.8	17	14.4	11	106	C	

Appendix C3 - Igloolik - Climate Normals 1971 - 2000

Latitude: 69° 22' N Longitude: 81° 48' W Elevation: 21.30 m
Climate ID: 2402540 WMO ID: TC ID:

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
>= 5 cm	0.39	0.35	0.48	0.5	1.1	0.26	0	0.14	0.7	1.4	1.4	0.63	7.4	C	
>= 10 cm	0.13	0	0.09	0	0.26	0.09	0	0.14	0.22	0.48	0.3	0.04	1.8	C	
>= 25 cm	0	0	0	0	0.04	0	0	0.05	0	0	0.09	0	0.18	C	
Days with Precipitation:															
>= 0.2 mm	9.6	8.6	11.2	10.8	11.3	8.7	11.3	15	12.8	17.3	14.4	11	141.7	C	
>= 5 mm	0.39	0.35	0.48	0.5	1.1	1	2	2.9	1.6	1.4	1.4	0.63	13.7	C	
>= 10 mm	0.13	0	0.09	0	0.26	0.22	0.43	1.1	0.61	0.48	0.3	0.04	3.6	C	
>= 25 mm	0	0	0	0	0.04	0	0.04	0.18	0	0	0.09	0	0.35	C	
Wind:															
Speed (km/h)	15.4	14.9	15.5	15.9	16	14.2	12.7	15.7	17.5	19.8	18	15.9		C	
Most Frequent Direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	C	
Maximum Hourly Speed	58	52	67	83	69	61	56	67	74	93	72	70			
Date (yyyy/dd)	1980/23	1986/17+	1991/07	1984/02	1983/23	1983/16	1983/30	1985/27	1985/19	1985/23	1985/03	1990/05			
Direction of Maximum Hourly Speed	E	E	E	S	E	E	NW	E	NW	SE	SW	SE	SE		
Degree Days:															
Above 24 °C			0	0	0	0	0	0	0	0	0	0		C	
Above 18 °C			0	0	0	0	0	0	0	0	0	0		C	
Above 15 °C			0	0	0	0	0	0	0	0	0	0		C	
Above 10 °C			0	0	0	0.1	11	1.4	0	0	0	0		C	
Above 5 °C			0	0	0	8.5	75.6	29.4	1.1	0	0	0		C	
Above 0 °C			0	0.1	1.4	69.4	217.6	151.8	31.8	0.2	0	0		C	
Below 0 °C			865.8	577.7	257.9	21	0	0.5	42.3	276.5	585.8	788.7		C	
Below 5 °C			1020.8	727.6	411.5	110.1	13	33.1	161.6	431.3	735.8	943.7		C	
Below 10 °C			1175.8	877.6	566.5	251.7	103.5	160.1	310.5	586.3	885.8	1098.7		C	
Below 15 °C			1330.8	1027.6	721.5	401.6	247.5	313.7	460.5	741.3	1035.8	1253.7		C	
Below 18 °C			1423.8	1117.6	814.5	491.6	340.4	406.7	550.5	834.3	1125.8	1346.7		C	

Source: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

Appendix C4 - Clyde A - Climate Normals 1971 - 2000

Latitude: 70° 29' N Longitude: 68° 31' W Elevation: 26.50 m
 Climate ID: 2400800 WMO ID: 71090 TC ID: YCY

