

Brampton Climatological Weather Station

Feb 2021 date	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										
01	5	090	02	02	8	0.6	-0.1	4.1	-1.1	-5.5	-3.8	-0.4	2.0	3.7	998	4			3.4	1.0	0	0	0	0
02	8	090	09	73	3	0.3	0.1	1.8	0.1	-2.1	-1.0	0.1	1.8	3.6	994		7	3	23.5	0.0	5	0	0	0
03	8	090	13	73	5	0.9	0.8	3.0	0.1	0.0	0.0	0.1	1.7	3.4	993		2	1	6.8	0.0	5	0	0	0
04	8	090	13	63	5	2.4	2.3	4.9	0.9	0.3	0.1	1.5	1.8	3.7	1007	1			2.5	0.0	0	0	0	0
05	8	090	09	50	6	4.0	3.9	5.6	2.3	2.0	1.8	2.6	2.3	3.2	1007	1			4.0	0.0	0	0	0	0
06	8	070	05	60	6	4.3	4.2	4.4	3.4	3.0	3.1	3.1	3.2	3.3	1012	1			0.6	0.1	1	0	0	0
07	8	070	05	70	7	0.4	-1.0	0.5	0.2	-0.6	-0.7	1.0	2.9	3.5	1016	4			0.4	0.0	5	0	0	0
08	4	070	09	02	8	-1.7	-1.9	0.3	-2.1	-4.9	-4.2	0.4	2.4	2.6	1013		7	1	1.6	3.4	5	0	0	0
09	1	090	02	02	8	-4.6	-4.7	1.9	-5.7	-9.2	-6.0	0.1	2.2	3.6	1013		7	3	0.2	6.3	5	0	0	0
10	4	090	02	85	8	-4.0	-4.1	1.3	-5.1	-11.9	-6.3	0.0	1.8	3.5	1020		7	2	0.4	6.2	5	0	0	0
11	1	090	05	02	8	-3.0	-3.3	2.4	-6.3	-11.8	-6.0	-0.2	1.8	3.4	1029		7	3	0.0	7.6	0	0	0	0
12	2	090	05	02	8	-1.1	-1.2	2.1	-4.2	-8.3	-6.0	-0.4	1.5	3.3	1032		7	2	0.0	7.3	0	0	0	0
13	5	140	09	02	7	-2.5	-2.7	3.7	-4.2	-7.0	-5.7	-0.4	1.4	3.2	1030		7	2	0.2	0.2	5	0	0	0
14	8	180	09	02	7	3.7	2.4	6.9	-2.5	-4.6	-4.5	-0.2	1.3	3.0	1016		2	1	0.3	0.0	0	0	0	0
15	4	180	09	02	7	6.9	6.2	9.7	3.7	2.5	2.0	1.6	1.3	2.9	1012	1			1.0	2.0	0	0	0	0
16	7	200	05	02	7	8.0	7.1	10.4	6.7	4.4	3.6	3.6	1.8	2.9	1001	1			2.0	1.2	0	0	0	0
17	6	230	09	02	7	6.7	5.1	9.6	4.9	1.8	1.7	2.9	2.5	3.0	1000	1			1.1	1.4	0	0	0	0
18	7	230	09	25	7	4.5	3.7	7.1	4.0	3.2	4.0	4.2	3.3	3.2	991	1			3.2	1.2	0	0	0	0
19	8	200	13	60	7	6.1	5.4	10.6	3.9	1.0	1.5	3.5	3.5	3.0	995	1			6.0	0.3	0	0	0	0
20	8	200	05	02	7	10.5	10.2	11.6	5.9	5.2	5.1	4.5	4.5	4.7	995	1			3.5	0.0	0	0	0	0
21	3	200	09	02	7	8.6	6.5	11.6	6.6	3.6	3.8	4.5	5.1	4.0	1005	1			3.3	4.0	0	0	0	0
22	7	200	02	21	7	6.3	6.1	10.1	6.0	4.5	5.2	5.2	5.3	4.4	1011	1			TR	5.3	0	0	0	0
23	8	180	13	60	7	8.2	6.2	11.2	6.1	1.4	2.7	4.5	5.2	4.5	1009	1			19.0	0.8	0	0	0	0
24	8	230	09	51	6	9.1	8.7	9.1	7.8	7.1	7.2	6.8	5.9	4.8	1012	1			7.8	0.0	0	0	0	0
25	6	250	09	02	7	6.0	5.2	7.9	5.5	2.9	3.0	4.8	6.0	5.0	1021	1			0.0	5.8	0	0	0	0
26	7	230	09	02	7	4.8	4.4	9.2	2.5	-0.6	-0.2	3.0	5.1	5.2	1034	1			0.0	2.9	0	0	0	0
27	3	200	05	02	8	6.9	6.1	10.2	4.2	-0.7	0.6	3.8	5.0	5.3	1040	1			0.0	6.8	0	0	0	0
28	9	000	00	47	1	3.7	3.6	9.1	2.2	-1.6	-0.8	4.2	5.4	5.2	1039	1			0.0	6.9	0	0	0	0

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		Max	Min	Grass	Conc	10cm	30cm	100cm	Press						
		Rainfall	Sun	SI/Sn	Hail	Th	Gale								
Total		180.3	45.8	-25.9	0.2					90.8	70.7	8	0	0	0
Mean		6.4	1.6	-0.9	0.0	2.3	3.1	3.8	1012	2.5					

Highest max °C	11.6	on:	20th/21st
Lowest max °C	0.3	on:	8th
Lowest min °C	-6.3	on:	11th
Highest min °C	7.8	on:	24th
Grass Min °C	-11.9	on:	10th

Number of days with:	
Air min below 0.0°C	8
Grass min below 0.0°C	13
Concrete min below 0.0°C	12

Rainfall	Total	%	20yr Avg
	90.8		128.2
Greatest fall in 24 hrs 09-09h:	23.5	On:	2nd
Number of days with 0.2 mm or more:	21		
Number of days with 1.0 mm or more:	15		
Number of days with 5.0 mm or more:	5		

Diff		Wind Direction 0900hrs									
Mean Max °C	6.4	-0.7	N	NE	E	SE	S	SW	W	NW	Calm
Mean Min °C	1.6	0.2	0	3	9	1	3	11	0	0	1
Mean °C	4.0	-0.3									

Max Gust
42mph 14th
Mean Wind Speed
8.2

Fog at 0900hrs
2

Sunshine	
Total	70.7
Sunniest	7.6hrs 11th
Days no sun	8

Pressure		
Mean	1012	at obs
High	1042.4	27th
Low	988.4	17th

February 2021 - A month of two distinct halves 1st-13th was cold, with a very cold spell 7th-13th with several days of snow and very cold nights. Snow amounts were small but lasted and there was snow on the ground from the 8th-14th. The second half turned milder and of course wetter 19mm falling on the 23rd. Overall the mean temperatures were just below normal at 4.0c (-0.3)