

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	2	180	09	02	8	3.1	1.5	7.5	0.9	-3.1	-1.9	4.9	4.5	5.5	975		1	TR	11.0	0.8	0	1	0	0
02	4	230	13	02	7	5.4	3.8	8.3	2.3	-0.3	0.7	4.4	4.5	5.6	993	1			0.2	2.6	0	0	0	0
03	6	160	13	02	7	6.0	4.0	7.8	4.9	-0.3	1.8	4.3	4.6	5.4	998	1			0.1	1.2	0	0	0	0
04	4	180	05	02	8	3.8	2.9	6.6	3.2	-1.1	0.3	4.3	4.6	5.3	991	1			3.0	4.4	0	0	0	0
05	5	090	05	02	8	5.8	4.1	8.3	4.6	0.5	1.0	4.2	4.6	5.4	972	1			6.6	3.2	0	0	0	0
06	7	250	13	80	7	6.4	5.0	7.6	4.6	2.9	3.4	4.6	4.8	5.3	983	1			TR	0.6	0	0	0	0
07	8	250	05	02	5	2.3	2.1	6.6	0.9	-1.8	-0.4	4.6	5.0	5.4	985	1			5.3	1.7	0	0	0	0
08	7	230	09	02	7	4.5	3.0	6.4	2.6	-1.9	0.5	4.4	4.9	5.4	964	1			13.1	1.3	0	0	0	0
09	8	250	13	80	7	5.1	4.6	6.7	3.5	2.3	3.2	4.4	4.9	5.5	967	1			0.7	1.1	0	0	0	0
10	5	200	05	02	8	2.6	1.8	6.8	1.8	-1.9	-1.0	4.4	5.0	5.5	987	1			TR	3.0	0	0	0	0
11	8	230	13	02	8	3.9	3.0	5.2	1.9	-2.5	-0.9	4.0	4.6	5.4	981	1			1.7	2.2	5	0	0	0
12	8	200	09	03	7	2.3	1.6	6.5	0.2	-1.6	-1.0	3.8	4.4	5.4	985		2	1	13.0	0.1	0	1	0	1
13	6	250	13	89	6	2.2	1.7	6.0	2.3	0.4	0.5	3.8	4.3	5.2	977	1			1.2	1.8	0	1	0	0
14	8	230	05	02	8	4.1	3.2	8.0	2.2	1.1	1.4	4.0	4.3	5.1	989	1			9.8	0.0	1	0	0	0
15	8	250	13	62	7	4.5	4.3	6.4	2.5	1.5	1.8	4.3	4.5	5.1	967	1			5.4	1.2	1	0	0	0
16	5	250	02	02	8	3.1	2.3	7.4	2.1	-0.6	0.0	4.4	4.6	5.2	1000	1			0.0	4.8	0	0	0	0
17	8	090	02	02	7	5.8	4.4	8.8	3.1	-2.7	0.7	4.4	4.6	5.2	1001	1			0.4	0.0	0	0	0	0
18	6	200	05	80	7	7.4	6.3	7.6	5.6	4.7	4.4	4.7	4.7	5.2	1002	1			9.1	0.0	0	0	0	0
19	8	270	02	51	3	6.1	6.0	10.4	5.0	5.3	5.3	5.2	5.0	5.2	1006	1			2.5	0.2	0	0	0	0
20	6	250	19	80	6	8.1	6.7	8.2	5.8	4.4	5.5	5.6	5.4	5.3	987	1			4.0	0.5	0	0	0	0
21	8	230	13	80	6	3.8	2.8	7.1	3.3	0.5	0.4	5.3	5.5	5.6	991	1			2.5	0.2	0	0	0	0
22	6	250	19	02	6	6.2	5.1	9.9	3.5	2.5	2.4	5.1	5.3	5.6	999	1			3.5	1.7	0	0	0	0
23	8	230	05	60	7	8.8	7.7	10.1	5.3	5.0	5.5	5.5	5.5	5.6	993	1			22.8	0.0	0	0	0	0
24	8	230	05	60	7	3.8	3.6	9.6	3.4	3.0	3.8	6.0	5.8	5.8	996	1			2.6	2.2	0	0	0	0
25	2	230	09	62	7	6.4	4.7	9.1	3.7	2.0	2.3	6.1	6.0	5.8	989	1			3.2	4.2	0	0	0	0
26	7	230	09	02	7	6.0	4.5	7.5	4.6	0.9	1.9	5.6	5.9	5.8	1001	1			5.7	0.0	0	0	0	0
27	7	270	13	02	7	5.5	4.8	7.4	3.4	2.4	3.0	5.0	5.6	5.9	997	1			0.2	4.7	0	0	0	0
28	2	250	02	02	7	1.4	0.8	7.7	0.0	-4.0	-3.0	5.2	5.7	5.9	1000	1			0.3	5.8	0	0	0	0