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Daily Average (°C)	-28.1	-29.6	-27.2	-19	-8.5	0.7	4.4	3.9	0	-7.6	-17.5	-24.8		A	-12.775
Standard Deviation	4	3.6	2.5	2	1.9	1.6	1.2	1.2	1.2	2.3	3.4	3.3		A	
Daily Maximum (°C)	-24.2	-25.6	-22.7	-14.1	-4.3	3.6	8.2	7.1	2.4	-4.5	-13.8	-21		A	
Daily Minimum (°C)	-31.9	-33.4	-31.5	-23.9	-12.7	-2.3	0.6	0.6	-2.4	-10.6	-21	-28.5		A	
Extreme Maximum (°C)	3.3	3.3	-1	11.7	8.9	17.8	22.2	20	14.6	10.3	6.7	2.8			
Date (yyyy/dd)	1977/10	1946/28	2000/30	1975/29	1951/25	1975/30	1969/29	1969/02	1988/02	1984/15	1948/01	1976/23+			
Extreme Minimum (°C)	-50.2	-50.1	-47.8	-41.1	-31.1	-17.2	-6.8	-5.6	-16.1	-28.7	-39.5	-45			
Date (yyyy/dd)	1987/17	1990/08	1991/04	1948/01	1974/01	1972/04	1989/16	1958/30	1961/30	1986/31	1986/25	1994/16			
Precipitation:															
Rainfall (mm)	0	0	0	0	0.4	3.6	16.1	24.8	7.3	0.3	0	0	52.6	A	
Snowfall (cm)	9.5	7.4	8.3	17.4	19.4	13.5	6.2	7	29.4	43.9	25.9	15.1	202.7	A	
Precipitation (mm)	8.8	6.3	7.4	15.6	17.7	16.5	22.3	31.4	33	37.7	22.9	13.5	233	A	
Average Snow Depth (cm)	43	47	51	58	59	35	2	0	1	16	30	40		A	
Median Snow Depth (cm)	45	47	53	58	59	35	1	0	0	16	30	41		A	
Snow Depth at Month-end (cm)	47	49	52	59	53	10	0	0	6	25	35	42	32	A	
Extreme Daily Rainfall (mm)	0.3	0.3	0	0	3.6	19.2	26.4	37.3	35.6	4.6	1.3	0.2			
Date (yyyy/dd)	1959/18	1965/24	1943/01+	1943/01+	1988/18	1995/30	1951/09	1960/20	1951/07	1984/15	1948/01	1978/21			
Extreme Daily Snowfall (cm)	23.1	14	14	41	23.7	25.7	32.5	30.7	20.1	35.1	37	19.8			
Date (yyyy/dd)	1963/08	2002/18	1988/04	1977/07	1977/01	1982/04	1952/07	1968/31	1961/04	1971/27	1982/26	1975/01			
Extreme Daily Precipitation (mm)	23.1	14	11.5	41	23.7	23.7	32.5	37.3	36.8	26.9	37	19.3			
Date (yyyy/dd)	1963/08	2002/18	2002/01	1977/07	1977/01	1982/04	1952/07	1960/20	1952/05	1971/27	1982/26	1975/01			
Extreme Snow Depth (cm)	122	126	154	154	153	155	80	20	28	70	108	91			
Date (yyyy/dd)	1963/15+	1982/27+	1980/27+	1980/01	1980/04+	1980/02	1978/01	1978/21	1962/30	1981/29+	1982/27	1962/29+			
Days with Maximum Temperature:															
<= 0 °C	30.9	28.2	31	29.8	25.6	4.7	0	0.04	7.2	27.7	29.9	30.8		A	
> 0 °C	0.08	0	0	0.16	5.4	25.3	31	31	22.8	3.3	0.12	0.19		A	
> 10 °C	0	0	0	0.04	0	1.5	8.8	6.4	0.42	0.04	0	0		A	
> 20 °C	0	0	0	0	0	0	0.04	0	0	0	0	0		A	
> 30 °C	0	0	0	0	0	0	0	0	0	0	0	0		A	
> 35 °C	0	0	0	0	0	0	0	0	0	0	0	0		A	
Days with Minimum Temperature:															
> 0 °C	0	0	0	0	0.03	4.9	17.7	18.5	5.1	0.1	0	0	46.3	A	
<= 2 °C	30.2	27.8	30.6	29.2	29.9	27.5	24.1	24.2	28.1	30.1	28.9	29.6	340.1	A	
<= 0 °C	30.2	27.8	30.6	29.2	29.9	23.6	12.6	11.9	23.9	30	28.9	29.6	308.1	A	
< -2 °C	30.2	27.8	30.6	29.2	29.3	13.7	2.2	1.7	13.9	29.4	28.9	29.6	266.5	A	
< -10 °C	30.1	27.8	30.6	28.5	19	0.55	0	0	0.63	15.4	27.8	29.6	209.9	A	
< -20 °C	28.7	27.2	29.4	21.6	3.3	0	0	0	0	1.5	15.9	26.8	154.4	A	
< -30 °C	19.4	20.6	19.3	4.4	0.03	0	0	0	0	0	2.1	12.4	78.3	A	
Days with Rainfall:															
>= 0.2 mm	0	0	0	0	0.31	1.6	6.6	9.1	3.8	0.34	0.1	0.03	21.8	A	
>= 5 mm	0	0	0	0	0	0.21	0.86	1.4	0.5	0	0	0	3	A	
>= 10 mm	0	0	0	0	0	0.07	0.34	0.5	0.17	0	0	0	1.1	A	
>= 25 mm	0	0	0	0	0	0	0	0.04	0.03	0	0	0	0.07	A	

Appendix C4 - Clyde A - Climate Normals 1971 - 2000

Latitude: 70° 29' N Longitude: 68° 31' W Elevation: 26.50 m
 Climate ID: 2400800 WMO ID: 71090 TC ID: YCY

