

Brampton Climatological Weather Station

| Apr<br>2021<br><br>date | 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 |
|                         |                |                        |                |                    |            |                   |             |                       |      |       |      | 10cm | 30cm | 100cm |                     |                                       |                                    |                              |   |          |                         |          |         |      |
| 01                      | 4              | 070                    | 13             | 02                 | 7          | 6.0               | 4.1         | 8.1                   | 4.1  | 2.9   | 4.2  | 7.2  | 9.3  | 7.5   | 1029                | 1                                     |                                    |                              | 0.0   | 5.4      | 0                       | 0        | 0       | 0    |
| 02                      | 2              | 070                    | 02             | 02                 | 8          | 5.6               | 4.8         | 10.8                  | -1.5 | -7.0  | -3.2 | 4.1  | 8.5  | 7.7   | 1034                | 1                                     |                                    |                              | 0.0   | 8.1      | 0                       | 0        | 0       | 0    |
| 03                      | 2              | 050                    | 05             | 02                 | 8          | 6.8               | 5.2         | 12.3                  | 1.6  | -5.2  | -1.1 | 5.1  | 8.1  | 7.7   | 1036                | 1                                     |                                    |                              | 0.0   | 11.5     | 0                       | 0        | 0       | 0    |
| 04                      | 7              | 270                    | 09             | 02                 | 7          | 5.8               | 5.2         | 7.9                   | 1.6  | -5.0  | -2.1 | 5.8  | 8.3  | 7.7   | 1026                | 0                                     |                                    |                              | 0.2   | 2.0      | 0                       | 0        | 0       | 0    |
| 05                      | 1              | 340                    | 09             | 02                 | 9          | 0.7               | -1.0        | 6.4                   | -1.3 | -4.6  | -2.9 | 3.2  | 7.7  | 7.8   | 1020                | 1                                     |                                    |                              | TR  | 11.5     | 5                       | 0        | 0       | 0    |
| 06                      | 2              | 320                    | 05             | 02                 | 9          | 1.7               | 0.2         | 5.0                   | -3.0 | -8.8  | -4.7 | 2.0  | 6.8  | 7.7   | 1021                | 0                                     |                                    |                              | 0.1   | 9.1      | 5                       | 3        | 0       | 0    |
| 07                      | 6              | 230                    | 02             | 02                 | 8          | 0.4               | -0.1        | 6.6                   | -3.2 | -10.3 | -5.9 | 1.8  | 6.1  | 7.4   | 1023                | 0                                     |                                    |                              | 0.5   | 4.1      | 0                       | 0        | 0       | 0    |
| 08                      | 8              | 250                    | 13             | 61                 | 6          | 6.5               | 6.4         | 8.3                   | 0.4  | -3.6  | 0.3  | 5.6  | 6.3  | 7.1   | 1014                | 1                                     |                                    |                              | 1.9   | 0.2      | 0                       | 0        | 0       | 0    |
| 09                      | 2              | 270                    | 05             | 02                 | 8          | 4.7               | 2.9         | 7.7                   | 1.9  | -1.5  | 0.0  | 4.2  | 6.5  | 7.0   | 1012                | 1                                     |                                    |                              | TR  | 11.8     | 5                       | 3        | 0       | 0    |
| 10                      | 1              | 020                    | 02             | 02                 | 9          | 4.1               | 0.2         | 7.8                   | -3.2 | -10.7 | -5.3 | 1.9  | 6.5  | 7.0   | 1017                | 0                                     |                                    |                              | 0.0   | 11.8     | 0                       | 0        | 0       | 0    |
| 11                      | 1              | 020                    | 02             | 02                 | 8          | 1.6               | 0.1         | 5.1                   | -3.8 | -10.7 | -5.4 | 2.2  | 6.5  | 7.0   | 1020                | 0                                     |                                    |                              | 0.2   | 5.7      | 0                       | 0        | 0       | 0    |
| 12                      | 2              | 270                    | 02             | 02                 | 8          | 1.2               | 0.0         | 8.2                   | -4.1 | -11.7 | -6.1 | 1.4  | 6.2  | 6.9   | 1028                | 1                                     |                                    |                              | 0.0   | 11.9     | 0                       | 0        | 0       | 0    |
| 13                      | 7              | 320                    | 02             | 02                 | 7          | 4.1               | 3.1         | 9.8                   | -0.4 | -6.0  | -2.4 | 4.7  | 6.3  | 6.8   | 1033                | 0                                     |                                    |                              | 0.9   | 4.6      | 0                       | 0        | 0       | 0    |
| 14                      | 2              | 270                    | 02             | 02                 | 7          | 6.6               | 5.4         | 12.9                  | 1.2  | -2.9  | -1.1 | 5.3  | 7.0  | 6.8   | 1034                | 1                                     |                                    |                              | 0.0   | 7.8      | 0                       | 0        | 0       | 0    |