	Max	Min	Grass	Conc	30cm	50cm	100cm	Press		Rainfall	Sun	SI/Sn	Hail	Th	Gale
<b>Total</b>	215.5	87.2	17.6	41.6						127.9	49.5	3	3	0	1
<b>Mean</b>	7.7	3.1	0.6	1.5	4.7	5.0	5.5	988		1.8					

Highest max °C	10.4	on:	19th
Lowest max °C	5.2	on:	11th
Lowest min °C	0.0	on:	28th
Highest min °C	5.8	on:	20th
Grass Min °C	-4.0	on:	28th

Number of days with:	
Air min below 0.0°C	0
Grass min below 0.0°C	12
Concrete min below 0.0°C	6

Rainfall	Total	% 10yr Avg
	127.9	213%
Greatest fall in 24 hrs 09-09h:	22.8	On: 6th
Number of days with 0.2 mm or more:	24	
Number of days with 1.0 mm or more:	19	
Number of days with 5.0 mm or more:	10	

Mean Max °C	7.7
Mean Min °C	3.2
Mean °C	5.5

Wind Direction 0900hrs								
N	NE	E	SE	S	SW	W	NW	Calms
0	0	2	1	2	21	2	0	0

Max Gust
60mph 12th
Mean Wind Speed
10.6mph

Fog at 0900hrs
1

Sunshine	
Total	49.5
Sunniest	5.8
Days no sun	5

Pressure		
Mean	988	at obs
High	1007	19th
Low	956	8th

February will be remembered for being wet 127.9mm falling making it the second wettest February on record with 213% normal. It was also milder than usual with a complete absence of an air frost. Thus also making this winter a frost free ( air frost) for the first time on record. ( 1999) I also suggest it has possibly never happened before in Brampton . Pressure was low throughout the month with several stormy periods, average pressure at 0900hrs was just 988mm and it fell to 956mb a new record on the 8th. Lack of snow meant just 2 days when snow was present at 0900hrs, but depths virtually unmeasurable

Date	Before 0900hrs	After 0900hrs
01/02/2014	Sunny cold wind	Heavy rain windy
02/02/2014	Partial cloud	Cloudy occ light showers
03/02/2014	Shower o/n breezy	Dry day
04/02/2014	Sign of shower o/n	Dry day, rain eve
05/02/2014	Rain o/n	Spells of rain PM
06/02/2014	Rain o/n light shower	Dry day cloudy PM
07/02/2014	Dry overcast cool	Dry day rain late PM
08/02/2014	Rain o/n	Showers
09/02/2014	Showers o/n	Occ showers, dry PM
10/02/2014	Dry light ground frost	Dry day sunny spells
11/02/2014	Rain o/n and am	Dry day, snow shower PM
12/02/2014	Snow shower o/n	Snow quickly melted - rain
13/02/2014	Hail shower at Obs	Showers PM
14/02/2014	Dry cloudy	Rain from 2pm, sleet 3pm
15/02/2014	Shower o/n and am	Showers Sleet 1230
16/02/2014	Dry some cloud	Dry day sunny periods
17/02/2014	Dry cloudy	Light shower PM cloudy
18/02/2014	Shower o/n and am	Showers all day
19/02/2014	Drizzle and fog	Occ light shower, rain eve
20/02/2014	Showers windy	Showers sleet 3pm
21/02/2014	Light shower at Obs	Showers PM, heavy eve
22/02/2014	Showers o/n dry cloudy	Drizzle, rain late PM
23/02/2014	Rain o/n and AM	Spells of rain , some heavy
24/02/2014	Heavy Rain o/n	Brief rain am
25/02/2014	Rain o/n	Occ showers sunny spells
26/02/2014	Rain o/n showers	heavy showers clear eve
27/02/2014	Rain 0/n and AM heavy 7	Brief Shower - Aurora 2200hrs
28/02/2014	Dry light frost	Dry day sunny periods