PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Sunday 1st April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1019.7	1019.7	1021.5	1022.7	1022.7	1020.2	1018.9	1018.2	1017.0	1020.1
Wind Speed	5.6	4.4	3.9	3.9	3.5	3.8	5.7	5.0	5.5	4.6
Wind Direction	240	220	250	290	240	160	160	170	160	
Highest Gust		16.2	19.5	13.0	13.8	13.0	18.7	16.2	15.4	
in interval		238	529	845	1108	1316	1644	2018	2256	
		SW	WSW	WNW	WSW	SSE	SSE	S	SSE	
Dry-bulb Temperature	8.3	9.0	8.3	10.1	12.6	15.2	13.9	12.6	10.9	11.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	trace	trace	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.0	
Visibility										
Relative humidity	4.2	4.1	4.1	4.2	4.3	4.4	4.3	4.2	4.1	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	1.9	2.0	3.0	1.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	15.7
Duration (hrs)	0.0	Minimum	9.2
1st Day of Month to Date (mm)	0.0	Grass Minimum	5.5
		Total Sunshine	7.9

COMMENTS :-

Maximum Pressure -	1022.8
Minimum Pressure -	1017.0
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Monday 2nd April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1016.7	1014.0	1012.2	1008.9	1008.1	1005.0	1005.1	1007.2	1008.9	1009.6
Wind Speed	5.7	5.9	4.7	6.7	6.6	5.4	7.7	4.9	7.0	6.1
Wind Direction	160	110	150	150	160	180	250	280	290	
Highest Gust		17.0	16.2	24.3	19.5	20.3	23.5	26.0	21.9	
in interval		115	612	756	1121	1454	1807	1958	2303	
		ESE	SSE	SSE	SSE	S	WSW	W	WNW	
Dry-bulb Temperature	10.8	9.5	9.8	10.0	12.1	12.8	11.1	8.9	7.4	10.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	trace	0.2	0.8	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.5	2.7	1.0	1.8	0.0	0.0	0.0	
Visibility										
Relative humidity	4.1	3.9	3.8	2.6	3.6	3.8	4.2	4.2	4.2	3.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.5	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.0	Maximum	14.1
Duration (hrs)	0.0	Minimum	4.9
1st Day of Month to Date (mm)	1.0	Grass Minimum	2.0
		Total Sunshine	1.0

COMMENTS :-

Maximum Pressure -	1016.7
Minimum Pressure -	1004.3
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Tuesday 3rd April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1008.6	1010.0	1011.1	1012.5	1011.8	1010.0	1007.8	1004.6	999.2	1008.4
Wind Speed	7.7	7.0	5.5	5.0	5.1	2.2	2.9	2.6	4.7	4.7
Wind Direction	290	290	250	230	250	20	170	130	110	
Highest Gust		21.1	17.0	13.8	17.8	15.4	17.8	12.2	14.6	
in interval		240	426	959	1211	1353	1743	2133	25	
		WNW	WSW	SW	WSW	NNE	S	SE	ESE	
Dry-bulb Temperature	7.4	6.6	5.1	8.0	10.6	9.7	8.6	7.4	6.0	7.7
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	trace	trace	1.4	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.3	2.0	2.8	
Visibility										
Relative humidity	4.2	4.2	4.2	4.2	4.3	4.3	4.1	4.2	3.1	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	2.5	0.5	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	4.4	Maximum	11.4
Duration (hrs)	0.0	Minimum	3.6
1st Day of Month to Date (mm)	5.4	Grass Minimum	2.8
		Total Sunshine	3.2

COMMENTS :-

Maximum Pressure -	1012.6
Minimum Pressure -	999.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Wednesday 4th April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	998.7	995.3	997.0	1000.8	1003.6	1005.9	1008.1	1011.3	1012.8	1003.7
Wind Speed	4.5	6.5	8.5	9.9	13.4	13.6	10.9	11.5	8.7	9.7
Wind Direction	100	0	330	320	300	300	300	290	280	
Highest Gust		17.8	28.4	32.4	33.3	37.3	32.4	28.4	30.0	
in interval		331	603	914	1228	1337	1659	2155	2218	
		N	NNW	NW	WNW	WNW	WNW	WNW	W	
Dry-bulb Temperature	6.0	3.7	4.7	6.2	7.6	9.1	7.9	7.2	7.1	6.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		2.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		3.2	3.0	2.2	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	17.4	3.7	8.9	4.0	4.1	4.2	4.1	4.0	4.1	6.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.0	3.0	2.7	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	9.6
Duration (hrs)	0.0	Minimum	4.2
1st Day of Month to Date (mm)	5.6	Grass Minimum	0.7
		Total Sunshine	8.1

