

Dec 2015	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										
date																								
01	8	160	05	63	6	5.7	5.4	13.2	1.4	-4.1	-1.5	5.7	6.9	8.1	1013	2			2.4	0.0	0	0	0	0
02	8	230	09	61	6	11.0	10.1	12.4	3.8	4.0	4.6	6.8	6.9	7.9	1009	1			2.5	0.0	0	0	0	0
03	8	090	02	02	8	4.2	3.5	10.7	5.2	-3.0	1.0	5.9	7.2	7.9	1017	1			21.5	0.0	0	0	0	0
04	6	250	19	02	7	7.8	6.5	12.0	2.2	-0.6	1.2	6.5	7.1	7.9	1016	2			16.7	0.5	0	0	0	0
05	8	230	19	02	5	11.0	10.1	13.2	5.0	5.1	6.5	7.1	7.2	7.7	1001	1			22.0	0.0	0	0	0	1
06	7	270	05	02	8	6.8	5.4	10.5	6.2	4.0	5.6	8.2	7.8	7.9	1007	2			1.4	2.3	0	0	0	0
07	7	200	05	02	7	10.3	9.7	13.7	3.9	-2.3	0.7	7.3	7.8	8.0	1018	1			0.7	2.0	0	0	0	0
08	6	230	13	02	8	10.6	7.8	10.7	10.3	4.8	7.2	7.8	7.7	8.0	1010	1			15.9	0.6	0	0	0	0
09	8	200	05	61	7	6.6	6.2	10.3	4.8	-0.6	1.6	7.4	7.7	8.0	1021	2			7.0	0.0	0	0	0	0
10	4	250	09	02	8	6.1	4.7	6.7	4.0	2.1	3.9	7.4	7.7	8.0	1016	1			3.8	1.8	0	1	0	0
11	8	250	13	89	6	4.8	3.2	6.3	2.3	-2.5	-0.4	6.6	7.4	8.1	1012	1			1.0	0.2	0	1	0	0
12	8	160	02	61	6	4.8	4.1	5.0	3.7	-1.2	0.9	6.0	6.9	7.9	1015	1			11.8	0.0	5	0	0	0
13	3	140	02	02	8	-0.7	-0.8	7.2	-1.5	-7.4	-4.3	5.2	6.4	7.7	1020	4			2.8	0.0	0	0	0	0
14	6	160	02	06	6	5.3	5.0	9.4	-1.5	-5.0	-2.3	4.7	5.5	7.3	1013	1			0.2	1.5	0	0	0	0
15	6	090	09	06	6	7.0	6.4	13.0	4.5	-0.8	2.0	5.4	5.9	7.1	1016	1			0.3	0.0	0	0	0	0
16	8	230	05	02	6	12.0	11.2	13.6	6.3	3.8	5.3	6.1	6.3	7.0	1007	1			0.4	0.0	0	0	0	0
17	8	200	05	50	6	11.9	11.0	13.1	10.4	7.9	9.5	7.2	6.7	7.0	1004	1			0.4	0.2	0	0	0	0
18	8	230	09	02	7	11.8	9.7	14.8	10.7	7.1	8.8	7.8	7.2	7.1	1010	1			2.0	0.0	0	0	0	0
19	8	230	13	80	6	14.3	13.2	15.0	11.0	7.5	9.1	8.2	7.8	7.6	1001	1			9.5	0.0	0	0	0	0
20	5	230	09	02	7	8.8	7.0	10.7	8.5	3.2	5.7	8.7	8.2	7.8	999	1			5.3	0.1	0	1	0	0
21	4	230	05	02	7	6.0	4.5	12.7	4.8	-0.1	2.7	7.9	8.2	8.0	1001	1			16.1	1.1	0	0	0	0
22	8	250	24	63	6	12.3	11.6	12.3	2.3	0.8	2.9	7.4	8.0	8.1	996	2			4.2	0.0	0	0	0	0
23	5	250	19	02	7	6.3	4.4	9.6	5.4	0.5	3.6	7.4	7.8	8.0	1008	1			6.4	3.8	0	0	0	0
24	8	250	05	21	7	6.4	6.0	8.0	3.5	1.2	4.0	7.0	7.4	8.0	996	2			2.0	0.7	0	0	0	0
25	7	230	05	03	7	5.0	3.4	6.1	3.4	-0.8	1.3	6.5	7.2	7.9	1015	1			29.1	0.0	1	1	0	0
26	8	090	13	63	6	6.0	5.7	10.3	0.8	-1.5	0.6	5.9	7.0	7.9	1008	2			23.4	0.0	0	0	0	0
27	2	250	02	02	8	3.9	3.6	13.1	3.6	-3.5	0.0	6.3	7.6	7.4	1016	1			0.3	4.5	0	0	0	0
28	8	180	09	02	7	12.8	12.4	13.8	3.2	-2.7	0.0	6.0	6.5	7.3	1011	1			1.0	0.0	0	0	0	0
29	6	200	09	02	8	8.6	7.2	12.8	7.4	1.4	4.3	6.5	6.7	7.2	1010	1			0.4	2.4	0	0	0	0
30	8	200	13	52	6	11.8	11.1	12.0	8.0	2.8	5.4	6.7	6.8	7.2	993	1			2.6	0.0	0	0	0	0
31	7	230	09	80	7	5.8	4.7	6.8	3.3	-1.0	2.6	6.5	7.0	7.2	999	1			7.1	0.7	0	1	0	0

