

Decembers Snow Story 2008:

Weather Summary: One of the coldest and snowiest December in history: 19 days and 172 hours of precipitation with freezing rain & wet flurries on well frozen ground to start the month off (read as "ICE").

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Friday, December 5<sup>th</sup> : Wet flurries on well frozen surfaces (65 hrs of sub zero with lows of -10) made for "Perfect Storm" conditions where any precipitation(wet snow or rain) caused extremely slippery surfaces. Our AntiIce crews were busy Thursday night & Friday, especially on the Westside where most of the town became a sheet of ice. Rain all Friday washed most of the AntiIce away and reapplications were necessary in many areas through Friday night.

Friday, December 12<sup>th</sup> :WOW...the beginning of 47 hrs of snow over these 3 days. Accumulations varied between 12 & 15 inches with the snow starting as wet, then temperatures falling below minus 10. Another "Perfect Storm" condition for ice buildup.

Tuesday, December 16<sup>th</sup> : light snowfalling in Kelowna starting about 10pm and ending by 1am ish on the 17<sup>th</sup> left between 1 & 2 inches of light snow. Nothing shown in Westbank.

58 hrs of snow between the 16<sup>th</sup> & Christmas Eves Day, then more snow for all the kiddies who wanted LOTS of snow. Followed by more snow. December 5<sup>th</sup> ,28<sup>th</sup> , 29<sup>th</sup> , & 31<sup>st</sup> actually went above sub zero for a few hours each day, otherwise all of December was completely COLD, with no warm break long enough to melt anything.

## Kelowna Hourly Data Report for December 04, 2008

| Hourly Data Report for December 4, 2008 |                |                          |                  |                      |                      |                      |                      |      |            |         |
|-----------------------------------------|----------------|--------------------------|------------------|----------------------|----------------------|----------------------|----------------------|------|------------|---------|
| T<br>i<br>m<br>e                        | Temp<br>°C<br> | Dew Point Temp<br>°C<br> | Rel Hum<br>%<br> | Wind Dir<br>10's deg | Wind Spd<br>km/h<br> | Visibility<br>km<br> | Stn Press<br>kPa<br> | Hmdx | Wind Chill | Weather |
| 00:00                                   | -8.5           | -11.4                    | 80               | 1                    | 4                    | 15.0                 | 98.45                |      |            |         |
| 01:00                                   | -8.9           | -11.8                    | 79               | 6                    | 4                    | 15.0                 | 98.47                |      |            |         |
| 02:00                                   | -7.0           | -10.2                    | 78               |                      | 0                    | 15.0                 | 98.46                |      |            |         |
| 03:00                                   | -9.6           | -12.8                    | 77               | 33                   | 4                    | 15.0                 | 98.47                |      |            |         |
| 04:00                                   | -10.8          | -13.4                    | 81               |                      | 0                    | 15.0                 | 98.46                |      |            |         |
| 05:00                                   | -10.6          | -13.2                    | 81               |                      | 0                    | 15.0                 | 98.46                |      |            |         |
| 06:00                                   | -10.3          | -13.0                    | 81               | 36                   | 4                    | 15.0                 | 98.55                |      |            |         |
| 07:00                                   | -10.6          | -13.7                    | 78               |                      | 0                    | 15.0                 | 98.53                |      |            |         |
| 08:00                                   | -10.6          | -13.3                    | 80               | 3                    | 6                    | 15.0                 | 98.53                |      |            |         |
| 09:00                                   | -7.7           | -10.7                    | 79               |                      | 0                    | 15.0                 | 98.53                |      |            |         |
| 10:00                                   | -4.3           | -8.8                     | 71               |                      | 0                    | 15.0                 | 98.51                |      |            |         |
| 11:00                                   | -2.6           | -8.0                     | 66               |                      | 0                    | 15.0                 | 98.43                |      |            |         |
| 12:00                                   | -1.5           | -7.6                     | 63               | 18                   | 6                    | 15.0                 | 98.35                |      |            |         |
| 13:00                                   | -0.8           | -8.0                     | 58               | 23                   | 6                    | 15.0                 | 98.27                |      |            |         |
| 14:00                                   | -1.2           | -8.1                     | 59               | 12                   | 4                    | 15.0                 | 98.18                |      |            | Snow    |
| 15:00                                   | -1.1           | -8.2                     | 58               | 23                   | 6                    | 15.0                 | 98.18                |      |            |         |
| 16:00                                   | -2.2           | -7.9                     | 65               |                      | 0                    | 15.0                 | 98.09                |      |            |         |
| 17:00                                   | -4.5           | -8.4                     | 74               |                      | 0                    | 15.0                 | 98.03                |      |            |         |
| 18:00                                   | -4.4           | -8.6                     | 72               | 7                    | 4                    | 15.0                 | 97.93                |      |            |         |
| 19:00                                   | -4.4           | -8.1                     | 75               |                      | 0                    | 15.0                 | 97.93                |      |            |         |
| 20:00                                   | -3.8           | -7.9                     | 73               | 16                   | 6                    | 15.0                 | 97.87                |      |            |         |
















|       |      |      |    |    |   |      |       |  |  |  |
|-------|------|------|----|----|---|------|-------|--|--|--|
| 21:00 | -3.5 | -7.2 | 75 |    | 0 | 15.0 | 97.85 |  |  |  |
| 22:00 | -3.2 | -6.8 | 76 | 16 | 4 | 15.0 | 97.84 |  |  |  |
| 23:00 | -2.6 | -6.8 | 73 |    | 0 | 15.0 | 97.80 |  |  |  |

## Hourly Data Report for December 05, 2008

| Hourly Data Report for December 5, 2008 |            |                      |              |                      |                  |                  |                  |      |            |         |
|-----------------------------------------|------------|----------------------|--------------|----------------------|------------------|------------------|------------------|------|------------|---------|
| Time                                    | Temp<br>°C | Dew Point Temp<br>°C | Rel Hum<br>% | Wind Dir<br>10's deg | Wind Spd<br>km/h | Visibility<br>km | Stn Press<br>kPa | Hmdx | Wind Chill | Weather |
| 00:00                                   | -2.6       | -6.8                 | 73           |                      | 0                | 15.0             | 97.77            |      |            | Snow    |
| 01:00                                   | -2.3       | -6.7                 | 72           | 28                   | 4                | 15.0             | 97.66            |      |            | Snow    |
| 02:00                                   | -1.9       | -5.6                 | 76           |                      | 0                | 15.0             | 97.64            |      |            |         |
| 03:00                                   | -1.9       | -5.7                 | 75           |                      | 0                | 15.0             | 97.53            |      |            |         |
| 04:00                                   | -1.6       | -5.4                 | 75           |                      | 0                | 15.0             | 97.47            |      |            | Snow    |
| 05:00                                   | -1.6       | -5.1                 | 77           |                      | 0                | 15.0             | 97.41            |      |            |         |
| 06:00                                   | -1.5       | -5.6                 | 74           | 10                   | 4                | 15.0             | 97.35            |      |            |         |
| 07:00                                   | -1.1       | -4.4                 | 78           | 36                   | 7                | 15.0             | 97.33            |      |            |         |
| 08:00                                   | -0.9       | -4.5                 | 77           | 3                    | 4                | 15.0             | 97.33            |      |            | Rain    |
| 09:00                                   | -0.6       | -4.0                 | 78           | 1                    | 4                | 15.0             | 97.34            |      |            | Rain    |
| 10:00                                   | -0.3       | -4.3                 | 74           |                      | 0                | 15.0             | 97.35            |      |            | Rain    |
| 11:00                                   | 0.1        | -3.9                 | 74           |                      | 0                | 15.0             | 97.29            |      |            |         |
| 12:00                                   | 0.9        | -4.3                 | 68           |                      | 0                | 15.0             | 97.29            |      |            | Rain    |
| 13:00                                   | 1.3        | -4.7                 | 64           | 17                   | 6                | 15.0             | 97.24            |      |            | Rain    |
| 14:00                                   | 1.2        | -3.2                 | 72           | 14                   | 6                | 15.0             | 97.22            |      |            | Rain    |
| 15:00                                   | 0.7        | -3.0                 | 76           | 14                   | 6                | 15.0             | 97.21            |      |            | Rain    |
| 16:00                                   | 0.9        | -3.3                 | 73           | 14                   | 9                | 15.0             | 97.19            |      |            | Rain    |
| 17:00                                   | 0.9        | -3.3                 | 73           | 15                   | 6                | 15.0             | 97.19            |      |            | Rain    |
| 18:00                                   | 0.9        | -3.2                 | 74           | 17                   | 4                | 15.0             | 97.24            |      |            | Rain    |
| 19:00                                   | 0.6        | -2.5                 | 80           |                      | 0                | 15.0             | 97.27            |      |            | Rain    |
| 20:00                                   | 0.4        | -1.7                 | 86           |                      | 0                | 15.0             | 97.27            |      |            | Rain    |
| 21:00                                   | 0.6        | -2.1                 | 82           | 16                   | 6                | 15.0             | 97.23            |      |            | Snow    |
| 22:00                                   | 1.4        | -2.8                 | 74           | 14                   | 9                | 15.0             | 97.23            |      |            | Rain    |
| 23:00                                   |            |                      |              |                      |                  |                  |                  |      |            |         |

