

Brampton Climatological Weather Station

| May 2021 | Total cloud | Wind | | Present Weather | Visibility | Temperatures (°C) | | | | | | | | | 0900 mb Press | state of ground without snow | state of ground with snow | Snow Depth Whole cm | Rainfall 09-09h Thrown back mm & 10ths | Sunshine | Weather 00 hrs - 24 hrs | | | |
|-------------|----------------|------------------------|----------------|--------------------|------------|-------------------|-------------|-----------------------|------|-------|------|------|------|-------|---------------------|---------------------------------------|------------------------------------|------------------------------|---|----------|-------------------------|----------|---------|------|
| | | Dir. Whole deg.s | speed knots | | | Dry bulb | Wet bulb | Max thrown Back | Min | Grass | Conc | Soil | | | | | | | | | snow sleet | Hail/Ice | Thunder | Gale |
| | | | | | | | | | | | | 10cm | 30cm | 100cm | | | | | | | | | | |
| date | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 | 4 | 050 | 02 | 03 | 8 | 8.5 | 5.2 | 10.2 | -1.3 | -7.9 | -4.5 | 7.1 | 9.1 | 8.8 | 1018 | 0 | | | 0.0 | 6.7 | 0 | 0 | 0 | 0 |
| 02 | 3 | 250 | 02 | 02 | 8 | 7.7 | 5.4 | 10.4 | 1.6 | -5.2 | -1.0 | 8.1 | 9.1 | 8.9 | 1019 | 0 | | | TR | 6.0 | 0 | 0 | 0 | 0 |
| 03 | 8 | 160 | 05 | 60 | 6 | 7.1 | 6.1 | 7.7 | 2.3 | -3.0 | -0.1 | 8.2 | 9.3 | 8.7 | 1009 | 1 | | | 8.2 | 0.2 | 0 | 5 | 0 | 0 |
| 04 | 8 | 290 | 05 | 02 | 8 | 5.7 | 4.5 | 8.1 | 3.2 | 1.4 | 3.4 | 6.4 | 8.7 | 8.8 | 995 | 1 | | | 1.4 | 0.3 | 0 | 5 | 0 | 0 |
| 05 | 2 | 290 | 02 | 02 | 8 | 6.9 | 4.3 | 9.2 | -0.7 | -5.7 | -3.5 | 5.7 | 8.3 | 8.7 | 1007 | 1 | | | 0.6 | 10.7 | 0 | 0 | 0 | 0 |
| 06 | 8 | 290 | 02 | 23 | 7 | 2.9 | 2.8 | 8.7 | -1.0 | -7.5 | -4.1 | 4.8 | 8.2 | 8.5 | 1004 | 1 | | | 0.6 | 4.1 | 1 | 5 | 0 | 0 |
| 07 | 5 | 290 | 02 | 02 | 7 | 7.1 | 6.0 | 10.7 | 1.9 | -1.8 | 0.5 | 7.7 | 8.3 | 8.5 | 1014 | 1 | | | 1.9 | 8.5 | 0 | 5 | 0 | 0 |
| 08 | 8 | 160 | 05 | 61 | 5 | 4.1 | 3.8 | 13.3 | 1.6 | -4.0 | 0.3 | 6.3 | 8.9 | 8.5 | 999 | 1 | | | 5.4 | 0.0 | 0 | 0 | 0 | 0 |
| 09 | 5 | 250 | 05 | 02 | 7 | 13.3 | 10.3 | 14.7 | 3.8 | 3.8 | 5.0 | 9.6 | 8.8 | 8.6 | 991 | 1 | | | 0.3 | 5.9 | 0 | 0 | 0 | 0 |
| 10 | 7 | 200 | 05 | 02 | 7 | 13.9 | 11.2 | 14.1 | 9.9 | 6.3 | 8.0 | 11.8 | 9.8 | 8.5 | 991 | 1 | | | 1.4 | 6.7 | 0 | 0 | 0 | 0 |
| 11 | 3 | 200 | 09 | 02 | 8 | 11.7 | 8.2 | 15.9 | 6.6 | 3.4 | 4.7 | 10.6 | 10.5 | 8.8 | 1005 | 1 | | | 3.7 | 9.3 | 0 | 0 | 0 | 0 |
| 12 | 5 | 230 | 05 | 02 | 8 | 10.9 | 8.8 | 13.0 | 4.8 | 1.5 | 3.8 | 11.0 | 10.8 | 9.2 | 1006 | 1 | | | 2.6 | 3.8 | 0 | 0 | 0 | 0 |