COMMENTS :-

Maximum Pressure -	1012.9
Minimum Pressure -	995.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Thursday 5th April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1012.8	1012.7	1011.1	1007.6	999.6	994.7	995.1	997.7	999.7	1003.4
Wind Speed	9.3	4.7	4.8	4.8	8.0	6.0	14.7	11.9	10.8	8.3
Wind Direction	280	240	230	180	150	190	290	290	280	
Highest Gust		25.1	12.2	16.2	28.4	29.2	37.3	38.1	42.2	
in interval		56	500	826	1229	1306	1836	1932	2222	
		WSW	SW	S	SSE	S	WNW	WNW	W	
Dry-bulb Temperature	6.9	5.7	5.1	5.8	4.8	8.3	9.0	10.1	9.7	7.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.2	2.0	1.2	1.2	trace	0.0	
Duration of Rain (hrs)		0.0	0.0	0.3	3.0	1.2	2.0	2.5	0.0	
Visibility										
Relative humidity	4.0	4.0	4.0	3.8	8.6	23.2	3.3	4.0	4.1	6.6
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	4.0	Maximum	10.5
Duration (hrs)	0.0	Minimum	4.5
1st Day of Month to Date (mm)	9.6	Grass Minimum	3.9
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure - 1013.3

Minimum Pressure - 994.7

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Friday 6th April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	999.7	1000.9	999.9	999.7	997.4	994.0	991.4	992.3	993.0	996.5
Wind Speed	9.5	6.5	7.6	5.2	3.7	5.7	9.8	6.8	6.6	6.8
Wind Direction	280	260	250	250	190	220	260	250	270	
Highest Gust		24.3	22.7	21.9	13.0	17.0	27.6	28.4	22.7	
in interval		50	411	718	1003	1517	1832	1919	2239	
		W	WSW	WSW	S	SW	W	WSW	W	
Dry-bulb Temperature	9.8	9.7	9.9	9.9	10.5	11.0	10.4	8.4	6.4	9.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	1.0	trace	0.2	0.0	0.4	
Duration of Rain (hrs)		0.0	0.0	1.0	2.8	2.0	0.8	0.0	2.8	
Visibility										
Relative humidity	4.0	4.1	4.1	3.4	8.3	4.0	4.1	4.0	3.6	4.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	1.4	0.5		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.8	Maximum	12.7
Duration (hrs)	0.0	Minimum	5.7
1st Day of Month to Date (mm)	11.4	Grass Minimum	4.3
		Total Sunshine	1.9

COMMENTS :-

Maximum Pressure -	1000.9
Minimum Pressure -	991.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 7th April 2001**

Hours	0	3	6	9	12	15	18	21	24	
Interval	-	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	993.0	993.5	994.2	995.3	999.2	1003.7	1009.1	1014.0	1017.3	1002.1
Wind Speed	7.1	4.1	4.5	9.1	9.1	8.6	8.4	6.9	8.6	7.4
Wind Direction	270	260	270	280	360	340	350	330	330	
Highest Gust		17.0	13.8	24.3	26.0	27.6	30.8	21.9	24.3	
in interval		110	447	900	1236	1433	1653	2118	2315	
		W	W	W	N	NNW	N	NNW	NNW	
Dry-bulb Temperature	6.5	6.3	6.0	6.9	5.4	6.4	7.1	6.4	6.3	6.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.2	trace	1.4	1.4	0.2	0.0	0.0	
Duration of Rain (hrs)		2.2	3.0	0.5	3.0	3.0	0.5	0.0	0.0	
Visibility										
Relative humidity	3.8	3.9	3.9	3.8	3.7	3.3	4.0	3.9	3.8	3.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.8	Maximum	7.3
Duration (hrs)	0.0	Minimum	5.1
1st Day of Month to Date (mm)	14.2	Grass Minimum	2.4
		Total Sunshine	0.2

COMMENTS :-

Maximum Pressure -	1017.3
Minimum Pressure -	993.0
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 8th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1017.2	1019.3	1021.6	1023.3	1023.3	1021.6	1019.0	1017.1	1016.6	1019.9
Wind Speed	8.4	7.3	7.7	7.9	4.0	2.9	6.1	5.8	4.4	6.1
Wind Direction	340	310	310	310	310	250	150	130	140	
Highest Gust		21.9	21.9	18.7	17.0	12.2	18.7	20.3	17.0	
in interval		103	534	748	1015	1513	1845	2041	2212	
		NW	NW	NW	NW	WSW	SSE	SE	SE	
Dry-bulb Temperature	6.3	5.9	5.4	7.2	8.1	5.8	4.8	5.2	5.5	6.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.2	1.6	0.2	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	1.5	3.0	2.3	2.8	
Visibility										
Relative humidity	3.8	3.7	3.8	4.1	4.1	3.7	2.1	100.0	100.0	25.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	1.9	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.0	Maximum	8.5
Duration (hrs)	0.0	Minimum	4.4
1st Day of Month to Date (mm)	16.2	Grass Minimum	3.7
		Total Sunshine	2.3