### Sat December 6, 2008 Early Morning

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| <b>Current Conditions</b> | <b>Kelowna, British Columbia</b>                   |
| Observed at: 05:00 PST    | <b>Environment Canada's 5 Day Weather Forecast</b> |
| <b>Cloudy</b>             | <b>Freezing Rain Warning Continued</b>             |
| Temp.: <b>1.6 °C</b>      |                                                    |

| Pressure:                                                                         | <b>102.2 kPa</b>                                                                  | <table border="1"> <tr> <th>Tonight</th> <th>Tomorrow</th> <th>Sunday</th> <th>Monday</th> <th>Tuesday</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td><b>Freezing rain</b><br/>Low: -1 °C</td> <td><b>Risk of freezing rain</b><br/>Low: 0 °C<br/>High: 4 °C<br/>Wind: S 10 km/h</td> <td><b>Chance of showers</b><br/>Low: 1 °C<br/>High: 2 °C<br/>POP: 60 %</td> <td><b>Cloudy</b><br/>Low: -2 °C<br/>High: 1 °C</td> <td><b>Chance of flurries</b><br/>Low: -2 °C<br/>High: -1 °C<br/>POP: 30 %</td> </tr> </table> | Tonight                                                                           | Tomorrow                                                                           | Sunday                                                                              | Monday | Tuesday |  |  |  |  |  | <b>Freezing rain</b><br>Low: -1 °C | <b>Risk of freezing rain</b><br>Low: 0 °C<br>High: 4 °C<br>Wind: S 10 km/h | <b>Chance of showers</b><br>Low: 1 °C<br>High: 2 °C<br>POP: 60 % | <b>Cloudy</b><br>Low: -2 °C<br>High: 1 °C | <b>Chance of flurries</b><br>Low: -2 °C<br>High: -1 °C<br>POP: 30 % |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------|
| Tonight                                                                           | Tomorrow                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sunday                                                                            | Monday                                                                             | Tuesday                                                                             |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |  |  |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| <b>Freezing rain</b><br>Low: -1 °C                                                | <b>Risk of freezing rain</b><br>Low: 0 °C<br>High: 4 °C<br>Wind: S 10 km/h        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Chance of showers</b><br>Low: 1 °C<br>High: 2 °C<br>POP: 60 %                  | <b>Cloudy</b><br>Low: -2 °C<br>High: 1 °C                                          | <b>Chance of flurries</b><br>Low: -2 °C<br>High: -1 °C<br>POP: 30 %                 |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Visibility:                                                                       | <b>14.5 km</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Humidity:                                                                         | <b>73%</b>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| DewPoint:                                                                         | <b>-2.7 °C</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Wind:                                                                             | <b>13 km/h SE</b>                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| <b>Yesterday</b>                                                                  |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Max Temp.                                                                         | <b>-0.4 °C</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Min Temp.                                                                         | <b>-11.7 °C</b>                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Precip.                                                                           | <b>0.0 mm</b>                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| <b>Today</b>                                                                      |                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Sunrise:                                                                          | <b>7:40</b>                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Sunset:                                                                           | <b>15:57</b>                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Moonrise:                                                                         | <b>12:12</b>                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |
| Moonset:                                                                          | <b>N/A</b>                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                                                                                    |                                                                                     |        |         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                    |                                                                            |                                                                  |                                           |                                                                     |

**Text Forecast:** Issued at 5.00 AM PST Saturday 6 December 2008

**Today..** Periods of freezing rain or a few rain showers ending this morning then cloudy. 60 percent chance of rain showers this afternoon. Snow level rising to 1300 metres this afternoon. Wind becoming south 20 km/h this afternoon. High plus 4.

**Tonight..** Periods of rain changing to periods of snow near midnight. Snowfall amount 5 cm. Snow level 1300 metres lowering to valley bottom near midnight. Wind south 20 km/h becoming light this evening. Low zero.

**Sunday..** Cloudy. 60 percent chance of flurries or rain showers in the morning and afternoon. High plus 3.

**Monday..** Cloudy. Low minus 2. High plus 2.







**Tuesday..** Cloudy with 60 percent chance of flurries. Low minus 2. High plus 1.

**Wednesday..** Cloudy. Low plus 2. High 6.

**Normals for the period..** Low minus 4. High plus 1.

Dec 12

## Hourly Data Report for December 12, 2008

| Hourly Data Report for December 12, 2008 |                                                                                                   |                                                                                                             |                                                                                                     |                      |                                                                                                         |                                                                                                         |                                                                                                           |      |            |         |
|------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------|------------|---------|
| T<br>i<br>m<br>e                         | Temp<br>°C<br> | Dew Point Temp<br>°C<br> | Rel Hum<br>%<br> | Wind Dir<br>10's deg | Wind Spd<br>km/h<br> | Visibility<br>km<br> | Stn Press<br>kPa<br> | Hmdx | Wind Chill | Weather |
| 00:00                                    | 0.2                                                                                               | -3.5                                                                                                        | 76                                                                                                  | 13                   | 7                                                                                                       | 15.0                                                                                                    | 97.13                                                                                                     |      |            |         |
| 01:00                                    | -0.6                                                                                              | -3.5                                                                                                        | 81                                                                                                  | 21                   | 6                                                                                                       | 15.0                                                                                                    | 96.93                                                                                                     |      |            |         |
| 02:00                                    | -0.4                                                                                              | -3.5                                                                                                        | 80                                                                                                  | 14                   | 6                                                                                                       | 15.0                                                                                                    | 96.83                                                                                                     |      |            |         |
| 03:00                                    | -0.5                                                                                              | -3.5                                                                                                        | 80                                                                                                  | 21                   | 4                                                                                                       | 15.0                                                                                                    | 96.70                                                                                                     |      |            |         |
| 04:00                                    | -0.6                                                                                              | -3.4                                                                                                        | 81                                                                                                  | 20                   | 4                                                                                                       | 15.0                                                                                                    | 96.51                                                                                                     |      |            |         |
| 05:00                                    | 0.2                                                                                               | -3.5                                                                                                        | 76                                                                                                  | 14                   | 13                                                                                                      | 15.0                                                                                                    | 96.34                                                                                                     |      |            |         |
| 06:00                                    | 0.1                                                                                               | -3.1                                                                                                        | 79                                                                                                  | 16                   | 9                                                                                                       | 8.0                                                                                                     | 96.13                                                                                                     |      |            | Snow    |
| 07:00                                    | -0.1                                                                                              | -2.9                                                                                                        | 81                                                                                                  | 14                   | 13                                                                                                      | 15.0                                                                                                    | 95.95                                                                                                     |      | -4         | Snow    |
| 08:00                                    | -0.1                                                                                              | -3.3                                                                                                        | 79                                                                                                  | 15                   | 15                                                                                                      | 15.0                                                                                                    | 95.74                                                                                                     |      | -5         | Snow    |
| 09:00                                    | -0.4                                                                                              | -3.0                                                                                                        | 83                                                                                                  | 15                   | 15                                                                                                      | 2.4                                                                                                     | 95.59                                                                                                     |      | -5         | Snow    |
| 10:00                                    | -0.6                                                                                              | -2.8                                                                                                        | 85                                                                                                  | 16                   | 15                                                                                                      | 2.4                                                                                                     | 95.45                                                                                                     |      | -5         | Snow    |
| 11:00                                    | -0.7                                                                                              | -2.7                                                                                                        | 86                                                                                                  | 15                   | 9                                                                                                       | 1.1                                                                                                     | 95.25                                                                                                     |      |            | Snow    |
| 12:00                                    | -0.8                                                                                              | -2.7                                                                                                        | 87                                                                                                  | 15                   | 9                                                                                                       | 0.8                                                                                                     | 95.06                                                                                                     |      |            | Snow    |
| 13:00                                    | -1.0                                                                                              | -2.7                                                                                                        | 88                                                                                                  | 17                   | 7                                                                                                       | 1.1                                                                                                     | 94.83                                                                                                     |      |            | Snow    |

|       |      |      |    |    |   |     |       |  |  |      |
|-------|------|------|----|----|---|-----|-------|--|--|------|
| 14:00 | -1.1 | -2.9 | 88 | 16 | 6 | 1.0 | 94.63 |  |  | Snow |
| 15:00 | -1.2 | -3.0 | 88 |    | 0 | 2.4 | 94.42 |  |  | Snow |
| 16:00 | -1.5 | -3.2 | 88 |    | 0 | 1.4 | 94.34 |  |  | Snow |
| 17:00 | -1.6 | -3.2 | 89 |    | 0 | 1.1 | 94.22 |  |  | Snow |
| 18:00 | -1.6 | -3.2 | 89 |    | 0 | 1.1 | 94.13 |  |  | Snow |
| 19:00 | -1.8 | -3.4 | 89 |    | 0 | 4.8 | 94.06 |  |  | Snow |
| 20:00 | -1.7 | -3.3 | 89 |    | 0 | 1.4 | 94.02 |  |  | Snow |
| 21:00 | -1.6 | -3.2 | 89 |    | 0 | 6.4 | 94.04 |  |  | Snow |
| 22:00 | -1.5 | -3.2 | 88 |    | 0 | 2.9 | 94.07 |  |  | Snow |
| 23:00 | -1.4 | -3.0 | 89 |    | 0 | 1.3 | 94.13 |  |  | Snow |