| 15                      | 0              | 290                    | 02             | 02                 | 8          | 6.5               | 4.8         | 13.3                  | -2.0 | -7.5  | -4.1 | 5.0  | 7.2  | 6.9   | 1035                | 0                                     |                                    |                              | 0.0   | 12.8     | 0                       | 0        | 0       | 0    |
| 16                      | 1              | 020                    | 02             | 02                 | 8          | 7.6               | 5.0         | 13.0                  | -0.3 | -6.2  | -2.5 | 5.8  | 7.8  | 7.0   | 1032                | 0                                     |                                    |                              | 0.0   | 12.2     | 0                       | 0        | 0       | 0    |
| 17                      | 3              | 340                    | 02             | 02                 | 8          | 9.0               | 5.9         | 14.6                  | 0.6  | -7.0  | -2.7 | 6.4  | 8.1  | 7.3   | 1030                | 0                                     |                                    |                              | 0.0   | 12.0     | 0                       | 0        | 0       | 0    |
| 18                      | 7              | 270                    | 02             | 02                 | 7          | 8.8               | 5.7         | 12.9                  | 2.3  | -1.3  | 1.3  | 8.1  | 8.6  | 7.4   | 1025                | 0                                     |                                    |                              | 0.0   | 1.3      | 0                       | 0        | 0       | 0    |
| 19                      | 3              | 270                    | 02             | 02                 | 7          | 12.9              | 9.8         | 16.0                  | 4.6  | 3.4   | 4.3  | 8.8  | 8.8  | 7.6   | 1019                | 0                                     |                                    |                              | 0.0   | 11.4     | 0                       | 0        | 0       | 0    |
| 20                      | 6              | 290                    | 02             | 02                 | 7          | 9.2               | 6.8         | 14.9                  | 3.8  | -0.7  | 2.0  | 9.1  | 9.4  | 7.9   | 1018                | 0                                     |                                    |                              | 0.0   | 5.2      | 0                       | 0        | 0       | 0    |
| 21                      | 3              | 070                    | 09             | 02                 | 8          | 8.6               | 5.7         | 11.9                  | 5.6  | 3.9   | 5.0  | 9.6  | 9.7  | 8.1   | 1024                | 0                                     |                                    |                              | 0.0   | 12.4     | 0                       | 0        | 0       | 0    |
| 22                      | 1              | 290                    | 02             | 02                 | 7          | 7.9               | 5.1         | 14.2                  | -0.8 | -6.3  | -2.6 | 8.3  | 9.6  | 8.4   | 1027                | 0                                     |                                    |                              | 0.0   | 11.2     | 0                       | 0        | 0       | 0    |
| 23                      | 1              | 320                    | 02             | 02                 | 8          | 11.6              | 7.8         | 17.8                  | 3.0  | -1.8  | -1.0 | 6.0  | 9.7  | 8.5   | 1027                | 0                                     |                                    |                              | 0.0   | 11.7     | 0                       | 0        | 0       | 0    |
| 24                      | 2              | 050                    | 02             | 02                 | 7          | 9.7               | 7.6         | 14.3                  | 5.1  | 1.0   | 2.8  | 10.0 | 10.3 | 8.7   | 1030                | 0                                     |                                    |                              | 0.0   | 11.8     | 0                       | 0        | 0       | 0    |
| 25                      | 3              | 020                    | 02             | 02                 | 7          | 8.7               | 5.1         | 14.1                  | 0.3  | -2.2  | -0.8 | 8.5  | 10.6 | 8.7   | 1032                | 0                                     |                                    |                              | 0.0   | 11.7     | 0                       | 0        | 0       | 0    |
| 26                      | 5              | 270                    | 02             | 02                 | 7          | 7.7               | 6.0         | 11.6                  | 1.0  | -4.6  | -1.1 | 9.3  | 10.2 | 9.0   | 1032                | 0                                     |                                    |                              | 1.3   | 3.0      | 0                       | 0        | 0       | 0    |
| 27                      | 6              | 360                    | 05             | 02                 | 7          | 8.7               | 7.5         | 11.4                  | 5.8  | 2.4   | 5.0  | 10.3 | 10.0 | 9.0   | 1010                | 1                                     |                                    |                              | 0.9   | 3.3      | 0                       | 0        | 0       | 0    |
| 28                      | 7              | 050                    | 09             | 80                 | 7          | 5.9               | 4.7         | 9.5                   | 2.2  | -1.7  | -0.1 | 7.8  | 10.0 | 9.0   | 1013                | 1                                     |                                    |                              | TR  | 3.4      | 0                       | 0        | 0       | 0    |
| 29                      | 5              | 050                    | 09             | 02                 | 8          | 6.5               | 4.4         | 9.0                   | -1.4 | -7.4  | -4.0 | 6.9  | 9.3  | 9.0   | 1013                | 0                                     |                                    |                              | 0.9   | 4.0      | 0                       | 1        | 0       | 0    |
| 30                      | 7              | 050                    | 05             | 02                 | 7          | 5.4               | 4.4         | 10.0                  | 1.1  | -2.6  | -0.5 | 6.8  | 9.0  | 8.9   | 1017                | 1                                     |                                    |                              | TR  | 4.6      | 0                       | 0        | 0       | 0    |

