

Brampton Climatological Weather Station

Jan 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	6	200	02	02	8	0.6	0.4	2.1	-1.5	-7.9	-5.7	0.0	2.4	5.2	1014		3	1	0.1	0.3	0	0	0	0
02	7	200	02	86	6	-3.0	-3.2	1.0	-3.4	-8.8	-5.9	-0.2	2.3	5.0	1018		7	1	0.2	0.5	5	0	0	0
03	6	050	02	02	8	0.9	0.8	2.0	-3.1	-7.5	-5.0	-0.2	2.1	4.8	1023		7	1	3.2	0.8	0	0	0	0
04	6	090	02	87	7	0.9	1.0	2.5	0.0	-4.6	-3.0	-0.2	2.0	4.6	1029		0	1	1.8	0.7	5	2	0	0
05	4	070	05	02	8	0.4	0.0	2.4	-0.6	-5.4	-3.6	0.0	2.0	4.5	1029		0	1	0.3	0.8	5	0	0	0
06	2	000	00	40	8	-2.3	-2.4	2.6	-2.6	-6.8	-4.6	-0.3	1.9	4.3	1025		2	<1	0.9	3.2	5	0	0	0
07	8	180	02	71	4	-1.0	-1.1	0.6	-4.1	-8.2	-5.4	-0.7	1.8	4.3	1018		7	2	2.7	0.0	5	0	0	0
08	7	050	09	26	8	0.0	-0.3	0.7	-1.5	-3.2	-1.5	-0.4	1.7	4.1	1021		7	5	TR	1.9	5	0	0	0
09	3	180	02	02	7	-5.1	-5.2	4.5	-7.1	-12.7	-8.0	-0.6	1.7	4.1	1026		7	5	0.3	0.1	0	0	0	0
10	8	230	02	60	6	4.5	4.4	6.0	-5.7	-8.0	-6.3	-0.2	1.6	3.8	1022	4			1.2	0.0	0	0	0	0
11	8	250	13	50	5	6.0	5.9	8.1	4.4	3.5	2.8	3.0	1.7	3.9	1009	1			8.2	0.0	1	0	0	0
12	0	000	00	02	8	-1.6	-1.8	2.3	-2.1	-7.4	-4.2	0.5	1.7	3.7	1014	4			TR	2.1	1	0	0	0
13	7	180	02	02	7	0.3	-0.2	2.9	-1.7	-7.4	-3.9	0.0	1.5	3.8	1017	4			18.7	0.0	0	1	0	0
14	8	090	09	68	5	1.1	1.0	1.4	0.3	-0.2	-0.3	0.0	1.4	3.6	1016	1			3.8	0.0	5	0	0	0
15	5	180	02	01	7	-0.8	-0.9	5.4	-2.0	-7.6	-4.3	0.0	1.4	3.6	1030	4			6.4	1.7	5	0	0	0
16	7	230	09	02	7	5.4	5.0	7.5	-1.2	-3.8	-2.5	0.1	1.4	3.5	1009	1			0.4	0.0	0	0	0	0
17	5	230	05	02	7	3.0	2.8	5.7	1.8	-1.3	-1.2	0.6	1.8	3.4	1021	4			0.4	0.0	0	0	0	0
18	8	250	13	80	7	5.1	4.5	5.9	2.9	1.0	0.2	3.0	2.4	3.5	1015	1			12.2	0.0	0	0	0	0
19	8	000	00	61	3	5.3	5.2	7.5	4.4	3.8	3.7	3.8	3.1	3.7	998	1			49.6	0.0	0	0	0	0
20	9	000	00	43	2	3.5	3.5	4.3	3.4	3.5	3.6	3.8	4.0	3.7	980	1			16.3	0.0	5	0	0	0
21	6	250	09	02	7	2.0	1.9	5.4	-0.2	-0.1	0.0	1.1	3.7	4.0	972		3	2	0.0	1.6	5	0	0	0
22	4	250	09	01	8	1.9	1.3	4.0	1.5	-0.5	-0.8	0.6	3.3	4.2	987	4			TR	2.8	0	1	0	0
23	5	230	02	40	3	-1.3	-1.4	0.5	-1.6	-8.0	-4.2	0.1	2.7	4.1	993	4			0.0	0.8	0	0	0	0
24	3	000	00	02	8	-2.3	-2.4	1.9	-2.8	-9.0	-5.2	-0.8	2.1	4.0	997	4			0.0	3.5	0	0	0	0
25	6	250	13	01	8	1.2	0.8	4.0	-2.7	-9.1	-6.1	-1.0	1.9	3.8	1005	4			0.0	1.2	0	0	0	0
26	8	180	05	02	7	2.6	2.1	5.6	1.1	-2.3	-3.5	-0.4	1.7	3.7	1012	4			3.6	0.0	0	0	0	0
27	9	250	02	45	2	4.6	4.5	6.4	2.4	-0.4	-1.2	2.0	1.6	3.5	1008	1			8.2	0.0	0	0	0	0
28	8	090	09	23	7	2.0	1.9	6.0	1.2	1.2	1.1	1.3	2.1	3.4	999	1			7.8	0.0	1	0	0	0
29	8	250	02	46	3	3.9	3.8	5.4	2.0	1.6	1.4	3.1	2.8	3.4	993	1			0.3	0.1	0	0	0	0
30	6	090	09	02	8	1.2	0.9	3.6	0.6	-1.2	-1.2	0.7	3.0	3.4	1002	4			TR	2.3	5	0	0	0
31	5	090	02	02	8	-0.9	-1.3	2.6	-2.2	-7.1	-4.9	-0.3	2.4	3.8	1003	4			0.0	0.1	5	0	0	0

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		Max	Min	Grass	Conc	10cm	30cm	100cm	Press						
		Rainfall	Sun	SI/Sn	Hail	Th	Gale								
Total		120.8	-20.1	-123.9	-79.7					146.6	24.5	15	3	0	0
Mean		3.9	-0.6	-4.0	-2.6	0.6	2.2	3.9	1010	0.8					

Highest max °C	8.1	on:	11th
Lowest max °C	0.5	on:	23rd
Lowest min °C	-7.1	on:	9th
Highest min °C	4.4	on:	19th
Grass Min °C	-12.7	on:	9th

Number of days with:	
Air min below 0.0°C	18
Grass min below 0.0°C	25
Concrete min below 0.0°C	24

Rainfall	Total	% 20yr Avg
	146.6	168.5
Greatest fall in 24 hrs 09-09h:	49.6	On: 19th
Number of days with 0.2 mm or more:	21	
Number of days with 1.0 mm or more:	14	
Number of days with 5.0 mm or more:	8	

Diff

Mean Max °C	3.9
Mean Min °C	-0.6
Mean °C	1.6

Wind Direction 0900hrs									
N	NE	E	SE	S	SW	W	NW	Calm	
0	3	5	0	5	13	0	0	5	

Max Gust
41mph 11th
Mean Wind Speed
6.5mph

Fog at 0900hrs
5

January 2021 Has been the coldest January since 2010 with a mean temperature of 1.6c, well below the normal of 4.1c, Air and ground frosts were numerous. Snow lay on the ground from the 1st until the 9th, it was very thin at times but a cover non the less. We also had a very wet spell 49.6mm falling on the 19th, wettest January day in 20 years, overall it was the 2nd wettest January

Sunshine	
Total	24.5
Sunniest	3.5hrs 24th
Days no sun	13

Pressure		
Mean	1010	at obs
High	1030.6	15th
Low	970.8	20th