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Days With Snowfall:															
>= 0.2 cm	7.3	6.6	6.8	8.7	10.5	5.6	2.4	3.3	12	17	11.8	8.4	100.3	A	
>= 5 cm	0.3	0.13	0.23	0.61	0.72	0.83	0.38	0.34	1.7	2.3	1.2	0.82	9.6	A	
>= 10 cm	0.03	0.03	0.03	0.14	0.17	0.21	0.07	0.1	0.57	0.62	0.3	0.11	2.4	A	
>= 25 cm	0	0	0	0.11	0	0.03	0	0	0	0.03	0.1	0	0.27	A	
Days with Precipitation:															
>= 0.2 mm	7.1	6.3	6.6	8.5	10.3	6.9	7.6	10.6	14	16.7	11.6	8.1	114.4	A	
>= 5 mm	0.2	0.1	0.23	0.43	0.76	0.93	1.5	1.9	2	1.9	0.97	0.79	11.6	A	
>= 10 mm	0.03	0	0	0.18	0.21	0.21	0.45	0.68	0.52	0.54	0.3	0.11	3.2	A	
>= 25 mm	0	0	0	0.11	0	0	0	0.04	0	0.04	0.07	0	0.26	A	
Days with Snow Depth:															
>= 1 cm	31	28.2	31	30	31	25.2	6	0.62	9.7	30.3	30	31		A	
>= 5 cm	31	28.2	31	30	31	22.7	3.4	0.14	3.5	27.5	30	31		A	
>= 10	30.5	28.2	31	30	31	19.4	2.1	0.1	0.81	20.5	29.8	31		A	
>= 20	28.6	26	28.5	27.5	28.7	15.9	0.9	0.03	0.27	9	21.6	26.4		A	
Wind:															
Speed (km/h)	15	14	12.6	12.9	13.1	13	12.6	13.2	14	17.4	17.9	15.7	14.3	A	
Most Frequent Direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	A	
Maximum Hourly Speed															
Date (yyyy/dd)	1964/23	1970/05	1975/02	1990/01	1957/05	1961/09	1954/16	1979/18	1963/22+	1988/07	1985/10	1959/22+			
Direction of Maximum Hourly Speed	SW	SW	NW	NW	NW	N	NW	SW	S	NW	NW	N	NW		
Maximum Gust Speed															
Date (yyyy/dd)	1980/07	1981/13	1988/14	1984/19	1984/08	1987/05	1983/18	1991/19	1981/02	1988/07	1985/10	1986/19			
Direction of Maximum Gust	W	NW	NW	NW	NW	S	NW	S	W	NW	NW	W	NW		
Days with Winds >= 52 km/hr	3.8	2.9	3.1	2.2	1.6	0.9	0.9	1	1.1	3	4.9	3.7	28.9	C	
Days with Winds >= 63 km/hr	1.7	1.3	1.7	0.7	0.4	0.3	0.3	0.3	0.2	1	2.3	2.1	12.2	C	
Degree Days:															
Above 24 °C	0	0	0	0	0	0	0	0	0	0	0	0		A	
Above 18 °C	0	0	0	0	0	0	0	0	0	0	0	0		A	
Above 15 °C	0	0	0	0	0	0	0	0	0	0	0	0		A	
Above 10 °C	0	0	0	0	0	0.1	1.1	0.6	0	0	0	0		A	
Above 5 °C	0	0	0	0	0	3.3	26	17.1	1.6	0	0	0		A	
Above 0 °C	0	0	0	0.1	1.1	45.3	134.4	120.7	33	0.9	0	0		A	
Below 0 °C	868.9	830.2	842.8	575.5	268.3	27.4	0.3	0.3	33.9	234.8	530.3	766.7		A	
Below 5 °C	1023.9	971.4	997.8	725.4	422.2	135.4	47	51.8	152.5	389	680.3	921.7		A	
Below 10 °C	1178.9	1112.6	1152.8	875.4	577.2	282.2	177.1	190.2	300.9	544	830.3	1076.7		A	
Below 15 °C	1333.9	1253.8	1307.8	1025.4	732.2	432.1	331	344.7	450.9	699	980.3	1231.7		A	
Below 18 °C	1426.9	1338.5	1400.8	1115.4	825.2	522.1	424	437.7	540.9	792	1070.3	1324.7		A	
Soil Temperature:															
at 5 cm depth (AM obs) (°C)	-24.3	-26.7	-25.6	-19.8	-9.2	3.2	6.7	4.2	0.1	-5.2	-15.2	-22	-11.1	D	
at 5 cm depth (PM obs) (°C)	-24.4	-26.5	-24.7	-18.2	-7.3	6.3	9.9	7	1.5	-5	-15.4	-22		C	
at 10 cm depth (AM obs) (°C)	-24	-26.4	-25.4	-19.8	-9.4	2.3	5.7	3.5	0.1	-4.9	-15	-21.7	-11.3	D	
at 10 cm depth (PM obs) (°C)	-24.2	-26.3	-24.7	-18.5	-7.9	5.4	9	6.4	1.3	-4.8	-15.1	-21.7		C	

