

### Brampton Climatological Weather Station

| Aug<br>2008 | Total<br>cloud | Wind                   |                | Present<br>Weather | Visibility | Temperatures (°C) |             |                       |      |       |      |      |      |       |               | 0900<br>mb<br>Press | state of<br>ground<br>without<br>snow | state of<br>ground<br>with<br>snow | Snow<br>Depth<br>Whole<br>cm | Rainfall<br>09-09h<br>Thrown back<br>mm & 10ths | Sunshine | Weather 00 hrs - 24 hrs |         |      |  |
|-------------|----------------|------------------------|----------------|--------------------|------------|-------------------|-------------|-----------------------|------|-------|------|------|------|-------|---------------|---------------------|---------------------------------------|------------------------------------|------------------------------|---|----------|-------------------------|---------|------|--|
|             |                | Dir.<br>Whole<br>deg.s | speed<br>knots |                    |            | Dry<br>bulb       | Wet<br>bulb | Max<br>thrown<br>Back | Min  | Grass | Conc | Soil |      |       | snow<br>sleet |                     |                                       |                                    |                              |   |          | Hail/Ice                | Thunder | Gale |  |
|             |                |                        |                |                    |            |                   |             |                       |      |       |      |      | 30cm | 100cm |               |                     |                                       |                                    |                              |   |          |                         |         |      |  |
| date        |                |                        |                |                    |            |                   |             |                       |      |       |      |      |      |       |               |                     |                                       |                                    |                              |   |          |                         |         |      |  |
| 01          | 6              | 270                    | 02             | 01                 | 8          | 14.7              | 14.0        | 19.5                  | 13.4 | 13.9  | 15.4 |      | 17.5 | 16.4  | 1002          | 1                   |                                       |                                    | 6.3                          | 6.2   | 0        | 0                       | 0       | 0    |  |
| 02          | 6              | 230                    | 05             | 02                 | 8          | 15.0              | 14.3        | 18.2                  | 12.0 | 10.6  | 11.0 |      | 17.4 | 16.6  | 1006          | 1                   |                                       |                                    | 5.1                          | 6.5   | 0        | 0                       | 0       | 0    |  |
| 03          | 8              | 230                    | 05             | 02                 | 8          | 14.0              | 13.4        | 18.2                  | 13.1 | 10.0  | 11.4 |      | 17.8 | 16.5  | 1004          | 1                   |                                       |                                    | 10.5                         | 3.5   | 0        | 0                       | 0       | 0    |  |
| 04          | 6              | 250                    | 02             | 01                 | 8          | 13.6              | 12.6        | 20.2                  | 11.2 | 8.7   | 10.5 |      | 17.1 | 16.5  | 1005          | 1                   |                                       |                                    | tr                           | 11.7  | 0        | 0                       | 0       | 0    |  |
| 05          | 7              | 230                    | 02             | 03                 | 8          | 15.9              | 13.7        | 19.0                  | 10.8 | 7.6   | 9.5  |      | 17.1 | 16.5  | 1010          | 1                   |                                       |                                    | 4.4                          | 4.3   | 0        | 0                       | 0       | 0    |  |
| 06          | 8              | 230                    | 02             | 62                 | 7          | 16.6              | 16.1        | 18.5                  | 13.6 | 13.6  | 13.9 |      | 18.0 | 16.5  | 1007          | 1                   |                                       |                                    | 3.6                          | 0.2   | 0        | 0                       | 0       | 0    |  |
| 07          | 8              | 270                    | 02             | 03                 | 7          | 16.9              | 15.3        | 18.1                  | 12.9 | 10.2  | 11.8 |      | 17.2 | 16.5  | 1003          | 1                   |                                       |                                    | 1.0                          | 1.7   | 0        | 0                       | 0       | 0    |  |
| 08          | 8              | 050                    | 02             | 01                 | 8          | 13.0              | 10.0        | 18.2                  | 9.6  | 7.4   | 8.5  |      | 17.7 | 16.5  | 1010          | 1                   |                                       |                                    | 0.5                          | 1.2   | 0        | 0                       | 0       | 0    |  |
| 09          | 8              | 160                    | 05             | 03                 | 6          | 12.9              | 11.5        | 18.4                  | 11.4 | 8.5   | 10.5 |      | 17.5 | 16.5  | 1005          | 1                   |                                       |                                    | 10.1                         | 0.1   | 0        | 0                       | 0       | 0    |  |
| 10          | 7              | 230                    | 05             | 03                 | 6          | 14.6              | 13.1        | 17.2                  | 11.3 | 11.3  | 11.5 |      | 17.2 | 16.5  | 992           | 1                   |                                       |                                    | 1.6                          | 2.4   | 0        | 0                       | 1       | 0    |  |
| 11          | 8              | 250                    | 09             | 92                 | 8          | 14.4              | 12.5        | 18.8                  | 13.6 | 12.0  | 12.9 |      | 16.8 | 16.3  | 996           | 1                   |                                       |                                    | 1.3                          | 3.4   | 0        | 0                       | 0       | 0    |  |
| 12          | 8              | 090                    | 02             | 60                 | 6          | 13.3              | 11.9        | 15.1                  | 12.8 | 10.3  | 11.2 |      | 17.0 | 16.2  | 986           | 1                   |                                       |                                    | 6.9                          | 0.0   | 0        | 0                       | 0       | 0    |  |
| 13          | 8              | 230                    | 05             | 61                 | 7          | 12.8              | 12.4        | 17.0                  | 10.6 | 11.0  | 11.0 |      | 16.4 | 16.2  | 992           | 1                   |                                       |                                    | 12.4                         | 1.0   | 0        | 0                       | 0       | 0    |  |