	Max	Min	Grass	Conc	30cm	50cm	100cm	Press		Rainfall	Sun	SI/Sn	Hail	Th	Gale
Total	332.2	143.6	20.1	92.5						220.2	22.4	2	4	0	1
Mean	11.1	4.8	0.7	3.0	6.8	7.2	7.7	1009		0.7					

Highest max °C	15.0	on:	19th
Lowest max °C	5.0	on:	12th
Lowest min °C	-1.5	on:	13th/14th
Highest min °C	11.0	on:	19th
Grass Min °C	-7.4	on:	13th

Number of days with:	
Air min below 0.0°C	2
Grass min below 0.0°C	15
Concrete min below 0.0°C	4

Rainfall	Total	% 15yr Avg
	220.2	225%
Greatest fall in 24 hrs 09-09h:	29.1	On: 25th
Number of days with 0.2 mm or more:	31	
Number of days with 1.0 mm or more:	24	
Number of days with 5.0 mm or more:	12	

Mean Max °C	11.1
Mean Min °C	4.6
Mean °C	7.9

Wind Direction 0900hrs									
N	NE	E	SE	S	SW	W	NW	Calm	
0	0	3	4	1	21	1	0	0	

Max Gust
52mph 4th
Mean Wind Speed
10.6mph

Fog at 0900hrs
0

December 2015. A record breaking month for lots of reasons. It also brought some of the most dramatic flooding the county and the North of England has seen. In Brampton itself there were no reports of flooding but the A6071 was closed for several days after the River Irthing burst its banks. Wettest Month on record. Also the mean temperature was a record +4c above normal, a truly exceptional figure.

Sunshine	
Total	21.7
Sunniest	4.5hrs 27th
Days no sun	15

Pressure		
Mean	1009	at obs
High	1024.15	8th
Low	993.5	30th

Date	Before 0900hrs	After 0900hrs
01/12/2015	Rain	Rain AM, mild dry PM
02/12/2015	Light rain mild	Rain clearing, then dry 3pm
03/12/2015	Cloudy Damp	Rain heavy until 8pm
04/12/2015	Clear skies breezey	Heavy rain from 4pm
05/12/2015	Heavy rain & windy O/N	Heavy rain and windy, easing 10pm
06/12/2015	Rain O/n clear	Cloudy, colder
07/12/2015	Rain O/N dry 8am	Occ drizzle , brighter PM
08/12/2015	Rain O/n dry mild	Showers all day heavy
09/12/2015	Rain O/N and Am heavy	Rain AM, further rain 4pm
10/12/2015	Rain O/N cool dry	Showers, hail eve
11/12/2015	Hail showers	Hail showers cool
12/12/2015	Rain from 8am	Moderate snow noon, clear 1600
13/12/2015	Dry frosty icy	Cold, rain then sleet 5pm
14/12/2015	Dry cloudy	Dry Day
15/12/2015	Sign rain O/N	Dry day rain from 1800hrs
16/12/2015	Dry cloudy mild	Drizzle, mild dry eve
17/12/2015	Drizzle, mild	Spells of rain noon, dry PM
18/12/2015	Cloudy mild dry	Occ Rain, mild
19/12/2015	Very Mild occ showers	Occ Rain, heavy eve, very mild
20/12/2015	Rain O/N cloudy	Heavy hail 0945hrs, showers
21/12/2015	Shower O/N	Showers
22/12/2015	Heavy rain, mild windy	Showers becoming cooler
23/12/2015	Showers O/N, dry start	Shower AM, sunny spells
24/12/2015	Rain O/N dry 0845hrs	Showers Hail 5pm, clear eve
25/12/2015	Dry becoming cloudy	Rain, period of sleet/frozen rain
26/12/2015	Heavy rain O/N and AM	Heavy rain all day, floods
27/12/2015	Dry bright start	Dry sunny, rain eve
28/12/2015	Cloudy mild dry	Dry day, shower eve
29/12/2015	Rain O/N cloudy	Rain eve
30/12/2015	A little rain, windy	Rain AM, dry PM
31/12/2015	Showers, cooler	heavy showers from 3pm, hail