Appendix C4 - Clyde A - Climate Normals 1971 - 2000

Latitude: 70° 29' N Longitude: 68° 31' W Elevation: 26.50 m
 Climate ID: 2400800 WMO ID: 71090 TC ID: YCY

Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
at 20 cm depth (AM obs) (°C)	-23	-25.4	-24.5	-19.6	-9.9	1	4.5	3.1	0.4	-3.8	-13.9	-20.6	-11	D	
at 20 cm depth (PM obs) (°C)	-23.1	-25.4	-24.4	-19	-9.1	2.6	6.2	4.5	0.9	-4.2	-14.1	-20.6		C	
at 50 cm depth (AM obs) (°C)	-20	-22.5	-22.4	-19.2	-11.4	-1.6	2.3	2.1	0.5	-2.2	-11	-17.4	-10.2	D	
at 100 cm depth (AM obs) (°C)	-16.1	-18.7	-19.6	-18.6	-13.5	-5.3	-1.1	-0.5	-0.4	-1.7	-7.8	-13.4	-9.7	D	
at 150 cm depth (AM obs) (°C)	-14.6	-17.2	-18.3	-18.2	-14	-7	-2.6	-1.5	-1.2	-1.8	-6.6	-11.9	-9.6	D	
Bright Sunshine:															
Total Hours		56.1	175.6	253.3	264.1	273.4	279	161.6	83.9	45.5				C	
Days with measureable		17.1	26.8	26.9	27	25.3	26.4	23.3	17.9	15.6				C	
% of possible daylight hours		28.6	48.8	51.8	37.9	38	37.6	28	20.7	16.4				C	
Extreme Daily															
Date (yyyy/dd)	1978/25+	1987/26	1984/30+	1971/30	1975/28+	1971/12+	1972/11+	1974/04	1980/01	1983/01	1979/03			C	
Humidex:															
Extreme Humidex	2.2	1.7	-2	7.2	8.5	15	21.4	20.7	14.4	34.4	1.7	1.7			
Date (yyyy/dd)	1977/10	1963/04	2000/30	1975/29	1994/30	1988/29	1960/20	1973/08	1988/02	1953/03	1968/03	1976/23+			
Days with Humidex >= 30			0	0	0	0		0	0	0	0	0	0	D	
Days with Humidex >= 35			0	0	0	0		0	0	0	0	0	0	D	
Days with Humidex >= 40			0	0	0	0		0	0	0	0	0	0	D	
Wind Chill:															
Extreme Wind Chill	-59.5	-62.4	-58.1	-48.9	-34.4	-20	-10.5	-9.5	-21.2	-36.4	-46.7	-55.3			
Date (yyyy/dd)	1983/01	1973/14	1985/04	1984/05	1983/13	1987/02	1986/20	1993/14	1961/30	1986/29	1991/30	1986/26			
Days with Wind Chill < -20		28.3	30.9	27.6	12.2	0		0	0	9.6	27.2	30.8		D	
Days with Wind Chill < -30		27.7	29.7	17.5	1.3	0		0	0	1.1	15.7	27.3		D	
Days with Wind Chill < -40		21.7	20.3	4.4	0	0		0	0	0	2.4	13.2		D	
Humidity:															
Average Vapour Pressure (kPa)			0.1	0.1	0.3	0.6		0.7	0.5	0.3	0.1	0.1		D	
Average Relative Humidity - 0600LST (%)				71.8	83	86.5		87.9	86.7	82.3	75.4	67.5		D	
Average Relative Humidity - 1500LST (%)	65.1	63.6	63.6	71.2	81.1	83.5	78.5	80.1	80.8	81.6	74.8	67.5		C	
Pressure:															
Average Station Pressure (kPa)		100.6	101	101.5	101.3	101	100.7	100.4	100.6	100.7	100.6	100.5		D	
Average Sea Level Pressure (kPa)		101	101.4	101.8	101.6	101.3	101	100.8	101	101	101	100.9		D	
Radiation:															
Extreme Global (RF1)	0.3	3.7	11.9	22.4	30.7	32.3	30.5	22	13.9	6.5	0.7	0			
Date (yyyy/dd)	1993/31	1992/29	1988/30	1989/30	1993/31	1989/19	1991/11	1989/05	1989/03	1990/01	1988/02	1990/02			

Source: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

Appendix C5 - Nanisivik A - Climate Normals 1971 - 2000

Latitude: 72° 58' N Longitude: 84° 37' W Elevation: 641.90 m
Climate ID: 2402730 WMO ID: TC ID: YSR

