

Bracknell Harmans Water Weather Station Data

Month January 2004

Date	Temperature			Rain		High't Most		Comr Days With		Fog		Wind Direction / Sp'd				Dom	Mear	Atmospheric Pressure				Frost Earth		Sun	Notes								
	Max	Min	G	Min	Daily	Rate	in 1 hr	Hour	A	G	SF	SL	SD	TH	H			G	09 Vis	0900 hr	H	G	Dir			Time	Dir	Spd	09h	High	Time	Low	Time
1	7.3	0.8	0.2	1.6	0.0	0.6	2300	0	0	0	0	0	0	0	0	0	n/a	SSE	1	22.6	SSE	0100	NW	3.2	1004.8	1014.9	0000	1004.8	0845	0.0	5.0	0	
2	4.3	4.3	3.3	0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	N	4	18.3	NNW	0245	N	2.3	1017.9	1024.9	2315	1010.0	0000	0.0	5.0	0	
3	4.6	-3.3	-5.0	0.9	0.0	0.6	2245	1	1	1	0	0	0	0	0	0	n/a	E	1	8.7	WSW	1815	E	0.8	1024.2	1025.0	0015	1019.7	2400	12.9	4.4	0	Lt Sleet c15hr
4	7.8	-1.4	1.3	0.6	0.0	0.6	0645	1	0	0	0	0	0	0	0	0	n/a	WSW	1	5.2	SSW	2000	WSW	0.1	1020.8	1021.4	2030	1018.9	0500	1.7	4.5	0	
5	10.4	1.8	-1.0	2.8	20.1	2.1	0745	0	1	0	0	0	0	0	0	0	n/a	SW	2	16.5	SW	2000	SW	2.0	1018.1	1020.6	0000	1014.7	2400	0.0	5.0	0	8 Sunless days
6	10.6	6.4	8.7	0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	SW	3	16.5	S	0830	SW	2.1	1012.7	1016.7	2330	1011.7	0700	0.0	5.2	3.93	
7	9.9	5.1	1.8	11.8	7.1	3.6	0615	0	0	0	0	0	0	0	0	0	n/a	SE	4	20.9	SE	1215	SE	4.3	1014.6	1016.5	0000	1004.2	2400	0.0	5.4	0.69	
8	10.4	7.2	5.4	4.0	3.8	1.7	0945	0	0	0	0	0	0	0	0	0	n/a	SE	13	36.5	SE	0930	SE	5.8	989.6	1004.2	0000	988.9	1145	0.0	5.4	1.65	
9	8.6	4.4	3.0	1.2	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	SW	5	21.7	WSW	1400	SW	2.3	1001.4	1010.9	2330	995.8	0000	0.0	5.4	2.13	
10	11.4	3.5	0.5	6.7	3.6	1.8	0700	0	0	0	0	0	0	0	0	0	n/a	ESE	3	14.8	S	2330	SW	1.8	1011.0	1011.0	0515	1006.3	2400	0.0	5.4	0	
11	9.2	7.8	7.0	6.0	2.0	1.8	0700	0	0	0	0	0	0	1	0	0	n/a	WSW	3	23.5	SW	1530	WSW	3.8	999.3	1006.3	0000	997.5	0700	0.0	5.4	2.41	Hail (<5mm) 1545h.
12	10.4	3.6	1.7	10.0	56.6	3.3	0330	0	0	0	0	0	0	0	0	0	n/a	E	1	17.4	ESE	2345	SE	2.3	992.9	1004.0	0000	990.0	2400	0.0	5.4	1.49	
13	8.4	5.1	4.4	1.8	1.5	1.4	0615	0	0	0	0	0	0	0	0	0	n/a	W	5	27.0	W	1330	WSW	3.5	985.6	998.0	2400	984.0	0615	0.0	5.2	2.96	
14	6.8	3.3	1.0	tr	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	ESE	3	20.9	NNW	1615	SW	2.3	994.1	1004.7	2400	991.6	1330	0.0	5.0	0.54	
15	8.2	1.3	-1.1	7.2	10.2	3.1	2000	0	1	0	0	0	0	0	0	0	n/a	SW	3	25.2	SE	1800	SW	3.5	1006.9	1007.2	0930	988.4	2345	0.0	4.7	2.78	
16	7.7	2.2	4.1	0.1	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	W	4	26.1	W	0545	WSW	2.9	991.2	997.9	2400	988.4	0000	0.0	4.7	4.49	0.1mm hoar frost
17	5.3	-1.6	-4.4	tr	0.0	0.0	0	1	1	0	0	0	0	0	0	0	n/a	WSW	1	19.1	N	1945	N	3.0	1000.6	1017.8	2400	997.9	0000	2.5	4.5	6.28	