| 14          | 8              | 290                    | 02             | 21                 | 7          | 13.0              | 12.8        | 16.3                  | 12.0 | 12.1  | 12.4 |      | 16.5 | 15.9  | 1006          | 1                   |                                       |                                    | 3.8                          | 0.0   | 0        | 0                       | 0       | 0    |  |
| 15          | 3              | 200                    | 05             | 02                 | 8          | 16.3              | 13.8        | 17.7                  | 12.4 | 9.9   | 10.6 |      | 16.2 | 15.8  | 1011          | 1                   |                                       |                                    | 1.3                          | 1.4   | 0        | 0                       | 0       | 0    |  |
| 16          | 6              | 160                    | 05             | 02                 | 8          | 15.4              | 12.7        | 19.1                  | 11.4 | 10.6  | 10.8 |      | 16.3 | 15.8  | 1003          | 1                   |                                       |                                    | 5.6                          | 3.2   | 0        | 0                       | 0       | 0    |  |
| 17          | 6              | 160                    | 02             | 80                 | 8          | 13.7              | 13.1        | 20.1                  | 12.9 | 12.0  | 12.0 |      | 16.4 | 15.8  | 1000          | 1                   |                                       |                                    | 1.3                          | 4.5   | 0        | 0                       | 0       | 0    |  |
| 18          | 8              | 160                    | 09             | 21                 | 8          | 14.9              | 13.6        | 18.0                  | 11.0 | 8.5   | 10.9 |      | 16.8 | 15.7  | 997           | 1                   |                                       |                                    | 2.9                          | 0.2   | 0        | 0                       | 0       | 0    |  |
| 19          | 6              | 020                    | 02             | 02                 | 7          | 16.0              | 14.7        | 18.6                  | 13.0 | 12.5  | 12.7 |      | 16.5 | 15.8  | 993           | 1                   |                                       |                                    | 8.4                          | 2.1   | 0        | 0                       | 0       | 0    |  |
| 20          | 6              | 250                    | 05             | 02                 | 7          | 14.3              | 13.5        | 17.8                  | 13.4 | 12.6  | 12.8 |      | 16.7 | 15.8  | 1004          | 1                   |                                       |                                    | 0.5                          | 1.2   | 0        | 0                       | 0       | 0    |  |
| 21          | 7              | 180                    | 02             | 80                 | 8          | 15.1              | 13.7        | 19.0                  | 10.2 | 6.8   | 8.4  |      | 16.3 | 15.8  | 1009          | 1                   |                                       |                                    | 3.2                          | 4.8   | 0        | 0                       | 0       | 0    |  |
| 22          | 7              | 270                    | 05             | 02                 | 7          | 12.4              | 10.9        | 15.7                  | 9.8  | 8.5   | 10.0 |      | 16.1 | 15.8  | 1013          | 1                   |                                       |                                    | 0.1                          | 2.2   | 0        | 0                       | 0       | 0    |  |
| 23          | 4              | 230                    | 05             | 02                 | 7          | 13.6              | 11.2        | 17.6                  | 10.5 | 8.8   | 10.0 |      | 15.7 | 15.6  | 1012          | 1                   |                                       |                                    | 2.2                          | 5.6   | 0        | 0                       | 0       | 0    |  |
| 24          | 5              | 270                    | 05             | 02                 | 7          | 14.4              | 12.7        | 18.0                  | 12.4 | 11.9  | 12.3 |      | 16.1 | 15.6  | 1002          | 1                   |                                       |                                    | tr                           | 0.0   | 0        | 0                       | 0       | 0    |  |
| 25          | 8              | 230                    | 05             | 60                 | 6          | 16.3              | 14.4        | 16.7                  | 12.8 | 10.2  | 11.5 |      | 16.2 | 15.6  | 1002          | 1                   |                                       |                                    | 7.2                          | 0.0   | 0        | 0                       | 0       | 0    |  |
| 26          | 8              | 230                    | 05             | 20                 | 6          | 13.8              | 12.8        | 16.5                  | 13.4 | 11.8  | 12.2 |      | 15.9 | 15.5  | 1014          | 1                   |                                       |                                    | 2.4                          | 0.0   | 0        | 0                       | 0       | 0    |  |
| 27          | 8              | 230                    | 09             | 20                 | 6          | 14.8              | 14.5        | 16.9                  | 13.1 | 13.2  | 13.0 |      | 15.7 | 15.5  | 1014          | 1                   |                                       |                                    | 0.6                          | 0.2   | 0        | 0                       | 0       | 0    |  |
| 28          | 8              | 230                    | 13             | 02                 | 6          | 15.5              | 15.0        | 19.2                  | 14.4 | 14.3  | 14.4 |      | 15.8 | 15.4  | 1015          | 1                   |                                       |                                    | 0.0                          | 0.6   | 0        | 0                       | 0       | 0    |  |
| 29          | 8              | 250                    | 05             | 02                 | 7          | 16.5              | 15.7        | 19.6                  | 14.9 | 13.1  | 14.2 |      | 16.2 | 15.4  | 1018          | 1                   |                                       |                                    | 0.1                          | 0.2   | 0        | 0                       | 0       | 0    |  |
| 30          | 8              | 200                    | 02             | 02                 | 6          | 18.9              | 16.9        | 20.4                  | 15.5 | 14.8  | 15.4 |      | 16.7 | 15.4  | 1015          | 1                   |                                       |                                    | 0.9                          | 0.0   | 0        | 0                       | 0       | 0    |  |
| 31          | 8              | 250                    | 02             | 21                 | 6          | 16.8              | 15.2        | 17.4                  | 15.3 | 14.8  | 15.4 |      | 17.0 | 15.6  | 1009          | 1                   |                                       |                                    | 3.4                          | 0.0   | 0        | 0                       | 0       | 0    |  |

