

July 2016

July 2016 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
												30cm	50cm	100cm										
01	7	270	05	02	7	12.5	11.4	15.3	10.2	9.3	9.9	15.4	15.3	14.5	1000	1			14.0	3.5	0	1	0	0
02	6	270	13	02	7	13.0	10.8	14.2	7.4	3.0	6.2	15.3	15.4	14.7	1005	1			4.6	1.6	0	0	0	0
03	5	270	13	02	8	12.6	10.2	15.1	9.8	7.3	8.7	15.0	15.3	14.7	1014	1			0.1	3.2	0	0	0	0
04	8	230	02	02	8	14.6	12.6	16.8	10.5	8.6	11.1	15.1	15.0	14.4	1016	1			12.1	1.0	0	0	0	0
05	5	290	05	02	8	13.6	12.0	16.7	10.3	8.8	10.2	15.4	15.2	14.4	1016	1			0.1	6.0	0	0	0	0
06	8	250	02	02	7	12.7	10.5	16.2	7.8	2.1	3.6	15.3	15.3	14.5	1021	1			2.5	0.0	0	0	0	0
07	8	270	02	02	7	13.8	12.5	18.0	12.9	4.5	13.3	15.5	15.3	14.5	1015	1			1.2	4.5	0	0	0	0
08	8	250	02	60	7	13.7	13.4	18.2	13.0	9.5	13.0	16.3	15.6	14.5	1008	1			1.5	2.8	0	0	0	0
09	8	230	02	20	7	16.1	15.7	18.9	12.7	7.7	12.2	16.3	15.8	14.8	1010	1			1.4	0.0	0	0	0	0
10	8	000	00	02	7	15.4	13.8	17.9	13.2	12.0	13.5	16.6	15.9	14.9	1001	1			4.5	0.5	0	0	0	0
11	8	270	02	60	7	15.0	14.8	15.9	13.4	5.7	14.0	16.3	15.9	14.9	999	1			1.3	0.1	0	0	0	0
12	7	270	02	02	7	13.4	11.3	17.0	9.5	4.4	7.8	15.6	15.7	14.9	1011	1			TR	3.0	0	0	0	0
13	5	270	02	02	8	12.6	11.1	16.8	9.7	6.0	9.8	15.8	15.8	15.0	1016	1			0.3	4.3	0	0	1	0
14	4	270	05	02	8	13.4	11.8	19.5	8.2	2.8	6.8	15.9	15.8	15.6	1023	1			0.0	11.5	0	0	0	0
15	8	250	02	02	8	14.3	13.0	19.1	11.4	7.1	11.6	16.6	16.1	15.0	1021	0			3.7	0.0	0	0	0	0
16	6	270	13	02	8	14.2	12.2	16.6	13.1	10.5	12.1	16.1	16.2	15.2	1021	1			TR	8.2	0	0	0	0
17	8	250	13	02	7	13.4	12.3	19.6	12.8	11.0	12.6	16.7	16.3	15.3	1020	0			TR	3.0	0	0	0	0
18	6	250	02	02	8	19.4	17.9	24.6	13.4	10.4	14.2	16.7	16.3	15.3	1019	0			0.0	4.5	0	0	0	0
19	1	250	02	02	8	23.8	19.9	29.7	14.2	10.9	12.5	17.2	16.5	15.4	1017	0			13.7	14.9	0	0	0	0
20	8	070	05	95	6	17.4	17.2	22.7	16.4	15.8	17.8	19.4	17.7	15.7	1007	1			4.2	3.8	0	1	1	0
21	7	250	02	02	8	17.3	14.6	20.5	12.0	7.9	11.0	18.5	17.8	16.0	1014	1			TR	4.5	0	0	0	0
22	3	200	02	02	8	19.5	16.4	22.4	14.0	10.0	12.4	18.5	17.9	16.2	1017	0			1.5	3.1	0	0	0	0
23	8	270	02	02	7	17.1	14.7	19.2	13.5	11.6	13.9	18.7	18.4	16.5	1019	0			0.3	1.7	0	0	0	0
24	7	230	05	02	8	19.0	16.8	19.4	14.3	12.1	13.8	18.7	18.1	16.7	1016	1			3.0	0.5	0	0	0	0
25	7	250	05	02	8	14.5	13.0	16.9	12.3	10.2	11.9	18.4	18.0	16.6	1015	1			1.5	4.2	0	0	0	0
26	8	270	02	02	8	15.0	13.0	17.0	12.8	9.5	12.4	17.8	17.7	16.6	1018	1			22.0	1.0	0	0	0	0
27	6	270	02	02	8	15.2	13.1	17.5	12.9	12.2	13.5	17.6	17.5	16.6	1013	1			2.1	5.6	0	0	0	0
28	8	230	02	63	7	13.4	11.9	16.3	11.3	6.5	10.0	17.4	17.4	16.5	1011	1			7.3	0.3	0	0	0	0
29	7	360	02	02	7	16.0	15.0	21.0	15.4	13.3	14.0	17.5	17.3	16.4	1009	1			TR	4.7	0	0	0	0
30	7	270	09	02	7	13.4	12.2	16.9	10.0	5.9	8.8	17.8	17.7	16.6	1012	1			0.1	2.9	0	0	0	0
31	5	270	09	02	8	13.3	11.2	16.5	9.8	6.6	8.8	17.3	17.4	16.6	1015	1			0.3	5.8	0	0	0	0

July 2016

	Max	Min	Grass	Conc	30cm	50cm	100cm	Press		Rainfall	Sun	SI/Sn	Hail	Th	Gale
Total	572.4	368.2	263.2	351.4						103.3	110.7	0	2	2	0
Mean	18.5	11.9	8.5	11.3	16.8	16.5	15.5	1014			3.5				

Highest max °C	29.7	on:	19th
Lowest max °C	14.2	on:	2nd
Lowest min °C	7.4	on:	2nd
Highest min °C	16.4	on:	20th
Grass Min °C	2.1	on:	6th

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	%	10yr Avg
	103.3		110.7
Greatest fall in 24 hrs 09-09h:	22.0	On:	24th
Number of days with 0.2 mm or more:	21		
Number of days with 1.0 mm or more:	18		
Number of days with 5.0 mm or more:	5		

Mean Max °C	18.5
Mean Min °C	11.9
Mean °C	15.2

Wind Direction 0900hrs								
N	NE	E	SE	S	SW	W	NW	Calm
1	1	0	0	0	13	14	1	1

Max Gust	42mph
Mean Wind Speed	6.0mph

Fog at 0900hrs	0
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Sunshine	
Total	110.7
Sunniest	14.9hrs 19th
Days no sun	3

Pressure		
Mean	1014	at obs
High	1025.3	14th
Low	995.8	10th

July 2016. The 19th was the warmest day of the year by far at 29.7c. It was also the 3rd warmest July day on record and the 7th warmest day overall. rainfall was above average at 110.7% of normal rainfall. Sunshine was well below average with just 68.8% of normal. Mean temperatures despite that hot day were just below normal -0.3c overall. Brampton experienced a rather severe morning Thunderstorm on the 20th July,