Temperature: Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Daily Average (°C)	-29.2	-30.3	-27.8	-20	-10.7	-0.4	4.9	1.5	-5.6	-14.9	-22.7	-26.6		C	-15.15
Standard Deviation	3.7	3.7	2.7	2.9	2.7	1.8	1.6	1.2	1.7	2.7	2.3	3.6		C	
Daily Maximum (°C)	-26.1	-27.5	-24.8	-16.6	-7.8	1.9	7.4	3.7	-3.7	-12.5	-19.9	-23.7		C	
Daily Minimum (°C)	-32.1	-33.1	-30.8	-23.4	-13.5	-2.8	2.5	-0.8	-7.4	-17.2	-25.4	-29.4		C	
Extreme Maximum (°C)	-2	2	-5.5	-0.5	7	18.5	18.2	15	8	0.5	23	-4.4			
Date (yyyy/dd)	1977/10	1978/09	1997/19	1988/21	1993/16+	2000/25	2001/27	2001/06	1978/01	1979/11	1984/30	1976/29			
Extreme Minimum (°C)	-48.5	-53	-47.5	-42	-28.3	-14	-6	-10	-19.5	-35	-39.4	-45.5			
Date (yyyy/dd)	1982/14	1979/13	1986/08	1983/06	1989/02	1978/04+	1996/24	1979/17+	1979/30	1986/24	1976/28	1982/29			
Precipitation:															
Rainfall (mm)	0	0	0	0	0	7	27.5	22.5	4.4	0	0	0		C	
Snowfall (cm)	4.4	3.8	6.4	9.8	16.9	15.7	7.6	17.3	36.9	31.2	15.8	7.3		C	
Precipitation (mm)	7.6	3.9	6.6	9.8	17.2	23.5	35.3	40.9	43.5	30.9	16	7.3		C	
Average Snow Depth (cm)							0							D	
Median Snow Depth (cm)							0							D	
Snow Depth at Month-end (cm)		35		36	29		1	3						D	
Extreme Daily Rainfall (mm)	0	0	0	0	0	20	36	23.8	11	0.4	0	0			
Date (yyyy/dd)	1977/01+	1977/01+	1977/01+	1977/01+	1977/01+	1991/23	2001/12	1983/11	1985/17	1985/01	1976/16+	1976/01+			
Extreme Daily Snowfall (cm)	5.8	6	8.3	13.8	30	15.5	13.1	22	24	68.4	56.6	9.9			
Date (yyyy/dd)	1992/05	1986/27	1979/20	2002/28	1991/06	1989/14	1994/17	1991/20	1994/27	1985/25	1981/26	1981/10			
Extreme Daily Precipitation (mm)	25	6	8.3	13.8	30	23.1	36	23.8	47	68.4	56.6	9.9			
Date (yyyy/dd)	1977/14	1986/27	1979/20	2002/28	1991/06	1984/29	2001/12	1983/11	1994/27	1985/25	1981/26	1981/10			
Extreme Snow Depth (cm)	79	81	81	84	88	84	9	22	48	65	78	60			
Date (yyyy/dd)	1982/05+	1982/17+	1982/01+	1982/13+	1982/15+	1982/01+	1983/30+	1984/20+	1984/30	1984/19+	1981/27+	1984/01+			
Days with Maximum Temperature:															
<= 0 °C		28.2	31	30	28	10.8	1.4	6.2	24.6	30.9	30	31		C	
> 0 °C		0.06	0	0	3	19.2	29.6	24.8	5.4	0.07	0.05	0		C	
> 10 °C		0	0	0	0	1.1	8.3	1	0	0	0.05	0		C	
> 20 °C		0	0	0	0	0	0	0	0	0	0.05	0		C	
> 30 °C		0	0	0	0	0	0	0	0	0	0	0		C	
> 35 °C		0	0	0	0	0	0	0	0	0	0	0		C	
Days with Minimum Temperature:															
> 0 °C		0	0	0	0.38	6.1	21	12	1	0	0	0		C	
<= 2 °C		28.3	31	30	30.4	27.1	15.6	25	29.7	30.9	30	31		C	
<= 0 °C		28.3	31	30	30.1	23.8	9.8	18.7	28.8	30.9	30	31		C	
< -2 °C		28.3	31	30	29.3	16	3	9.8	26.8	30.8	30	31		C	
< -10 °C		28.3	31	29.1	22.3	1.1	0	0	8.5	28.9	29.9	31		C	
< -20 °C		27.6	29.4	20.4	3.3	0	0	0	0	9.7	24.6	29		C	
< -30 °C		19.1	17.9	4.4	0	0	0	0	0	0.2	5.2	14.5		C	
Days with Rainfall:															
>= 0.2 mm	0	0	0	0	0	2.2	9.2	7.8	1.7	0.05	0	0		C	
>= 5 mm	0	0	0	0	0	0.33	1.8	1.4	0.21	0	0	0		C	
>= 10 mm	0	0	0	0	0	0.1	0.48	0.44	0.11	0	0	0		C	
>= 25 mm	0	0	0	0	0	0	0.1	0	0	0	0	0		C	