| 13 | 4 | 070 | 09 | 02 | 8 | 12.6 | 10.2 | 14.8 | 3.5 | -0.4 | 1.9 | 10.7 | 11.0 | 9.5 | 1009 | 1 | | | TR | 4.9 | 0 | 0 | 0 | 0 |
| 14 | 8 | 070 | 05 | 02 | 6 | 7.5 | 6.8 | 13.6 | 5.7 | 5.6 | 6.4 | 9.8 | 11.0 | 9.6 | 1011 | 1 | | | 0.0 | 1.6 | 0 | 0 | 0 | 0 |
| 15 | 3 | 110 | 05 | 01 | 7 | 12.8 | 8.3 | 12.8 | 6.3 | 4.4 | 6.3 | 11.4 | 11.2 | 9.8 | 1006 | 0 | | | TR | 2.0 | 0 | 0 | 0 | 0 |
| 16 | 6 | 050 | 09 | 02 | 7 | 12.8 | 10.8 | 14.0 | 7.5 | 7.0 | 7.3 | 11.1 | 11.0 | 9.9 | 996 | 1 | | | 2.6 | 2.9 | 0 | 0 | 0 | 0 |
| 17 | 7 | 270 | 02 | 02 | 7 | 11.3 | 9.6 | 14.2 | 7.5 | 7.1 | 7.5 | 12.0 | 11.6 | 10.0 | 1000 | 1 | | | 0.9 | 5.8 | 0 | 0 | 1 | 0 |
| 18 | 5 | 250 | 09 | 02 | 8 | 10.5 | 8.6 | 13.9 | 5.5 | 0.3 | 2.9 | 11.3 | 11.9 | 10.3 | 1009 | 0 | | | 0.0 | 12.8 | 0 | 0 | 0 | 0 |
| 19 | 2 | 270 | 05 | 02 | 8 | 10.8 | 9.0 | 14.5 | 5.6 | 0.0 | 3.0 | 11.2 | 11.9 | 10.3 | 1016 | 0 | | | 0.0 | 12.1 | 0 | 0 | 0 | 0 |
| 20 | 8 | 140 | 05 | 02 | 7 | 11.1 | 8.7 | 11.3 | 8.6 | 2.6 | 3.8 | 11.1 | 12.0 | 10.4 | 1010 | 0 | | | 9.1 | 1.4 | 0 | 0 | 0 | 0 |
| 21 | 7 | 070 | 09 | 52 | 6 | 11.1 | 10.6 | 13.7 | 7.8 | 7.8 | 8.6 | 11.8 | 11.4 | 10.6 | 985 | 1 | | | 0.7 | 1.6 | 0 | 0 | 0 | 0 |
| 22 | 8 | 270 | 05 | 80 | 8 | 7.3 | 6.0 | 11.1 | 4.4 | 4.0 | 5.1 | 10.0 | 11.4 | 10.6 | 1002 | 1 | | | 2.8 | 1.3 | 0 | 0 | 0 | 0 |
| 23 | 7 | 180 | 05 | 25 | 7 | 7.4 | 6.8 | 13.0 | 4.9 | 1.8 | 3.8 | 9.0 | 10.2 | 10.5 | 1003 | 1 | | | 9.6 | 3.5 | 0 | 0 | 0 | 0 |
| 24 | 3 | 230 | 09 | 01 | 8 | 9.4 | 7.8 | 13.3 | 5.4 | 3.7 | 4.2 | 10.8 | 11.4 | 10.5 | 998 | 1 | | | 1.1 | 3.8 | 0 | 0 | 0 | 0 |
| 25 | 7 | 270 | 05 | 02 | 7 | 10.0 | 8.3 | 14.2 | 7.1 | 4.5 | 5.2 | 11.0 | 11.5 | 10.6 | 1015 | 1 | | | 3.1 | 1.4 | 0 | 0 | 0 | 0 |
| 26 | 7 | 360 | 05 | 02 | 7 | 9.0 | 8.1 | 14.2 | 6.3 | 5.0 | 5.6 | 11.2 | 12.0 | 10.7 | 1019 | 1 | | | 16.0 | 1.2 | 0 | 0 | 0 | 0 |
| 27 | 3 | 250 | 05 | 02 | 8 | 13.7 | 9.9 | 16.5 | 5.8 | 1.1 | 3.8 | 11.7 | 12.0 | 10.8 | 1020 | 1 | | | 0.4 | 6.6 | 0 | 0 | 0 | 0 |
| 28 | 8 | 000 | 00 | 25 | 7 | 11.6 | 11.0 | 16.2 | 7.8 | 3.2 | 6.3 | 13.2 | 13.2 | 10.9 | 1023 | 1 | | | 0.0 | 0.6 | 0 | 0 | 0 | 0 |
| 29 | 8 | 000 | 00 | 02 | 7 | 16.3 | 14.0 | 19.8 | 11.2 | 9.4 | 11.2 | 15.0 | 13.7 | 11.2 | 1027 | 1 | | | 0.0 | 0.5 | 0 | 0 | 0 | 0 |
| 30 | 2 | 090 | 02 | 02 | 7 | 17.9 | 15.6 | 22.4 | 8.1 | 6.3 | 7.5 | 15.4 | 14.0 | 11.7 | 1025 | 1 | | | 0.0 | 13.0 | 0 | 0 | 0 | 0 |
| 31 | 1 | 140 | 05 | 02 | 8 | 16.9 | 12.3 | 21.3 | 7.7 | 4.5 | 6.3 | 15.8 | 14.6 | 11.9 | 1022 | 0 | | | 0.0 | 14.5 | 0 | 0 | 0 | 0 |