## Hourly Data Report for December 13, 2008

| Hourly Data Report for December 13, 2008 |            |                      |              |                      |                  |                  |                  |      |            |         |
|------------------------------------------|------------|----------------------|--------------|----------------------|------------------|------------------|------------------|------|------------|---------|
| Time                                     | Temp<br>°C | Dew Point Temp<br>°C | Rel Hum<br>% | Wind Dir<br>10's deg | Wind Spd<br>km/h | Visibility<br>km | Stn Press<br>kPa | Hmdx | Wind Chill | Weather |
| 00:00                                    | -1.3       | -2.8                 | 90           |                      | 0                | 1.6              | 94.17            |      |            | Snow    |
| 01:00                                    | -1.2       | -2.7                 | 90           |                      | 0                | 1.8              | 94.21            |      |            | Snow    |
| 02:00                                    | -1.1       | -2.7                 | 89           |                      | 0                | 2.3              | 94.29            |      |            | Snow    |
| 03:00                                    | 0.4        | -2.0                 | 84           | 35                   | 28               | 5.6              | 94.33            |      |            | Snow    |
| 04:00                                    | -0.5       | -3.8                 | 78           | 35                   | 35               | 9.7              | 94.39            |      | -8         | Snow    |
| 05:00                                    | -0.6       | -4.2                 | 77           | 35                   | 33               | 4.8              | 94.52            |      | -8         | Snow    |
| 06:00                                    | -2.0       | -5.2                 | 79           | 35                   | 35               | 1.3              | 94.68            |      | -10        | Snow    |
| 07:00                                    | -2.9       | -7.8                 | 69           | 1                    | 39               | 1.9              | 94.83            |      | -11        | Snow    |
| 08:00                                    | -4.3       | -8.6                 | 72           | 36                   | 43               | 1.6              | 94.98            |      | -13        | Snow    |
| 09:00                                    | -5.7       | -9.1                 | 77           | 35                   | 37               | 1.0              | 95.18            |      | -15        | Snow    |
| 10:00                                    | -6.3       | -10.2                | 74           | 34                   | 35               | 1.9              | 95.34            |      | -15        | Snow    |
| 11:00                                    | -6.8       | -11.7                | 68           | 36                   | 33               | 2.6              | 95.43            |      | -16        | Snow    |
| 12:00                                    | -7.4       | -12.6                | 66           | 36                   | 35               | 2.7              | 95.53            |      | -17        | Snow    |
| 13:00                                    | -7.9       | -13.1                | 66           | 34                   | 32               | 4.8              | 95.60            |      | -17        | Snow    |
| 14:00                                    | -8.4       | -12.9                | 70           | 34                   | 22               | 9.7              | 95.68            |      | -16        | Snow    |
| 15:00                                    | -8.9       | -12.8                | 73           | 34                   | 30               | 2.4              | 95.76            |      | -18        | Snow    |
| 16:00                                    | -9.3       | -13.4                | 72           | 34                   | 24               | 4.8              | 95.82            |      | -18        | Snow    |
| 17:00                                    | -9.6       | -13.8                | 71           | 34                   | 26               | 3.2              | 95.89            |      | -18        | Snow    |
| 18:00                                    | -9.7       | -14.2                | 70           | 36                   | 24               | 5.6              | 95.95            |      | -18        | Snow    |
| 19:00                                    | -9.9       | -14.0                | 72           | 36                   | 19               | 2.9              | 96.02            |      | -18        | Snow    |
| 20:00                                    | -9.9       | -14.1                | 71           | 35                   | 22               | 12.9             | 96.05            |      | -18        |         |
| 21:00                                    | -9.9       | -14.0                | 72           | 1                    | 15               | 3.9              | 96.08            |      | -17        | Snow    |
| 22:00                                    | -9.9       | -13.7                | 74           | 4                    | 9                | 2.1              | 96.15            |      |            | Snow    |

|       |       |       |    |   |   |     |       |  |  |      |
|-------|-------|-------|----|---|---|-----|-------|--|--|------|
| 23:00 | -10.0 | -13.2 | 77 | 3 | 7 | 3.1 | 96.19 |  |  | Snow |
|-------|-------|-------|----|---|---|-----|-------|--|--|------|

## Hourly Data Report for December 14, 2008

| Hourly Data Report for December 14, 2008     |                       |                                 |                         |                             |                             |                             |                             |             |                   |                |
|----------------------------------------------|-----------------------|---------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|-------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point Temp</u><br>°C<br> | <u>Rel Hum</u><br>%<br> | <u>Wind Dir</u><br>10's deg | <u>Wind Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind Chill</u> | <u>Weather</u> |
| 00:00                                        | -9.9                  | -14.1                           | 71                      | 1                           | 15                          | 4.0                         | 96.23                       |             | -17               | Snow           |
| 01:00                                        | -10.3                 | -14.1                           | 74                      | 36                          | 19                          | 6.4                         | 96.25                       |             | -18               | Snow           |
| 02:00                                        | -10.0                 | -14.4                           | 70                      | 1                           | 19                          | 8.0                         | 96.32                       |             | -18               | Snow           |
| 03:00                                        | -10.1                 | -14.0                           | 73                      | 36                          | 22                          | 9.7                         | 96.37                       |             | -18               |                |
| 04:00                                        | -10.3                 | -15.0                           | 68                      | 36                          | 22                          | 15.0                        | 96.42                       |             | -19               | Snow           |
| 05:00                                        | -10.3                 | -15.0                           | 68                      | 1                           | 22                          | 15.0                        | 96.48                       |             | -19               |                |
| 06:00                                        | -10.5                 | -15.4                           | 67                      | 36                          | 24                          | 12.9                        | 96.54                       |             | -19               | Snow           |
| 07:00                                        | -10.8                 | -15.5                           | 68                      | 36                          | 30                          | 15.0                        | 96.61                       |             | -21               |                |
| 08:00                                        | -11.3                 | -16.0                           | 68                      | 36                          | 28                          | 15.0                        | 96.68                       |             | -21               |                |
| 09:00                                        | -11.3                 | -15.8                           | 69                      | 36                          | 26                          | 15.0                        | 96.76                       |             | -21               |                |
| 10:00                                        | -10.9                 | -15.5                           | 69                      | 36                          | 30                          | 15.0                        | 96.86                       |             | -21               |                |
| 11:00                                        | -11.0                 | -16.3                           | 65                      | 1                           | 26                          | 15.0                        | 96.89                       |             | -20               |                |
| 12:00                                        | -11.0                 | -15.7                           | 68                      | 35                          | 30                          | 15.0                        | 96.92                       |             | -21               |                |
| 13:00                                        | -11.0                 | -15.7                           | 68                      | 36                          | 24                          | 15.0                        | 96.94                       |             | -20               |                |
| 14:00                                        | -10.7                 | -16.1                           | 64                      | 35                          | 30                          | 15.0                        | 96.92                       |             | -20               |                |
| 15:00                                        | -11.2                 | -16.3                           | 66                      | 35                          | 26                          | 15.0                        | 96.97                       |             | -20               |                |
| 16:00                                        | -11.4                 | -17.0                           | 63                      | 2                           | 17                          | 15.0                        | 97.05                       |             | -19               |                |
| 17:00                                        | -11.7                 | -17.5                           | 62                      | 2                           | 20                          | 15.0                        | 97.12                       |             | -20               |                |
| 18:00                                        | -11.7                 | -17.7                           | 61                      | 2                           | 17                          | 15.0                        | 97.17                       |             | -19               |                |
| 19:00                                        | -12.0                 | -17.8                           | 62                      | 2                           | 20                          | 15.0                        | 97.22                       |             | -20               |                |
| 20:00                                        | -13.0                 | -18.3                           | 64                      | 3                           | 15                          | 15.0                        | 97.27                       |             | -20               |                |
| 21:00                                        | -13.3                 | -18.5                           | 65                      | 2                           | 15                          | 15.0                        | 97.33                       |             | -21               |                |
| 22:00                                        | -15.0                 | -19.3                           | 70                      | 4                           | 9                           | 15.0                        | 97.40                       |             |                   |                |
| 23:00                                        | -15.1                 | -20.0                           | 66                      | 8                           | 9                           | 15.0                        | 97.45                       |             |                   |                |

## Hourly Data Report for December 16, 2008

| Hourly Data Report for December 16, 2008     |                       |                                 |                         |                             |                             |                             |                             |             |                   |                |
|----------------------------------------------|-----------------------|---------------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|-------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point Temp</u><br>°C<br> | <u>Rel Hum</u><br>%<br> | <u>Wind Dir</u><br>10's deg | <u>Wind Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind Chill</u> | <u>Weather</u> |

|       |       |       |    |    |    |      |       |  |      |
|-------|-------|-------|----|----|----|------|-------|--|------|
| 00:00 | -20.6 | -23.9 | 75 |    | 0  | 15.0 | 97.96 |  |      |
| 01:00 | -20.9 | -24.2 | 75 |    | 0  | 15.0 | 97.89 |  |      |
| 02:00 | -21.0 | -23.9 | 77 |    | 0  | 15.0 | 97.88 |  |      |
| 03:00 | -23.5 | -26.8 | 74 | 2  | 4  | 15.0 | 97.86 |  |      |
| 04:00 | -23.6 | -27.3 | 72 | 4  | 6  | 15.0 | 97.83 |  |      |
| 05:00 | -22.9 | -25.8 | 77 | 9  | 4  | 15.0 | 97.79 |  |      |
| 06:00 | -23.8 | -27.1 | 74 | 1  | 6  | 15.0 | 97.76 |  |      |
| 07:00 | -21.3 | -24.2 | 77 | 36 | 6  | 15.0 | 97.74 |  |      |
| 08:00 | -23.9 | -26.9 | 76 |    | 0  | 15.0 | 97.69 |  |      |
| 09:00 | -21.6 | -24.1 | 80 |    | 0  | 15.0 | 97.67 |  |      |
| 10:00 | -18.3 | -22.9 | 67 |    | 0  | 15.0 | 97.65 |  |      |
| 11:00 | -16.9 | -22.3 | 63 |    | 0  | 15.0 | 97.57 |  |      |
| 12:00 | -14.8 | -20.1 | 64 | 35 | 13 | 15.0 | 97.45 |  | -22  |
| 13:00 | -14.3 | -19.7 | 64 | 36 | 13 | 15.0 | 97.33 |  | -21  |
| 14:00 | -14.4 | -19.8 | 64 | 36 | 11 | 15.0 | 97.17 |  | -21  |
| 15:00 | -15.4 | -20.3 | 66 | 35 | 7  | 15.0 | 97.09 |  |      |
| 16:00 | -15.1 | -20.2 | 65 |    | 0  | 15.0 | 96.99 |  |      |
| 17:00 | -15.5 | -19.8 | 70 | 4  | 4  | 15.0 | 96.91 |  |      |
| 18:00 | -15.2 | -19.1 | 72 |    | 0  | 15.0 | 96.81 |  |      |
| 19:00 | -14.8 | -18.6 | 73 |    | 0  | 15.0 | 96.75 |  |      |
| 20:00 | -14.5 | -18.5 | 72 | 20 | 4  | 15.0 | 96.58 |  |      |
| 21:00 | -14.3 | -18.2 | 72 |    | 0  | 15.0 | 96.55 |  |      |
| 22:00 | -13.2 | -17.2 | 72 | 19 | 4  | 11.3 | 96.52 |  | Snow |
| 23:00 | -13.1 | -15.6 | 81 | 16 | 4  | 1.1  | 96.50 |  | Snow |