Appendix C5 - Nanisivik A - Climate Normals 1971 - 2000

Latitude: 72° 58' N Longitude: 84° 37' W Elevation: 641.90 m
Climate ID: 2402730 WMO ID: TC ID: YSR

Temperature: Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Days With Snowfall:															
> = 0.2 cm	4.2	4.4	5.7	6.1	8.7	6.9	2.7	5.7	12.9	13.1	8.2	5.4		C	
> = 5 cm	0.05	0.06	0.25	0.37	0.74	0.7	0.41	0.94	2.6	1.4	0.53	0.26		C	
> = 10 cm	0	0	0	0.11	0.17	0.2	0.09	0.28	0.56	0.42	0.16	0		C	
> = 25 cm	0	0	0	0	0.04	0	0	0	0	0.05	0.11	0		C	
Days with Precipitation:															
> = 0.2 mm	4.3	4.4	5.7	6.1	8.7	8.5	11.3	12.4	14.2	13.1	8.1	5.3		C	
> = 5 mm	0.32	0.06	0.25	0.42	0.7	1.2	2.3	2.5	2.9	1.5	0.58	0.32		C	
> = 10 mm	0.21	0	0	0.11	0.22	0.35	0.62	0.72	0.83	0.37	0.16	0		C	
> = 25 mm	0.05	0	0	0	0.04	0	0.1	0	0.06	0.05	0.11	0		C	
Wind:															
Maximum Hourly Speed	94	141	96	96	109	89	74	93	85	100	89	94			
Date (yyyy/dd)	1980/23	1978/04	1977/06	1986/10	1978/01	1988/08	1989/05	1987/31	2001/29	1985/24	1980/29	1978/22			
Direction of Maximum Hourly Speed	SE	SE	SE	SE	SE	S	E	SE	SE	E	SE	SE	SE	SE	
Degree Days:															
Above 24 °C		0	0	0	0	0	0	0	0		0	0		D	
Above 18 °C		0	0	0	0	0	0	0	0		0	0		D	
Above 15 °C		0	0	0	0	0	0	0	0		0	0		D	
Above 10 °C		0	0	0	0	0.2	3.6	0	0		0	0		D	
Above 5 °C		0	0	0	0	5.6	48.4	6.8	0		0	0		D	
Above 0 °C		0	0	0	2.4	38	160.2	72.1	5.3		0	0		D	
Below 0 °C		844.7	867.9	594.8	331.3	55.6	3.8	18.7	172.1		682.7	829.4		D	
Below 5 °C		986	1022.9	744.8	484	173.2	47.1	108.4	316.8		832.7	984.4		D	
Below 10 °C		1127.2	1177.9	894.8	638.9	317.8	157.2	256.6	466.8		982.7	1139.4		D	
Below 15 °C		1268.5	1332.9	1044.8	793.9	467.6	308.6	411.6	616.8		1132.7	1294.4		D	
Below 18 °C		1353.2	1425.9	1134.8	886.9	557.6	401.6	504.6	706.8		1222.7	1387.4		D	
Humidex:															
Extreme Humidex	-3	-3.3	-7.1	-1.4	6.5	14.5	18.4	15.9	9	1	-6.3	-5.3			
Date (yyyy/dd)	1978/23	1978/09	1997/18	1995/26	1993/29	1996/28	2001/27	2001/02	1980/04	1980/17	1998/16	1998/05			
Wind Chill:															
Extreme Wind Chill	-62.9	-72.3	-67	-54.8	-39.4	-24.9	-12.8	-21	-30.3	-50	-53.5	-60.6			
Date (yyyy/dd)	1982/12	1979/13	1996/20	1983/05	1989/02	1986/02	1996/24	1997/29	1994/27	1986/24	1988/16	1982/29			