## Brampton Climatological Weather Station

|              |  | Max      | Min  | Grass  | Conc  | 10cm | 30cm | 100cm | Press |     |       |   |   |   |   |
|--------------|--|----------|------|--------|-------|------|------|-------|-------|-----|-------|---|---|---|---|
|              |  | Rainfall | Sun  | SI/Sn  | Hail  | Th   | Gale |       |       |     |       |   |   |   |   |
| <b>Total</b> |  | 325.4    | 21.2 | -123.7 | -34.7 |      |      |       |       | 6.9 | 237.5 | 3 | 3 | 0 | 0 |
| <b>Mean</b>  |  | 10.8     | 0.7  | -4.1   | -1.2  | 6.0  | 8.3  | 7.8   | 1024  |     | 7.9   |   |   |   |   |

|                |       |     |      |
|----------------|-------|-----|------|
| Highest max °C | 17.8  | on: | 23rd |
| Lowest max °C  | 5.0   | on: | 6th  |
| Lowest min °C  | -4.1  | on: | 12th |
| Highest min °C | 5.8   | on: | 27th |
| Grass Min °C   | -11.7 | on: | 12th |

| Number of days with:     |    |
|--------------------------|----|
| Air min below 0.0°C      | 12 |
| Grass min below 0.0°C    | 25 |
| Concrete min below 0.0°C | 21 |

| Rainfall                            | Total | % 20yr Avg |
|-------------------------------------|-------|------------|
|                                     | 6.9   | 14.9       |
| Greatest fall in 24 hrs 09-09h:     | 1.9   | On: 8th    |
| Number of days with 0.2 mm or more: | 8     |            |
| Number of days with 1.0 mm or more: | 2     |            |
| Number of days with 5.0 mm or more: | 0     |            |

| Diff        |      | Wind Direction 0900hrs |   |    |   |    |   |    |   |    |      |
|-------------|------|------------------------|---|----|---|----|---|----|---|----|------|
| Mean Max °C | 10.8 | -1.4                   | N | NE | E | SE | S | SW | W | NW | Calm |
| Mean Min °C | 0.7  | -3.5                   | 1 | 12 | 0 | 0  | 0 | 2  | 7 | 8  | 0    |
| Mean °C     | 5.8  | -1.4                   |   |    |   |    |   |    |   |    |      |

|                 |
|-----------------|
| Max Gust        |
| 44mph 8th       |
| Mean Wind Speed |
| 5.6mph          |

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

| Sunshine    |              |
|-------------|--------------|
| Total       | 237.5        |
| Sunniest    | 12.8hrs 15th |
| Days no sun | 0            |

| Pressure |        |        |
|----------|--------|--------|
| Mean     | 1024   | at obs |
| High     | 1036.7 | 2nd    |
| Low      | 1007.1 | 8th    |

April 2021 Will be remembered for being one of the coldest Aprils on record, certainly coldest in my 21 year records. It was also the sunniest and not far short of being the driest aswell. Air and Ground frosts were plentiful and many plants were damaged in the first half of the month. But with strong April sunshine we did have some very pleasant days as the Covid restrictions of the last 12 months eased. It was the second driest on record just behind last Aprils record. Mean temperatures were well below normal. Mean Max -1.4c, Mean Min -3.5c, with overall mean at -1.4c