## Hourly Data Report for December 17, 2008

| Hourly Data Report for December 17, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -12.5                 | -15.0                                     | 82                                | 18                                       | 7                                     | 1.1                         | 96.49                                 |             |                             | Snow           |
| 01:00                                        | -12.5                 | -14.9                                     | 82                                |                                          | 0                                     | 3.9                         | 96.44                                 |             |                             | Snow           |
| 02:00                                        | -11.2                 | -14.6                                     | 76                                | 15                                       | 9                                     | 5.6                         | 96.43                                 |             |                             | Snow           |

|       |       |       |    |    |    |      |       |  |     |      |
|-------|-------|-------|----|----|----|------|-------|--|-----|------|
| 03:00 | -11.2 | -14.2 | 78 | 16 | 7  | 2.6  | 96.42 |  |     | Snow |
| 04:00 | -11.1 | -14.3 | 77 | 16 | 11 | 3.2  | 96.42 |  | -17 | Snow |
| 05:00 | -11.1 | -14.2 | 78 | 15 | 6  | 2.1  | 96.42 |  |     | Snow |
| 06:00 | -11.2 | -14.2 | 78 | 13 | 9  | 1.8  | 96.45 |  |     | Snow |
| 07:00 | -11.3 | -14.4 | 78 | 14 | 9  | 2.6  | 96.44 |  |     | Snow |
| 08:00 | -11.4 | -14.5 | 78 | 13 | 6  | 5.6  | 96.43 |  |     | Snow |
| 09:00 | -11.4 | -14.8 | 76 | 16 | 4  | 15.0 | 96.47 |  |     |      |
| 10:00 | -10.8 | -14.1 | 77 |    | 0  | 5.6  | 96.45 |  |     | Snow |
| 11:00 | -10.8 | -14.2 | 76 |    | 0  | 15.0 | 96.47 |  |     |      |
| 12:00 | -10.6 | -14.4 | 74 | 32 | 4  | 11.3 | 96.34 |  |     | Snow |
| 13:00 | -10.5 | -14.2 | 74 | 35 | 24 | 11.3 | 96.14 |  | -19 | Snow |
| 14:00 | -10.6 | -14.3 | 74 | 35 | 28 | 11.3 | 96.07 |  | -20 | Snow |
| 15:00 | -10.6 | -15.0 | 70 | 36 | 28 | 5.6  | 96.05 |  | -20 | Snow |
| 16:00 | -10.9 | -13.9 | 79 | 36 | 9  | 2.3  | 96.03 |  |     | Snow |
| 17:00 | -10.9 | -13.6 | 80 | 5  | 4  | 3.1  | 95.97 |  |     | Snow |
| 18:00 | -11.0 | -13.5 | 82 | 35 | 4  | 1.8  | 95.93 |  |     | Snow |
| 19:00 | -11.0 | -13.7 | 80 |    | 0  | 2.3  | 95.90 |  |     | Snow |
| 20:00 | -11.7 | -14.1 | 82 | 4  | 4  | 8.0  | 95.82 |  |     | Snow |
| 21:00 | -12.3 | -15.1 | 80 | 3  | 4  | 12.9 | 95.79 |  |     |      |
| 22:00 | -12.8 | -15.6 | 79 | 1  | 4  | 15.0 | 95.74 |  |     |      |
| 23:00 | -12.5 | -15.7 | 77 |    | 0  | 14.5 | 95.77 |  |     | Snow |

## Hourly Data Report for December 18, 2008

| Hourly Data Report for December 18, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -12.5                 | -15.3                                     | 80                                | 4                                        | 4                                     | 8.0                         | 95.71                                 |             |                             | Snow           |
| 01:00                                        | -12.5                 | -15.0                                     | 82                                |                                          | 0                                     | 4.8                         | 95.69                                 |             |                             | Snow           |
| 02:00                                        | -11.9                 | -14.4                                     | 82                                | 4                                        | 4                                     | 1.6                         | 95.68                                 |             |                             | Snow           |
| 03:00                                        | -11.7                 | -13.9                                     | 84                                |                                          | 0                                     | 2.1                         | 95.67                                 |             |                             | Snow           |
| 04:00                                        | -11.2                 | -13.7                                     | 82                                |                                          | 0                                     | 2.6                         | 95.67                                 |             |                             | Snow           |
| 05:00                                        | -11.7                 | -13.9                                     | 84                                |                                          | 0                                     | 3.7                         | 95.67                                 |             |                             | Snow           |






|       |       |       |    |    |    |      |       |  |     |      |
|-------|-------|-------|----|----|----|------|-------|--|-----|------|
| 06:00 | -11.7 | -14.1 | 82 |    | 0  | 12.9 | 95.68 |  |     |      |
| 07:00 | -11.3 | -13.8 | 82 |    | 0  | 1.9  | 95.68 |  |     | Snow |
| 08:00 | -11.6 | -13.9 | 83 | 36 | 4  | 3.4  | 95.67 |  |     | Snow |
| 09:00 | -11.0 | -13.6 | 81 | 2  | 4  | 3.5  | 95.71 |  |     | Snow |
| 10:00 | -10.4 | -13.5 | 78 | 10 | 6  | 4.0  | 95.75 |  |     | Snow |
| 11:00 | -10.4 | -13.5 | 78 | 3  | 9  | 3.2  | 95.74 |  |     | Snow |
| 12:00 | -10.0 | -12.9 | 79 | 34 | 9  | 2.7  | 95.74 |  |     | Snow |
| 13:00 | -9.7  | -13.5 | 74 | 36 | 13 | 4.0  | 95.74 |  | -16 | Snow |
| 14:00 | -9.9  | -13.7 | 74 | 1  | 17 | 9.7  | 95.74 |  | -17 |      |
| 15:00 | -9.9  | -13.3 | 76 | 1  | 9  | 4.8  | 95.81 |  |     | Snow |
| 16:00 | -10.3 | -13.9 | 75 | 33 | 19 | 5.6  | 95.89 |  | -18 | Snow |
| 17:00 | -10.8 | -14.8 | 72 | 34 | 19 | 15.0 | 95.99 |  | -19 |      |
| 18:00 | -11.4 | -15.4 | 72 | 34 | 15 | 15.0 | 96.06 |  | -18 |      |
| 19:00 | -12.8 | -17.2 | 70 | 35 | 13 | 15.0 | 96.15 |  | -20 |      |
| 20:00 | -12.9 | -17.6 | 68 | 36 | 11 | 15.0 | 96.22 |  | -19 |      |
| 21:00 | -12.3 | -18.4 | 60 | 34 | 17 | 15.0 | 96.32 |  | -20 |      |
| 22:00 | -12.5 | -18.4 | 61 | 34 | 13 | 15.0 | 96.43 |  | -19 |      |
| 23:00 | -12.4 | -19.2 | 57 | 33 | 19 | 15.0 | 96.53 |  | -21 |      |

## Hourly Data Report for December 21, 2008

| Hourly Data Report for December 21, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -19.1                 | -24.0                                     | 65                                |                                          | 0                                     | 9.7                         | 97.88                                 |             |                             |                |
| 01:00                                        | -18.7                 | -23.4                                     | 66                                | 11                                       | 4                                     | 3.4                         | 97.70                                 |             |                             | Snow           |
| 02:00                                        | -18.0                 | -22.3                                     | 69                                | 21                                       | 4                                     | 1.0                         | 97.64                                 |             |                             | Snow           |
| 03:00                                        | -18.0                 | -22.2                                     | 70                                |                                          | 0                                     | 1.4                         | 97.50                                 |             |                             | Snow           |
| 04:00                                        | -17.7                 | -21.9                                     | 70                                |                                          | 0                                     | 3.4                         | 97.38                                 |             |                             | Snow           |
| 05:00                                        | -17.5                 | -21.6                                     | 70                                |                                          | 0                                     | 2.1                         | 97.25                                 |             |                             | Snow           |
| 06:00                                        | -17.1                 | -21.3                                     | 70                                | 6                                        | 4                                     | 2.1                         | 97.13                                 |             |                             | Snow           |
| 07:00                                        | -16.8                 | -21.0                                     | 70                                |                                          | 0                                     | 1.9                         | 97.06                                 |             |                             | Snow           |
| 08:00                                        | -16.6                 | -20.6                                     | 71                                |                                          | 0                                     | 2.6                         | 96.98                                 |             |                             | Snow           |

|       |       |       |    |    |   |      |       |  |  |      |
|-------|-------|-------|----|----|---|------|-------|--|--|------|
| 09:00 | -16.2 | -20.5 | 69 |    | 0 | 6.4  | 96.94 |  |  | Snow |
| 10:00 | -15.5 | -19.6 | 71 |    | 0 | 2.1  | 96.90 |  |  | Snow |
| 11:00 | -15.2 | -19.3 | 71 |    | 0 | 1.8  | 96.81 |  |  | Snow |
| 12:00 | -14.6 | -18.6 | 72 |    | 0 | 1.8  | 96.69 |  |  | Snow |
| 13:00 | -14.1 | -18.2 | 71 |    | 0 | 4.0  | 96.63 |  |  | Snow |
| 14:00 | -13.5 | -17.4 | 72 |    | 0 | 2.3  | 96.54 |  |  | Snow |
| 15:00 | -13.4 | -17.0 | 74 |    | 0 | 2.3  | 96.44 |  |  | Snow |
| 16:00 | -13.7 | -17.2 | 75 |    | 0 | 6.4  | 96.38 |  |  | Snow |
| 17:00 | -14.4 | -17.8 | 75 |    | 0 | 8.0  | 96.29 |  |  |      |
| 18:00 | -16.1 | -19.7 | 74 | 5  | 4 | 6.4  | 96.22 |  |  |      |
| 19:00 | -17.2 | -20.8 | 74 | 36 | 4 | 14.5 | 96.14 |  |  |      |
| 20:00 | -18.0 | -22.2 | 70 |    | 0 | 15.0 | 96.08 |  |  |      |
| 21:00 | -19.4 | -23.6 | 69 | 35 | 9 | 15.0 | 95.99 |  |  |      |
| 22:00 | -18.2 | -22.2 | 71 | 35 | 4 | 15.0 | 95.97 |  |  |      |
| 23:00 | -16.0 | -19.9 | 72 | 2  | 6 | 15.0 | 95.94 |  |  |      |