Source: http://www.climate.weatheroffice.ec.gc.ca/climate_normals/index_e.html

Appendix C6 - Dewar Lakes - Climate Normals 1971 - 2000

Latitude:	68° 39' N	Longitude:	71° 10.2' W	Elevation:	5.26.70 m										
Climate ID:	2401030	WMO ID:	71092	TC ID:	WUW										
Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Daily Average (°C)	-26.8	-28.6	-26.6	-19.5	-9.7	-0.1	5.6	3.4	-2.9	-11.1	-18.8	-24.9		C	-13.33333333
Standard Deviation	4.1	4.1	3.2	2.1	2.1	2.7	2.1	1.5	1.6	2.5	2.5	4.4		C	
Daily Maximum (°C)	-23.4	-25.3	-23.2	-16.2	-6.7	2.6	8.7	6.2	-0.8	-8.3	-15.6	-21.7		C	
Daily Minimum (°C)	-30.3	-32	-29.9	-22.9	-12.6	-2.8	2.4	0.7	-5	-13.8	-21.9	-28.2		C	
Extreme Maximum (°C)	22.2	0	-2.3	-1.1	9.5	17.2	23.2	20.6	11.1	3.3	-0.6	0			
Date (yyyy/dd)	1988/07	1963/04	1981/04	1968/04+	1983/30	1975/29	1988/25	1966/13	1966/02	1968/07+	1963/06	1976/29			
Extreme Minimum (°C)	-49.4	-50.7	-48.3	-39.8	-29.4	-17.2	-6.3	-7.5	-18	-33	-40.6	-45			
Date (yyyy/dd)	1975/14	1979/16	1964/11+	1983/10	1970/06	1963/08	1978/18	1981/29	1992/25	1978/29	1967/30	1968/08+			
Precipitation:															
Rainfall (mm)	0	0	0	0	0.5	8.2	45.2	54.4	7.4	0	0	0		C	
Snowfall (cm)	5.5	4.1	7.2	12.4	23.9	12.8	3.1	9.9	27.3	35.6	17	7.3		C	
Precipitation (mm)	5.5	4.1	7.2	12.4	24.4	21.1	48.3	64.1	34.7	35.7	17	7.3		C	
Average Snow Depth (cm)	49	50	51	52	48	20	1	0	6	32	42	44	33	C	
Median Snow Depth (cm)	49	50	51	51	48	19	1	0	5	32	41	44	33	C	
Snow Depth at Month-end (cm)	50	50	52	51	39	5	0	2	15	40	44	46	33	C	
Extreme Daily Rainfall (mm)	0	0	0	0	10.2	21.4	36.3	46	21.8	0.3	0	0			
Date (yyyy/dd)	1959/01+	1958/05+	1958/01+	1958/01+	1973/24	1984/25	1966/21	1970/20	1968/06	1968/06	1958/01+	1958/01+			
Extreme Daily Snowfall (cm)	13.2	10.9	11.8	16	20.3	11	15.2	11	25.9	26.7	11	11.4			
Date (yyyy/dd)	1980/01	1970/26	1977/30	1974/21	1959/10	1977/08	1963/04	1984/15	1991/20	1975/05	1979/01+	1970/22			
Extreme Daily Precipitation (mm)	13.2	10.9	11.8	16	20.3	21.4	37.3	46	25.9	26.7	11	11.4			
Date (yyyy/dd)	1980/01	1970/26	1977/30	1974/21	1959/10	1984/25	1987/31	1970/20	1991/20	1975/05	1979/01+	1970/22			
Extreme Snow Depth (cm)	91	94	94	122	122	135	66	20	40	91	94	97			
Date (yyyy/dd)	1971/01+	1970/27+	1970/01+	1958/25+	1970/27+	1970/07+	1978/01	1993/13+	1984/30	1990/18+	1975/04+	1970/23+			
Days with Maximum Temperature: Days with Maximum Temperature:															
<= 0 °C		28.2		30	29.2	9.8	0.2	1.1	19.6	30.6	30	31		C	
> 0 °C		0		0	1.8	20.2	30.8	30	10.4	0.45	0	0		C	
> 10 °C		0		0	0	2.7	12	4.2	0.05	0	0	0		C	
> 20 °C		0		0	0	0	0.25	0	0	0	0	0		C	
> 30 °C		0		0	0	0	0	0	0	0	0	0		C	
> 35 °C		0		0	0	0	0	0	0	0	0	0		C	
Days with Minimum Temperature: Days with Minimum Temperature:															
> 0 °C	0	0	0	0	0.19	6.9	22.9	17	1.7	0	0	0		C	
<= 2 °C	31	28.3	31	30	31	26.4	15.9	21.5	29.8	31	30	31		C	
<= 0 °C	31	28.3	31	30	30.8	23.1	8.1	14.1	28.3	31	30	31		C	
< -2 °C	31	28.3	31	30	30.4	17	1.3	3.9	23.9	30.8	30	31		C	
< -10 °C	30.9	28.3	30.8	29.5	22.9	1.2	0	0	3.4	21.8	29.2	30.8		C	
< -20 °C	28.8	27.1	28.5	20.5	1.6	0	0	0	0	5.2	18.2	27.1		C	
< -30 °C	17.2	18.3	17	4	0	0	0	0	0	0.15	2.2	13.1		C	
Days with Rainfall:															
>= 0.2 mm	0	0	0	0	0.05	2.1	9.9	11.7	2.1	0	0	0		C	
>= 5 mm	0	0	0	0	0.05	0.52	3.4	3.5	0.71	0	0	0		C	
>= 10 mm	0	0	0	0	0.05	0.19	1.3	1.7	0.05	0	0	0		C	
>= 25 mm	0	0	0	0	0	0	0.1	0.15	0	0	0	0		C	