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| | | Max | Min | Grass | Conc | 10cm | 30cm | 100cm | Press | | | | | | |
|--------------|--|----------|-------|-------|-------|------|------|-------|-------|------|-------|---|---|---|---|
| | | Rainfall | Sun | SI/Sn | Hail | Th | Gale | | | | | | | | |
| Total | | 420.8 | 159.4 | 59.2 | 119.2 | | | | | 72.4 | 153.7 | 1 | 4 | 1 | 0 |
| Mean | | 13.6 | 5.1 | 1.9 | 3.8 | 10.3 | 10.9 | 9.8 | 1008 | 4.6 | | | | | |

| | | | |
|----------------|------|-----|------|
| Highest max °C | 22.4 | on: | 30th |
| Lowest max °C | 7.7 | on: | 3rd |
| Lowest min °C | -1.3 | on: | 1st |
| Highest min °C | 11.2 | on: | 29th |
| Grass Min °C | -7.9 | on: | 1st |

| Number of days with: | |
|--------------------------|---|
| Air min below 0.0°C | 3 |
| Grass min below 0.0°C | 8 |
| Concrete min below 0.0°C | 5 |

| Rainfall | Total | % 20yr Avg |
|-------------------------------------|-------|------------|
| | 72.4 | 113.8 |
| Greatest fall in 24 hrs 09-09h: | 16.0 | On: 26th |
| Number of days with 0.2 mm or more: | 20 | |
| Number of days with 1.0 mm or more: | 14 | |
| Number of days with 5.0 mm or more: | 5 | |

| Diff | | Wind Direction 0900hrs | | | | | | | | | |
|-------------|------|------------------------|---|----|---|----|---|----|---|----|------|
| Mean Max °C | 13.6 | -1.7 | N | NE | E | SE | S | SW | W | NW | Calm |
| Mean Min °C | 5.1 | -1.6 | 1 | 5 | 1 | 5 | 1 | 8 | 4 | 4 | 2 |
| Mean °C | 9.4 | -1.6 | | | | | | | | | |

| |
|-----------------|
| Max Gust |
| 32mph 3rd |
| Mean Wind Speed |
| 4.6 |

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

| Sunshine | |
|-------------|--------------|
| Total | 153.7 |
| Sunniest | 14.5hrs 31st |
| Days no sun | 1 |

| Pressure | | |
|----------|--------|--------|
| Mean | 1008 | at obs |
| High | 1029.7 | 29th |
| Low | 985.1 | 20th |

May 2021 - The cold start to spring in April continued into May with air and ground frosts and day time temperatures struggling to pass 10c. There was some rain but Brampton missed out on the deluges widely reported in the media. However rainfall totals totted up and we passed the average on the 26th with 16mm rain falling in very heavy showers in the late afternoon. Overall Mean temperatures well below normal