## Hourly Data Report for December 22, 2008

| Hourly Data Report for December 22, 2008     |                                                                                                          |                                                                                                                              |                                                                                                                      |                                          |                                                                                                                          |                                                                                                                |                                                                                                                            |             |                             |                |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -14.9                                                                                                    | -18.8                                                                                                                        | 72                                                                                                                   |                                          | 0                                                                                                                        | 15.0                                                                                                           | 95.94                                                                                                                      |             |                             |                |
| 01:00                                        | -14.7                                                                                                    | -18.5                                                                                                                        | 73                                                                                                                   |                                          | 0                                                                                                                        | 15.0                                                                                                           | 95.93                                                                                                                      |             |                             |                |
| 02:00                                        | -13.2                                                                                                    | -16.8                                                                                                                        | 74                                                                                                                   |                                          | 0                                                                                                                        | 8.0                                                                                                            | 95.91                                                                                                                      |             |                             | Snow           |
| 03:00                                        | -13.2                                                                                                    | -16.6                                                                                                                        | 76                                                                                                                   |                                          | 0                                                                                                                        | 15.0                                                                                                           | 95.93                                                                                                                      |             |                             |                |
| 04:00                                        | -12.0                                                                                                    | -15.4                                                                                                                        | 76                                                                                                                   |                                          | 0                                                                                                                        | 9.7                                                                                                            | 95.95                                                                                                                      |             |                             |                |
| 05:00                                        | -12.0                                                                                                    | -15.6                                                                                                                        | 75                                                                                                                   | 4                                        | 6                                                                                                                        | 12.9                                                                                                           | 95.92                                                                                                                      |             |                             | Snow           |
| 06:00                                        | -11.7                                                                                                    | -16.0                                                                                                                        | 70                                                                                                                   | 36                                       | 9                                                                                                                        | 15.0                                                                                                           | 95.90                                                                                                                      |             |                             | Snow           |
| 07:00                                        | -11.7                                                                                                    | -15.6                                                                                                                        | 73                                                                                                                   | 2                                        | 7                                                                                                                        | 15.0                                                                                                           | 95.90                                                                                                                      |             |                             |                |
| 08:00                                        | -11.7                                                                                                    | -15.6                                                                                                                        | 73                                                                                                                   | 34                                       | 7                                                                                                                        | 12.9                                                                                                           | 95.94                                                                                                                      |             |                             |                |
| 09:00                                        | -14.5                                                                                                    | -18.7                                                                                                                        | 70                                                                                                                   | 36                                       | 4                                                                                                                        | 12.9                                                                                                           | 96.00                                                                                                                      |             |                             | Snow           |
| 10:00                                        | -14.7                                                                                                    | -18.9                                                                                                                        | 70                                                                                                                   | 3                                        | 4                                                                                                                        | 14.5                                                                                                           | 96.06                                                                                                                      |             |                             | Snow           |
| 11:00                                        | -13.8                                                                                                    | -17.9                                                                                                                        | 71                                                                                                                   |                                          | 0                                                                                                                        | 15.0                                                                                                           | 96.06                                                                                                                      |             |                             |                |

|       |       |       |    |    |   |      |       |  |  |  |
|-------|-------|-------|----|----|---|------|-------|--|--|--|
| 12:00 | -17.3 | -21.2 | 72 |    | 0 | 15.0 | 96.06 |  |  |  |
| 13:00 | -11.7 | -16.9 | 65 |    | 0 | 15.0 | 96.04 |  |  |  |
| 14:00 | -10.4 | -16.9 | 59 | 18 | 4 | 15.0 | 96.07 |  |  |  |
| 15:00 | -10.8 | -17.4 | 58 | 2  | 7 | 15.0 | 96.14 |  |  |  |
| 16:00 | -13.0 | -19.2 | 60 | 3  | 4 | 15.0 | 96.19 |  |  |  |
| 17:00 | -18.7 | -22.7 | 71 |    | 0 | 15.0 | 96.24 |  |  |  |
| 18:00 | -18.7 | -23.2 | 68 |    | 0 | 15.0 | 96.28 |  |  |  |
| 19:00 | -18.5 | -22.4 | 71 |    | 0 | 15.0 | 96.33 |  |  |  |
| 20:00 | -19.8 | -23.6 | 72 | 36 | 9 | 15.0 | 96.37 |  |  |  |
| 21:00 | -21.1 | -25.1 | 70 | 1  | 6 | 15.0 | 96.40 |  |  |  |
| 22:00 | -20.9 | -26.3 | 62 | 34 | 6 | 15.0 | 96.46 |  |  |  |
| 23:00 | -22.2 | -26.4 | 69 | 1  | 4 | 15.0 | 96.49 |  |  |  |

### Hourly Data Report for December 23, 2008

| Hourly Data Report for December 23, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -23.4                 | -28.0                                     | 66                                | 3                                        | 4                                     | 14.5                        | 96.50                                 |             |                             |                |
| 01:00                                        | -22.4                 | -27.3                                     | 64                                | 4                                        | 6                                     | 15.0                        | 96.50                                 |             |                             |                |
| 02:00                                        | -23.5                 | -28.4                                     | 64                                | 36                                       | 6                                     | 15.0                        | 96.52                                 |             |                             |                |
| 03:00                                        | -25.3                 | -30.1                                     | 64                                |                                          | 0                                     | 15.0                        | 96.53                                 |             |                             |                |
| 04:00                                        | -24.8                 | -29.5                                     | 65                                | 2                                        | 4                                     | 15.0                        | 96.53                                 |             |                             |                |
| 05:00                                        | -21.8                 | -26.0                                     | 69                                | 1                                        | 6                                     | 15.0                        | 96.54                                 |             |                             |                |
| 06:00                                        | -26.1                 | -30.9                                     | 64                                | 7                                        | 4                                     | 15.0                        | 96.54                                 |             |                             |                |
| 07:00                                        | -23.1                 | -27.4                                     | 68                                | 3                                        | 6                                     | 15.0                        | 96.52                                 |             |                             |                |
| 08:00                                        | -23.4                 | -27.7                                     | 68                                | 36                                       | 7                                     | 15.0                        | 96.54                                 |             |                             |                |
| 09:00                                        | -25.2                 | -29.7                                     | 66                                | 4                                        | 4                                     | 15.0                        | 96.57                                 |             |                             |                |
| 10:00                                        | -20.2                 | -24.1                                     | 71                                |                                          | 0                                     | 15.0                        | 96.58                                 |             |                             |                |
| 11:00                                        | -18.7                 | -23.0                                     | 69                                | 2                                        | 4                                     | 15.0                        | 96.55                                 |             |                             |                |
| 12:00                                        | -17.0                 | -21.7                                     | 67                                |                                          | 0                                     | 15.0                        | 96.50                                 |             |                             |                |
| 13:00                                        | -15.4                 | -20.7                                     | 64                                | 18                                       | 4                                     | 15.0                        | 96.45                                 |             |                             |                |
| 14:00                                        | -14.5                 | -20.1                                     | 62                                |                                          | 0                                     | 15.0                        | 96.44                                 |             |                             |                |

|       |       |       |    |    |   |      |       |  |  |      |
|-------|-------|-------|----|----|---|------|-------|--|--|------|
| 15:00 | -14.0 | -19.4 | 64 |    | 0 | 15.0 | 96.45 |  |  |      |
| 16:00 | -13.4 | -18.5 | 65 |    | 0 | 15.0 | 96.47 |  |  |      |
| 17:00 | -13.4 | -18.5 | 65 |    | 0 | 15.0 | 96.46 |  |  |      |
| 18:00 | -13.7 | -17.9 | 71 |    | 0 | 15.0 | 96.42 |  |  |      |
| 19:00 | -13.0 | -17.7 | 68 |    | 0 | 11.3 | 96.40 |  |  |      |
| 20:00 | -12.7 | -17.4 | 68 |    | 0 | 15.0 | 96.38 |  |  |      |
| 21:00 | -12.4 | -17.4 | 66 | 19 | 4 | 15.0 | 96.37 |  |  | Snow |
| 22:00 | -12.0 | -16.9 | 67 | 18 | 4 | 15.0 | 96.35 |  |  | Snow |
| 23:00 | -11.7 | -16.0 | 70 |    | 0 | 12.9 | 96.32 |  |  | Snow |

## Hourly Data Report for December 24, 2008

| Hourly Data Report for December 24, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -11.3                 | -15.2                                     | 73                                | 20                                       | 4                                     | 15.0                        | 96.24                                 |             |                             |                |
| 01:00                                        | -11.2                 | -15.2                                     | 72                                | 19                                       | 4                                     | 15.0                        | 96.20                                 |             |                             |                |
| 02:00                                        | -11.0                 | -15.0                                     | 72                                |                                          | 0                                     | 15.0                        | 96.16                                 |             |                             |                |
| 03:00                                        | -11.7                 | -15.0                                     | 76                                |                                          | 0                                     | 15.0                        | 96.13                                 |             |                             | Snow           |
| 04:00                                        | -11.0                 | -14.2                                     | 77                                |                                          | 0                                     | 4.8                         | 96.01                                 |             |                             | Snow           |
| 05:00                                        | -11.2                 | -14.0                                     | 80                                |                                          | 0                                     | 4.8                         | 95.94                                 |             |                             | Snow           |
| 06:00                                        | -10.9                 | -13.7                                     | 80                                |                                          | 0                                     | 2.1                         | 95.85                                 |             |                             | Snow           |
| 07:00                                        | -10.7                 | -13.5                                     | 80                                |                                          | 0                                     | 2.6                         | 95.75                                 |             |                             | Snow           |
| 08:00                                        | -10.6                 | -13.4                                     | 80                                |                                          | 0                                     | 2.1                         | 95.63                                 |             |                             | Snow           |
| 09:00                                        | -10.3                 | -13.3                                     | 79                                | 8                                        | 4                                     | 1.4                         | 95.55                                 |             |                             | Snow           |
| 10:00                                        | -9.9                  | -13.2                                     | 77                                |                                          | 0                                     | 12.9                        | 95.44                                 |             |                             | Snow           |
| 11:00                                        | -9.2                  | -12.9                                     | 74                                |                                          | 0                                     | 3.5                         | 95.32                                 |             |                             | Snow           |
| 12:00                                        | -8.9                  | -12.4                                     | 76                                |                                          | 0                                     | 3.9                         | 95.21                                 |             |                             | Snow           |
| 13:00                                        | -8.5                  | -12.2                                     | 75                                |                                          | 0                                     | 15.0                        | 95.08                                 |             |                             |                |
| 14:00                                        | -7.8                  | -12.4                                     | 69                                |                                          | 0                                     | 15.0                        | 94.97                                 |             |                             |                |
| 15:00                                        | -8.5                  | -12.9                                     | 70                                | 9                                        | 4                                     | 15.0                        | 94.87                                 |             |                             |                |
| 16:00                                        | -8.7                  | -12.9                                     | 72                                | 1                                        | 6                                     | 15.0                        | 94.84                                 |             |                             |                |
| 17:00                                        | -9.1                  | -12.7                                     | 75                                | 1                                        | 6                                     | 15.0                        | 94.77                                 |             |                             |                |

|       |      |       |    |    |   |      |       |  |  |      |
|-------|------|-------|----|----|---|------|-------|--|--|------|
| 18:00 | -9.3 | -12.7 | 76 |    | 0 | 15.0 | 94.72 |  |  |      |
| 19:00 | -8.9 | -12.3 | 76 | 8  | 4 | 5.6  | 94.63 |  |  | Snow |
| 20:00 | -8.7 | -11.9 | 78 | 28 | 6 | 3.5  | 94.61 |  |  | Snow |
| 21:00 | -9.0 | -11.9 | 79 |    | 0 | 11.3 | 94.57 |  |  |      |
| 22:00 | -8.9 | -11.9 | 79 |    | 0 | 4.8  | 94.59 |  |  | Snow |
| 23:00 | -8.6 | -11.5 | 80 | 4  | 4 | 5.6  | 94.58 |  |  | Snow |