Appendix C6 - Dewar Lakes - Climate Normals 1971 - 2000

Latitude:	68° 39' N	Longitude:	71° 10.2' W	Elevation:	5,26.70 m										
Climate ID:	2401030	WMO ID:	71092	TC ID:	WUW										
Temperature:	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Code	Mean Annual Temperature
Days With Snowfall:															
>= 0.2 cm	3.3	2.9	3.7	5.8	9.4	6.5	2.1	4.4	9.5	12	7.6	4.7		C	
>= 5 cm	0.21	0.14	0.2	0.67	1.5	0.57	0.1	0.65	1.8	2.2	0.91	0.29		C	
>= 10 cm	0.05	0	0.05	0.1	0.1	0.05	0	0.05	0.29	0.57	0.14	0		C	
>= 25 cm	0	0	0	0	0	0	0	0	0.05	0.05	0	0		C	
Days with Precipitation:															
>= 0.2 mm	3.3	2.9	3.7	5.8	9.4	8.3	10.9	14.5	10.9	12	7.7	4.7		C	
>= 5 mm	0.21	0.14	0.2	0.67	1.5	1.2	3.6	4.3	2.6	2.2	0.91	0.29		C	
>= 10 mm	0.05	0	0.05	0.1	0.14	0.24	1.3	1.8	0.38	0.57	0.14	0		C	
>= 25 mm	0	0	0	0	0	0	0.1	0.2	0.05	0.05	0	0		C	
Days with Snow Depth:															
>= 1 cm	31	28.3	31	30	31	23.8	4.5	3.3	18.3	31	30	31	293.1	C	
>= 5 cm	31	28.3	31	30	31	19.1	2	1.2	11.8	30.5	30	31	276.8	C	
>= 10	31	28.3	31	30	30.6	16	1.1	0.32	6.8	28.4	30	31	264.5	C	
>= 20	29.6	27	29.5	29	27.8	11.2	0.62	0.09	2.3	23.1	28.2	29.7	238.1	C	
Wind:															
Maximum Hourly Speed	129	145	97	105	120	93	97	105	111	113	113	129			
Date (yyyy/dd)	1967/01	1970/13	1957/07+	1958/30	1988/14	1987/03	1959/10	1960/01	1981/09	1956/15	1969/20	1960/18			
Direction of Maximum Hourly Speed	NE	NE	E	E	E	SE	E	E	E	S	NE	E	NE		
Maximum Gust Speed	83	59	56	59				56		85	69	96			
Date (yyyy/dd)	1992/16	1992/10	1993/29	1992/09+				1989/31		1991/29	1991/15	1991/22			
Direction of Maximum Gust	E	E	NE	E				E		NE	E	NE			
Above 24 °C		0		0	0	0	0	0	0	0	0	0		C	
Above 18 °C		0		0	0	0	0	0	0	0	0	0		C	
Above 15 °C		0		0	0	0	0.2	0	0	0	0	0		C	
Above 10 °C		0		0	0	0.4	7.5	0.8	0	0	0	0		C	
Above 5 °C		0		0	0	10.4	54.1	20.2	0.2	0	0	0		C	
Above 0 °C		0		0	1.4	52.9	171.4	113.2	11.7	0	0	0		C	
Below 0 °C		806.8		594.7	303.3	54.2	1	4.8	104.2	340.1	563.7	761.5		C	
Below 5 °C		947.8		744.7	456.9	161.6	38.7	66.9	242.7	495.1	713.7	916.5		C	
Below 10 °C		1088.8		894.7	611.9	301.6	147.2	202.5	392.5	650.1	863.7	1071.5		C	
Below 15 °C		1229.8		1044.7	766.9	451.2	294.9	356.7	542.5	805.1	1013.7	1226.5		C	
Below 18 °C		1314.4		1134.7	859.9	541.2	387.7	449.7	632.5	898.1	1103.7	1319.5		C	
Humidex:															
Extreme Humidex	-1.6	-0.6	-2.3	-0.6	7.5	15.6	23.4	20.7	10.6	3.3	-1.1	0			
Date (yyyy/dd)	1977/10	1963/04+	1981/04	1982/10	1977/08	1975/29	1969/24	1966/13	1966/02	1968/08	1963/06	1976/29			
Wind Chill:															
Extreme Wind Chill	-68.4	-70.4	-64.5	-54	-41.4	-23.4	-12.6	-16.2	-25.8	-44.9	-54.5	-67			
Date (yyyy/dd)	1957/21	1979/16	1964/12	1958/17	1958/01	2000/01	1978/01	1981/30	1975/26	1956/20	1993/28	1956/14			
Average Relative Humidity - 0600LST (%)				81.1	87.1	89.3	84.7	90.7	91.7	87.5	81			D	