18	7.3	-1.8	-4.3	tr	0.0	0.0	0	1	1	0	0	0	0	0	0	0	n/a	WNW	1	11.3	N	0030	NNW	1.0	1028.1	1029.0	1700	1017.8	0000	4.0	4.2	6.91	
19	9.9	-1.5	1.6	0.9	0.0	0.3	var	1	0	0	0	0	0	0	0	0	n/a	W	2	17.4	NW	2315	W	2.2	1018.5	1025.1	0000	1013.6	1830	0.7	4.2	0	
20	9.3	7.3	5.7	1.6	0.0	0.3	var	0	0	0	0	0	0	0	0	0	n/a	NW	1	14.8	NW	0015	NW	1.4	1015.3	1018.3	2330	1013.4	0330	0.0	4.4	0	
21	9.3	7.6	7.5	tr	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	NW	2	13.9	NW	0330	NW	1.4	1019.8	1021.1	1915	1018.2	0215	0.0	4.8	0	
22	7.7	6.0	4.9	6.2	2.5	2.0	1130	0	0	0	0	0	0	0	0	0	n/a	SE	4	12.2	S	0645	SE	1.8	1015.4	1020.3	0000	1011.4	1645	0.0	5.1	0	
23	8.3	6.6	5.7	5.0	3.6	2.0	1915	0	0	0	0	0	0	0	0	0	n/a	SE	2	11.3	SE	1330	SE	1.4	1015.5	1015.6	1030	1010.6	2100	0.0	7.0	0	
24	8.3	2.5	-0.8	tr	0.0	0.0	0	0	1	0	0	0	0	0	0	0	n/a	WNW	1	11.3	NW	0130	NW	1.5	1016.6	1017.9	2345	1011.0	0000	0.0	5.8	6.92	Tr hoar frst
25	5.8	-0.8	-3.8	0.1	0.0	0.0	0	1	1	0	0	0	0	0	0	0	n/a	W	1	5.2	SE	1545	ENE	0.5	1016.4	1017.9	2345	1006.4	0000	5.8	4.8	5.41	0.1mm hoar frst
26	4.9	0.7	-1.7	0.0	0.0	0.0	0	0	1	0	0	0	0	0	0	0	n/a	N	3	20.9	N	1300	N	3.7	1003.2	1007.7	2345	1002.8	0500	0.0	4.4	0	
27	4.3	1.9	0.5	0.2	0.0	0.0	0	0	0	0	0	0	0	0	0	0	n/a	NNW	3	18.3	N	1315	NW	3.0	1009.5	1010.1	1100	1006.4	2400	0.0	4.3	4.60	
28	5.1	-0.9	-2.5	2.7	x	x	x	1	1	1	1	1	1	0	0	0	n/a	W	1	31.3	WNW	1730	WSW	4.1	1007.6	1007.8	0815	998.3	1700	2.6	4.0	3.31	T(1715-20) *1715-20h
29	4.2	-4.2	-5.8	0.0	0.0	0.0	0	1	1	0	1	1	0	0	0	0	n/a	WSW	1	14.8	NW	1300	WSW	1.6	1011.3	1013.8	1800	1006.8	0000	17.3	3.7	6.95	[1cm]@ 09h 100%
30	9.9	-2.8	-3.0	8.0	2.5	2.0	0615	1	1	0	0	0	0	0	0	0	n/a	SE	3	23.5	S	2145	SE	4.2	1009.6	1012.4	0000	1000.3	2345	9.4	3.5	0	[1cm]@ 09h 60%
31	11.4	4.2	5.0	6.2	9.7	2.1	0115	0	0	0	0	0	0	0	0	0	n/a	SSE	10	41.7	W	1900	SW	7.7	990.6	1003.6	2400	986.0	1400	0.0	5.0	0	

Total 85.8 9 11 2 2 1 1 0 0 56.9 63.5

Ave 8.0 2.4 1.3 66 0.1 3.0 19.0 2.6 1008.5 1013.6 1003.7 4.9

Dfa 0.8 1.0 130% Wind Direction at 09hr N 2, NE 0, E 4, SE 7, S 0, SW 8, W 7, NW 3 CALM 0 DOM DIR. N 3, NE 1, E 1, SE 6, S 0, SW13, W 1, NW 6, Calm 0

Mean 5.2 Rain 20 days DfF= Difference from 1971-2000 average Pressure at 09h with Highest or lowest reading of the day (00 to 24hr)

0.9 Wet 16 days Wind Direction & Speed at 09h in Knots H G Highest Gust with Direction and time

Days with = AF Air Frost, GF Ground Frost, SF Snow Falling, SL Snow Lying at 0900h, SD Snow Depth (cm)

TH Thunder, H<5 Hail <5mm, H> Hail >5mm, G Gale Fg Fog at 0900h Vis Visibility

Note Wind and sunshine instruments raised from 8.3m to 10m above ground on 25/1/04