## Hourly Data Report for December 25, 2008







| Hourly Data Report for December 25, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -8.5                  | -11.2                                     | 81                                |                                          | 0                                     | 1.3                         | 94.61                                 |             |                             | Snow           |
| 01:00                                        | -9.8                  | -12.7                                     | 79                                | 8                                        | 6                                     | 8.0                         | 94.63                                 |             |                             | Snow           |
| 02:00                                        | -9.9                  | -12.6                                     | 81                                | 35                                       | 4                                     | 11.3                        | 94.65                                 |             |                             |                |
| 03:00                                        | -10.8                 | -13.7                                     | 79                                | 22                                       | 6                                     | 11.3                        | 94.64                                 |             |                             |                |
| 04:00                                        | -11.9                 | -14.9                                     | 78                                |                                          | 0                                     | 15.0                        | 94.65                                 |             |                             |                |
| 05:00                                        | -7.9                  | -10.7                                     | 80                                | 2                                        | 4                                     | 15.0                        | 94.70                                 |             |                             |                |
| 06:00                                        | -9.3                  | -12.4                                     | 78                                | 18                                       | 4                                     | 15.0                        | 94.76                                 |             |                             |                |
| 07:00                                        | -8.4                  | -11.6                                     | 78                                |                                          | 0                                     | 15.0                        | 94.84                                 |             |                             |                |
| 08:00                                        | -9.4                  | -12.4                                     | 79                                |                                          | 0                                     | 15.0                        | 94.88                                 |             |                             |                |
| 09:00                                        | -8.2                  | -11.3                                     | 78                                |                                          | 0                                     | 15.0                        | 95.00                                 |             |                             | Snow           |
| 10:00                                        | -7.6                  | -11.3                                     | 75                                | 1                                        | 6                                     | 15.0                        | 95.06                                 |             |                             | Snow           |
| 11:00                                        | -6.8                  | -10.6                                     | 74                                | 3                                        | 6                                     | 15.0                        | 95.09                                 |             |                             |                |
| 12:00                                        | -6.1                  | -10.2                                     | 73                                |                                          | 0                                     | 15.0                        | 95.11                                 |             |                             |                |
| 13:00                                        | -5.8                  | -9.8                                      | 73                                |                                          | 0                                     | 15.0                        | 95.16                                 |             |                             | Snow           |
| 14:00                                        | -5.5                  | -10.0                                     | 71                                |                                          | 0                                     | 15.0                        | 95.23                                 |             |                             |                |
| 15:00                                        | -5.4                  | -9.9                                      | 71                                |                                          | 0                                     | 15.0                        | 95.32                                 |             |                             |                |
| 16:00                                        | -6.1                  | -10.1                                     | 73                                |                                          | 0                                     | 15.0                        | 95.41                                 |             |                             |                |
| 17:00                                        | -7.3                  | -10.7                                     | 77                                | 6                                        | 4                                     | 15.0                        | 95.50                                 |             |                             |                |
| 18:00                                        | -6.5                  | -10.2                                     | 75                                | 7                                        | 4                                     | 12.9                        | 95.58                                 |             |                             |                |
| 19:00                                        | -7.5                  | -10.8                                     | 77                                |                                          | 0                                     | 15.0                        | 95.65                                 |             |                             |                |
| 20:00                                        | -7.0                  | -10.4                                     | 77                                | 4                                        | 4                                     | 15.0                        | 95.74                                 |             |                             |                |

|       |      |       |    |    |   |      |       |  |  |      |
|-------|------|-------|----|----|---|------|-------|--|--|------|
| 21:00 | -8.3 | -11.5 | 78 | 34 | 6 | 15.0 | 95.81 |  |  |      |
| 22:00 | -7.5 | -10.7 | 78 | 35 | 6 | 15.0 | 95.91 |  |  |      |
| 23:00 | -7.0 | -10.3 | 77 |    | 0 | 11.3 | 95.99 |  |  | Snow |

## Hourly Data Report for December 26, 2008

| Hourly Data Report for December 26, 2008     |                   |                                       |                               |                                          |                                   |                         |                                   |             |                             |                |
|----------------------------------------------|-------------------|---------------------------------------|-------------------------------|------------------------------------------|-----------------------------------|-------------------------|-----------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C | <u>Dew Point</u><br><u>Temp</u><br>°C | <u>Rel</u><br><u>Hum</u><br>% | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h | <u>Visibility</u><br>km | <u>Stn</u><br><u>Press</u><br>kPa | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -9.2              | -12.0                                 | 80                            | 1                                        | 6                                 | 12.9                    | 96.07                             |             |                             |                |
| 01:00                                        | -12.0             | -15.0                                 | 78                            | 34                                       | 7                                 | 11.3                    | 96.18                             |             |                             |                |
| 02:00                                        | -14.5             | -17.7                                 | 77                            |                                          | 0                                 | 15.0                    | 96.27                             |             |                             |                |
| 03:00                                        | -11.7             | -14.8                                 | 78                            | 8                                        | 4                                 | 15.0                    | 96.35                             |             |                             |                |
| 04:00                                        | -14.1             | -17.6                                 | 75                            |                                          | 0                                 | 15.0                    | 96.42                             |             |                             |                |
| 05:00                                        | -16.9             | -20.0                                 | 77                            |                                          | 0                                 | 15.0                    | 96.47                             |             |                             |                |
| 06:00                                        | -16.9             | -19.8                                 | 78                            |                                          | 0                                 | 15.0                    | 96.48                             |             |                             |                |
| 07:00                                        | -16.5             | -19.6                                 | 77                            |                                          | 0                                 | 15.0                    | 96.50                             |             |                             |                |
| 08:00                                        | -12.7             | -15.7                                 | 78                            |                                          | 0                                 | 15.0                    | 96.51                             |             |                             |                |
| 09:00                                        | -11.7             | -15.0                                 | 76                            |                                          | 0                                 | 15.0                    | 96.58                             |             |                             |                |
| 10:00                                        | -10.9             | -14.3                                 | 76                            |                                          | 0                                 | 15.0                    | 96.61                             |             |                             |                |
| 11:00                                        | -9.6              | -13.0                                 | 76                            |                                          | 0                                 | 15.0                    | 96.57                             |             |                             |                |
| 12:00                                        | -6.9              | -11.2                                 | 71                            | 17                                       | 9                                 | 15.0                    | 96.51                             |             |                             |                |
| 13:00                                        | -6.4              | -11.5                                 | 67                            | 15                                       | 7                                 | 15.0                    | 96.45                             |             |                             |                |
| 14:00                                        | -5.9              | -11.2                                 | 66                            | 15                                       | 7                                 | 15.0                    | 96.44                             |             |                             |                |
| 15:00                                        | -6.5              | -10.0                                 | 76                            | 15                                       | 6                                 | 3.5                     | 96.41                             |             |                             | Snow           |
| 16:00                                        | -6.2              | -10.0                                 | 74                            | 16                                       | 6                                 | 2.7                     | 96.35                             |             |                             | Snow           |
| 17:00                                        | -6.3              | -9.5                                  | 78                            | 14                                       | 11                                | 0.8                     | 96.36                             |             | -11                         | Snow           |
| 18:00                                        | -5.9              | -9.6                                  | 75                            | 12                                       | 7                                 | 2.6                     | 96.29                             |             |                             | Snow           |
| 19:00                                        | -5.8              | -9.5                                  | 75                            | 15                                       | 9                                 | 2.6                     | 96.25                             |             |                             | Snow           |
| 20:00                                        | -6.0              | -9.3                                  | 77                            | 13                                       | 6                                 | 1.3                     | 96.24                             |             |                             | Snow           |
| 21:00                                        | -6.0              | -9.7                                  | 75                            |                                          | 0                                 | 15.0                    | 96.15                             |             |                             |                |
| 22:00                                        | -5.5              | -10.2                                 | 69                            | 14                                       | 9                                 | 15.0                    | 96.09                             |             |                             |                |
| 23:00                                        | -5.3              | -10.0                                 | 69                            | 14                                       | 11                                | 15.0                    | 96.03                             |             | -10                         | Snow           |