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|              |  | Max          | Min          | Grass        | Conc         | 10cm | 30cm        | 100cm       | Press       |              |             |          |          |          |          |
|--------------|--|--------------|--------------|--------------|--------------|------|-------------|-------------|-------------|--------------|-------------|----------|----------|----------|----------|
|              |  |              |              |              |              |      |             |             |             | Rainfall     | Sun         | SI/Sn    | Hail     | Th       | Gale     |
| <b>Total</b> |  | <b>561.0</b> | <b>384.7</b> | <b>341.5</b> | <b>368.1</b> |      |             |             |             | <b>107.6</b> | <b>68.4</b> | <b>0</b> | <b>0</b> | <b>1</b> | <b>0</b> |
| <b>Mean</b>  |  | <b>18.1</b>  | <b>12.4</b>  | <b>11.0</b>  | <b>11.9</b>  |      | <b>16.7</b> | <b>16.0</b> | <b>1005</b> |              | <b>2.3</b>  |          |          |          |          |

|                |      |     |      |
|----------------|------|-----|------|
| Highest max °C | 20.4 | on: | 30th |
| Lowest max °C  | 15.1 | on: | 12th |
| Lowest min °C  | 9.6  | on: | 8th  |
| Highest min °C | 15.5 | on: | 30th |
| Grass Min °C   | 6.8  | on: | 21st |

| Number of days with:     |   |
|--------------------------|---|
| Air min below 0.0°C      | 0 |
| Grass min below 0.0°C    | 0 |
| Concrete min below 0.0°C | 0 |

| Rainfall                            | Total |     |      |
|-------------------------------------|-------|-----|------|
|                                     | 107.6 |     |      |
| Greatest fall in 24 hrs 09-09h:     | 12.4  | On: | 13th |
| Number of days with 0.2 mm or more: | 26    |     |      |
| Number of days with 1.0 mm or more: | 22    |     |      |
| Number of days with 5.0 mm or more: | 9     |     |      |

Diff

|             |      |
|-------------|------|
| Mean Max °C | 18.1 |
| Mean Min °C | 12.4 |
| Mean °C     | 15.3 |

| Wind Direction 0900hrs |    |   |    |   |    |   |    |      |  |
|------------------------|----|---|----|---|----|---|----|------|--|
| N                      | NE | E | SE | S | SW | W | NW | Calm |  |
| 0                      | 2  | 1 | 4  | 1 | 18 | 4 | 1  | 0    |  |

|                 |
|-----------------|
| Max Gust        |
| 34.5mph 26th    |
| Mean Wind Speed |
| 7.1mph          |

|                |
|----------------|
| Fog at 0900hrs |
| 0              |

| Sunshine    |             |
|-------------|-------------|
| Total       | 68.4        |
| Sunniest    | 11.7hrs 4th |
| Days no sun | 5           |

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