## Hourly Data Report for December 27, 2008

| Hourly Data Report for December 27, 2008     |                                                                                                        |                                                                                                                            |                                                                                                                    |                                          |                                                                                                                        |                                                                                                              |                                                                                                                          |             |                             |                |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -5.3                                                                                                   | -9.7                                                                                                                       | 71                                                                                                                 | 16                                       | 9                                                                                                                      | 9.7                                                                                                          | 95.97                                                                                                                    |             |                             | Snow           |
| 01:00                                        | -5.2                                                                                                   | -9.6                                                                                                                       | 71                                                                                                                 | 12                                       | 7                                                                                                                      | 15.0                                                                                                         | 95.90                                                                                                                    |             |                             | Snow           |
| 02:00                                        | -5.2                                                                                                   | -9.5                                                                                                                       | 72                                                                                                                 | 13                                       | 6                                                                                                                      | 15.0                                                                                                         | 95.82                                                                                                                    |             |                             |                |
| 03:00                                        | -5.7                                                                                                   | -9.5                                                                                                                       | 75                                                                                                                 |                                          | 0                                                                                                                      | 15.0                                                                                                         | 95.73                                                                                                                    |             |                             |                |
| 04:00                                        | -5.6                                                                                                   | -9.5                                                                                                                       | 74                                                                                                                 |                                          | 0                                                                                                                      | 15.0                                                                                                         | 95.70                                                                                                                    |             |                             |                |
| 05:00                                        | -5.3                                                                                                   | -9.1                                                                                                                       | 75                                                                                                                 | 36                                       | 6                                                                                                                      | 15.0                                                                                                         | 95.64                                                                                                                    |             |                             | Snow           |
| 06:00                                        | -5.0                                                                                                   | -8.9                                                                                                                       | 74                                                                                                                 | 17                                       | 9                                                                                                                      | 15.0                                                                                                         | 95.65                                                                                                                    |             |                             |                |
| 07:00                                        | -4.7                                                                                                   | -8.7                                                                                                                       | 74                                                                                                                 | 15                                       | 7                                                                                                                      | 15.0                                                                                                         | 95.63                                                                                                                    |             |                             | Snow           |
| 08:00                                        | -4.7                                                                                                   | -8.3                                                                                                                       | 76                                                                                                                 | 35                                       | 4                                                                                                                      | 15.0                                                                                                         | 95.63                                                                                                                    |             |                             | Snow           |
| 09:00                                        | -3.6                                                                                                   | -7.3                                                                                                                       | 75                                                                                                                 |                                          | 0                                                                                                                      | 8.0                                                                                                          | 95.61                                                                                                                    |             |                             | Snow           |
| 10:00                                        | -3.6                                                                                                   | -7.4                                                                                                                       | 75                                                                                                                 | 12                                       | 4                                                                                                                      | 15.0                                                                                                         | 95.61                                                                                                                    |             |                             |                |
| 11:00                                        | -3.2                                                                                                   | -6.9                                                                                                                       | 76                                                                                                                 | 17                                       | 4                                                                                                                      | 15.0                                                                                                         | 95.61                                                                                                                    |             |                             |                |
| 12:00                                        | -2.9                                                                                                   | -6.8                                                                                                                       | 74                                                                                                                 | 20                                       | 6                                                                                                                      | 15.0                                                                                                         | 95.55                                                                                                                    |             |                             |                |
| 13:00                                        | -2.1                                                                                                   | -6.6                                                                                                                       | 71                                                                                                                 | 17                                       | 6                                                                                                                      | 15.0                                                                                                         | 95.53                                                                                                                    |             |                             |                |
| 14:00                                        | -1.7                                                                                                   | -6.3                                                                                                                       | 71                                                                                                                 | 18                                       | 7                                                                                                                      | 15.0                                                                                                         | 95.54                                                                                                                    |             |                             |                |
| 15:00                                        | -1.3                                                                                                   | -6.0                                                                                                                       | 70                                                                                                                 | 18                                       | 11                                                                                                                     | 15.0                                                                                                         | 95.57                                                                                                                    |             | -5                          | Snow           |
| 16:00                                        | -1.0                                                                                                   | -5.7                                                                                                                       | 70                                                                                                                 | 16                                       | 7                                                                                                                      | 15.0                                                                                                         | 95.63                                                                                                                    |             |                             |                |
| 17:00                                        | -1.0                                                                                                   | -5.7                                                                                                                       | 70                                                                                                                 | 14                                       | 11                                                                                                                     | 15.0                                                                                                         | 95.66                                                                                                                    |             | -5                          |                |
| 18:00                                        | -2.5                                                                                                   | -6.8                                                                                                                       | 72                                                                                                                 | 16                                       | 7                                                                                                                      | 15.0                                                                                                         | 95.61                                                                                                                    |             |                             |                |
| 19:00                                        | -1.1                                                                                                   | -5.5                                                                                                                       | 72                                                                                                                 | 15                                       | 13                                                                                                                     | 15.0                                                                                                         | 95.59                                                                                                                    |             | -5                          |                |
| 20:00                                        | -0.6                                                                                                   | -5.3                                                                                                                       | 70                                                                                                                 | 14                                       | 24                                                                                                                     | 15.0                                                                                                         | 95.61                                                                                                                    |             | -7                          |                |
| 21:00                                        | -0.7                                                                                                   | -5.0                                                                                                                       | 73                                                                                                                 | 15                                       | 15                                                                                                                     | 15.0                                                                                                         | 95.64                                                                                                                    |             | -5                          | Snow           |
| 22:00                                        | -0.7                                                                                                   | -4.8                                                                                                                       | 74                                                                                                                 | 17                                       | 15                                                                                                                     | 15.0                                                                                                         | 95.60                                                                                                                    |             | -5                          | Snow           |
| 23:00                                        | -0.5                                                                                                   | -4.8                                                                                                                       | 73                                                                                                                 | 15                                       | 19                                                                                                                     | 12.9                                                                                                         | 95.60                                                                                                                    |             | -6                          | Snow           |

## Hourly Data Report for December 28, 2008

Hourly Data Report for December 28, 2008

| <u>T<br/>i<br/>m<br/>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point<br/>Temp</u><br>°C<br> | <u>Rel<br/>Hum</u><br>%<br> | <u>Wind<br/>Dir</u><br>10's<br>deg | <u>Wind<br/>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn<br/>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind<br/>Chill</u> | <u>Weather</u> |
|----------------------------|-----------------------|-------------------------------------|-----------------------------|------------------------------------|---------------------------------|-----------------------------|---------------------------------|-------------|-----------------------|----------------|
| 00:00                      | -0.6                  | -4.9                                | 73                          | 16                                 | 17                              | 15.0                        | 95.60                           |             | -6                    |                |
| 01:00                      | -0.8                  | -4.8                                | 74                          | 16                                 | 17                              | 15.0                        | 95.58                           |             | -6                    |                |
| 02:00                      | -1.4                  | -5.3                                | 75                          | 17                                 | 19                              | 15.0                        | 95.58                           |             | -7                    |                |
| 03:00                      | -0.6                  | -4.8                                | 73                          | 16                                 | 19                              | 15.0                        | 95.57                           |             | -6                    |                |
| 04:00                      | -0.6                  | -4.5                                | 75                          | 16                                 | 13                              | 15.0                        | 95.51                           |             | -5                    |                |
| 05:00                      | -0.8                  | -4.5                                | 76                          | 15                                 | 7                               | 15.0                        | 95.44                           |             |                       |                |
| 06:00                      | -0.8                  | -4.6                                | 75                          | 15                                 | 7                               | 15.0                        | 95.46                           |             |                       |                |
| 07:00                      | -1.2                  | -5.0                                | 75                          | 18                                 | 13                              | 15.0                        | 95.54                           |             | -5                    |                |
| 08:00                      | -0.6                  | -4.9                                | 73                          | 14                                 | 7                               | 15.0                        | 95.58                           |             |                       |                |
| 09:00                      | -1.0                  | -4.1                                | 79                          | 17                                 | 9                               | 4.0                         | 95.66                           |             |                       | Snow           |
| 10:00                      | -1.3                  | -4.5                                | 79                          |                                    | 0                               | 15.0                        | 95.73                           |             |                       |                |
| 11:00                      | -1.0                  | -4.6                                | 77                          | 18                                 | 4                               | 15.0                        | 95.81                           |             |                       |                |
| 12:00                      | -0.1                  | -4.3                                | 73                          | 16                                 | 13                              | 15.0                        | 95.90                           |             | -4                    |                |
| 13:00                      | 1.2                   | -3.4                                | 71                          | 15                                 | 7                               | 15.0                        | 95.94                           |             |                       |                |
| 14:00                      | 1.4                   | -3.6                                | 69                          | 18                                 | 7                               | 15.0                        | 95.99                           |             |                       |                |
| 15:00                      | 0.0                   | -5.1                                | 68                          | 14                                 | 7                               | 15.0                        | 96.10                           |             |                       |                |
| 16:00                      | -1.0                  | -5.8                                | 70                          | 16                                 | 4                               | 15.0                        | 96.24                           |             |                       |                |
| 17:00                      | -4.6                  | -7.7                                | 79                          | 23                                 | 4                               | 15.0                        | 96.30                           |             |                       |                |
| 18:00                      | -4.3                  | -9.7                                | 66                          | 17                                 | 15                              | 15.0                        | 96.34                           |             | -10                   |                |
| 19:00                      | -7.2                  | -10.8                               | 75                          | 33                                 | 6                               | 15.0                        | 96.41                           |             |                       |                |
| 20:00                      | -9.4                  | -13.2                               | 74                          |                                    | 0                               | 15.0                        | 96.44                           |             |                       |                |
| 21:00                      | -8.3                  | -12.0                               | 75                          | 34                                 | 4                               | 15.0                        | 96.42                           |             |                       |                |
| 22:00                      | -10.8                 | -13.9                               | 78                          |                                    | 0                               | 15.0                        | 96.44                           |             |                       |                |
| 23:00                      | -7.6                  | -10.1                               | 82                          |                                    | 0                               | 15.0                        | 96.42                           |             |                       |                |

## Hourly Data Report for December 29, 2008

| Hourly Data Report for December 29, 2008 |                       |                                     |                             |                                    |                                 |                             |                                 |             |                       |                |
|------------------------------------------|-----------------------|-------------------------------------|-----------------------------|------------------------------------|---------------------------------|-----------------------------|---------------------------------|-------------|-----------------------|----------------|
| <u>T<br/>i<br/>m<br/>e</u>               | <u>Temp</u><br>°C<br> | <u>Dew Point<br/>Temp</u><br>°C<br> | <u>Rel<br/>Hum</u><br>%<br> | <u>Wind<br/>Dir</u><br>10's<br>deg | <u>Wind<br/>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn<br/>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind<br/>Chill</u> | <u>Weather</u> |
| 00:00                                    | -9.3                  | -11.6                               | 83                          | 15                                 | 4                               | 15.0                        | 96.39                           |             |                       |                |

|       |      |       |    |    |    |      |       |       |  |      |
|-------|------|-------|----|----|----|------|-------|-------|--|------|
| 01:00 | -9.4 | -11.8 | 83 |    |    | 0    | 12.9  | 96.34 |  |      |
| 02:00 | -8.9 | -10.7 | 87 |    |    | 0    | 0.6   | 96.31 |  |      |
| 03:00 | -9.7 | -10.2 | 96 |    |    | 0    | 4.8   | 96.25 |  |      |
| 04:00 | -9.6 | -9.8  | 98 | 35 | 15 | 12.9 | 96.16 |       |  | -16  |
| 05:00 | -7.3 | -7.7  | 97 | 36 | 11 | 15.0 | 96.11 |       |  | -12  |
| 06:00 | -6.6 | -7.3  | 95 | 36 | 7  | 15.0 | 96.05 |       |  |      |
| 07:00 | -6.1 | -7.5  | 90 | 35 | 4  | 15.0 | 95.96 |       |  |      |
| 08:00 | -6.3 | -8.3  | 86 | 1  | 4  | 15.0 | 95.80 |       |  |      |
| 09:00 | -5.9 | -9.1  | 78 | 34 | 6  | 15.0 | 95.72 |       |  |      |
| 10:00 | -5.1 | -8.1  | 79 |    |    | 0    | 15.0  | 95.65 |  |      |
| 11:00 | -5.0 | -8.0  | 79 |    |    | 0    | 2.1   | 95.54 |  | Snow |
| 12:00 | -5.0 | -8.0  | 79 |    |    | 0    | 11.3  | 95.33 |  |      |
| 13:00 | -4.2 | -7.1  | 80 |    |    | 0    | 9.7   | 95.24 |  | Snow |
| 14:00 | -3.8 | -7.1  | 78 |    |    | 0    | 15.0  | 95.22 |  | Snow |
| 15:00 | -3.8 | -6.7  | 80 | 12 | 4  | 1.3  | 95.32 |       |  | Snow |
| 16:00 | -4.0 | -7.0  | 80 | 11 | 4  | 8.0  | 95.39 |       |  |      |
| 17:00 | -4.2 | -7.2  | 80 |    |    | 0    | 9.7   | 95.53 |  |      |
| 18:00 | -4.2 | -7.4  | 78 | 22 | 6  | 14.5 | 95.62 |       |  |      |
| 19:00 | -3.6 | -7.3  | 75 | 11 | 6  | 15.0 | 95.81 |       |  |      |
| 20:00 | -3.3 | -7.0  | 76 | 27 | 4  | 15.0 | 96.01 |       |  |      |
| 21:00 | -0.7 | -6.5  | 65 | 18 | 6  | 15.0 | 96.25 |       |  |      |
| 22:00 | 1.6  | -7.7  | 50 | 12 | 7  | 15.0 | 96.43 |       |  |      |
| 23:00 | 1.6  | -8.8  | 46 | 17 | 11 | 15.0 | 96.64 |       |  |      |

## Hourly Data Report for December 30, 2008

| Hourly Data Report for December 30, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -2.9                  | -11.9                                     | 50                                |                                          |                                       | 0                           | 15.0                                  | 96.80       |                             |                |
| 01:00                                        | -2.4                  | -11.1                                     | 51                                | 9                                        | 9                                     | 15.0                        | 96.92                                 |             |                             |                |
| 02:00                                        | -7.3                  | -13.0                                     | 64                                |                                          |                                       | 0                           | 15.0                                  | 97.04       |                             |                |
| 03:00                                        | -10.7                 | -15.0                                     | 71                                | 32                                       | 7                                     | 15.0                        | 97.14                                 |             |                             |                |

|       |       |       |    |    |   |      |       |  |  |      |
|-------|-------|-------|----|----|---|------|-------|--|--|------|
| 04:00 | -9.8  | -14.6 | 68 | 27 | 6 | 15.0 | 97.22 |  |  |      |
| 05:00 | -11.5 | -15.6 | 72 | 34 | 4 | 15.0 | 97.26 |  |  |      |
| 06:00 | -13.4 | -17.0 | 74 |    | 0 | 15.0 | 97.36 |  |  |      |
| 07:00 | -11.0 | -15.3 | 71 | 3  | 4 | 15.0 | 97.40 |  |  |      |
| 08:00 | -13.6 | -17.3 | 74 |    | 0 | 15.0 | 97.45 |  |  |      |
| 09:00 | -13.3 | -16.8 | 75 |    | 0 | 15.0 | 97.52 |  |  |      |
| 10:00 | -9.8  | -14.4 | 69 |    | 0 | 15.0 | 97.55 |  |  |      |
| 11:00 | -6.8  | -11.9 | 67 |    | 0 | 15.0 | 97.52 |  |  |      |
| 12:00 | -5.8  | -11.3 | 65 | 19 | 4 | 15.0 | 97.51 |  |  |      |
| 13:00 | -3.8  | -9.7  | 64 |    | 0 | 15.0 | 97.42 |  |  |      |
| 14:00 | -1.9  | -7.7  | 64 | 13 | 9 | 15.0 | 97.34 |  |  |      |
| 15:00 | -3.8  | -8.8  | 68 | 12 | 6 | 15.0 | 97.32 |  |  |      |
| 16:00 | -5.0  | -9.2  | 72 |    | 0 | 15.0 | 97.21 |  |  |      |
| 17:00 | -6.1  | -9.8  | 75 | 1  | 4 | 15.0 | 97.10 |  |  |      |
| 18:00 | -6.5  | -10.3 | 74 |    | 0 | 15.0 | 97.03 |  |  |      |
| 19:00 | -5.9  | -9.6  | 75 | 5  | 4 | 15.0 | 96.90 |  |  |      |
| 20:00 | -5.5  | -9.1  | 76 | 36 | 4 | 15.0 | 96.76 |  |  |      |
| 21:00 | -5.7  | -9.2  | 76 |    | 0 | 15.0 | 96.68 |  |  |      |
| 22:00 | -5.3  | -8.6  | 78 | 2  | 4 | 15.0 | 96.47 |  |  | Snow |
| 23:00 | -4.7  | -7.9  | 78 |    | 0 | 15.0 | 96.28 |  |  | Snow |

## Hourly Data Report for December 31, 2008

| Hourly Data Report for December 31, 2008     |                       |                                           |                                   |                                          |                                       |                             |                                       |             |                             |                |
|----------------------------------------------|-----------------------|-------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------|-----------------------------|---------------------------------------|-------------|-----------------------------|----------------|
| <u>T</u><br><u>i</u><br><u>m</u><br><u>e</u> | <u>Temp</u><br>°C<br> | <u>Dew Point</u><br><u>Temp</u><br>°C<br> | <u>Rel</u><br><u>Hum</u><br>%<br> | <u>Wind</u><br><u>Dir</u><br>10's<br>deg | <u>Wind</u><br><u>Spd</u><br>km/h<br> | <u>Visibility</u><br>km<br> | <u>Stn</u><br><u>Press</u><br>kPa<br> | <u>Hmdx</u> | <u>Wind</u><br><u>Chill</u> | <u>Weather</u> |
| 00:00                                        | -4.3                  | -7.6                                      | 78                                | 34                                       | 6                                     | 15.0                        | 96.01                                 |             |                             |                |
| 01:00                                        | 0.0                   | -7.6                                      | 57                                | 18                                       | 13                                    | 15.0                        | 95.72                                 |             | -4                          |                |
| 02:00                                        | -3.8                  | -6.7                                      | 80                                | 16                                       | 6                                     | 15.0                        | 95.60                                 |             |                             |                |
| 03:00                                        | -1.9                  | -7.3                                      | 67                                | 21                                       | 7                                     | 15.0                        | 95.42                                 |             |                             |                |
| 04:00                                        | -0.5                  | -6.1                                      | 66                                | 18                                       | 7                                     | 15.0                        | 95.28                                 |             |                             | Snow           |
| 05:00                                        | -1.1                  | -5.7                                      | 71                                | 5                                        | 6                                     | 15.0                        | 95.12                                 |             |                             |                |
| 06:00                                        | 0.3                   | -3.1                                      | 78                                | 22                                       | 17                                    | 1.1                         | 95.30                                 |             |                             | Snow           |

|       |      |       |    |    |    |      |       |  |    |
|-------|------|-------|----|----|----|------|-------|--|----|
| 07:00 | -2.6 | -5.5  | 80 |    | 0  | 15.0 | 95.30 |  |    |
| 08:00 | -5.7 | -8.2  | 82 |    | 0  | 15.0 | 95.39 |  |    |
| 09:00 | 1.5  | -7.4  | 52 | 16 | 17 | 15.0 | 95.53 |  |    |
| 10:00 | 1.9  | -7.9  | 48 | 17 | 28 | 15.0 | 95.65 |  |    |
| 11:00 | 2.0  | -7.6  | 49 | 18 | 30 | 15.0 | 95.74 |  |    |
| 12:00 | 2.0  | -8.0  | 47 | 18 | 30 | 15.0 | 95.82 |  |    |
| 13:00 | 1.8  | -8.1  | 48 | 19 | 24 | 15.0 | 95.88 |  |    |
| 14:00 | 2.7  | -8.6  | 43 | 17 | 22 | 15.0 | 95.97 |  |    |
| 15:00 | 2.5  | -10.1 | 39 | 17 | 20 | 15.0 | 95.99 |  |    |
| 16:00 | 0.5  | -9.1  | 49 | 17 | 32 | 15.0 | 96.07 |  |    |
| 17:00 | 0.2  | -10.4 | 45 | 15 | 22 | 15.0 | 96.18 |  |    |
| 18:00 | 0.6  | -10.2 | 44 | 15 | 30 | 15.0 | 96.26 |  |    |
| 19:00 | 0.3  | -10.0 | 46 | 15 | 33 | 15.0 | 96.24 |  |    |
| 20:00 | -0.6 | -10.5 | 47 | 16 | 20 | 15.0 | 96.29 |  | -6 |
| 21:00 | 0.4  | -11.3 | 41 | 10 | 15 | 15.0 | 96.25 |  |    |
| 22:00 | -3.5 | -11.4 | 54 | 20 | 7  | 15.0 | 96.25 |  |    |
| 23:00 | -4.8 | -11.3 | 60 |    | 0  | 15.0 | 96.19 |  |    |