COMMENTS :-

Maximum Pressure -	1023.4
Minimum Pressure -	1016.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — Monday 9th April 2001

Hours	0	3	6	9	12	15	18	21	24	
Interval	-	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1016.4	1016.1	1016.5	1016.4	1015.4	1013.5	1011.8	1011.1	1010.6	1014.2
Wind Speed	4.6	2.3	4.3	3.2	2.2	7.4	6.4	11.7	12.4	6.1
Wind Direction	140	150	300	180	210	260	270	290	290	
Highest Gust		12.2	9.7	8.1	8.9	21.9	21.1	33.3	33.3	
in interval		50	626	704	1010	1350	1648	2143	2244	
		SSE	WNW	S	SSW	W	W	WNW	WNW	
Dry-bulb Temperature	5.5	5.7	6.6	8.1	11.6	11.7	11.1	9.5	7.9	8.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	0.2	0.0	trace	trace	trace	
Duration of Rain (hrs)		1.3	1.8	0.0	0.7	0.0	0.7	0.3	1.0	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	3.4	4.1	4.0	4.0	2.9	46.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	1.4	0.5	0.2		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.4	Maximum	13.4
Duration (hrs)	0.0	Minimum	6.9
1st Day of Month to Date (mm)	16.6	Grass Minimum	5.5
		Total Sunshine	2.1

COMMENTS :-

Maximum Pressure -	1017.0
Minimum Pressure -	1010.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Tuesday 10th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1010.6	1010.9	1013.6	1017.2	1020.7	1022.8	1025.1	1027.8	1030.6	1019.9
Wind Speed	12.0	12.8	9.5	9.0	8.3	8.6	5.0	3.2	2.3	7.9
Wind Direction	290	300	310	320	320	330	340	0	50	
Highest Gust		34.9	30.0	26.0	21.9	22.7	21.9	13.8	9.7	
in interval		158	447	803	1230	1300	1639	1957	25	
		WNW	NW	NW	NW	NNW	NNW	N	NE	
Dry-bulb Temperature	7.7	7.1	7.2	8.2	9.6	10.5	8.9	7.9	7.0	8.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.2	0.0	0.0	0.0	0.0	trace	0.0	
Duration of Rain (hrs)		3.2	1.3	0.0	0.0	0.0	0.0	1.3	0.0	
Visibility										
Relative humidity	18.8	100.0	100.0	60.2	3.8	4.0	3.3	100.0	3.4	43.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.4	3.0	1.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	11.2
Duration (hrs)	0.0	Minimum	5.1
1st Day of Month to Date (mm)	16.6	Grass Minimum	0.0
		Total Sunshine	5.9

COMMENTS :-

Maximum Pressure -	1030.6
Minimum Pressure -	1010.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 11th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1030.5	1032.1	1033.6	1035.9	1036.5	1036.6	1036.7	1037.8	1037.4	1035.2
Wind Speed	2.5	3.0	2.7	4.3	4.7	5.0	4.0	3.3	2.8	3.6
Wind Direction	40	40	10	20	350	320	310	300	270	
Highest Gust		13.0	10.5	14.6	13.8	16.2	14.6	12.2	8.9	
in interval		300	409	943	1103	1348	1634	1907	2240	
		NE	N	NNE	N	NW	NW	WNW	W	
Dry-bulb Temperature	6.9	5.8	5.7	7.7	9.5	10.6	8.9	5.8	5.3	7.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	3.1	4.0	4.0	4.1	4.1	4.2	4.1	2.8	6.6	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	1.9	2.2	3.0	0.5		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	10.6
Duration (hrs)	0.0	Minimum	4.9
1st Day of Month to Date (mm)	16.6	Grass Minimum	0.1
		Total Sunshine	7.8

COMMENTS :-

Maximum Pressure -	1038.1
Minimum Pressure -	1030.3
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Thursday 12th April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1037.4	1035.9	1035.4	1035.9	1036.0	1035.4	1035.2	1036.3	1036.9	1036.0
Wind Speed	2.5	0.0	2.4	2.1	2.5	2.6	1.5	5.7	6.5	2.9
Wind Direction	270	0	160	130	330	350	20	110	130	
Highest Gust		4.9	5.7	5.7	7.3	8.1	6.5	16.2	18.7	
in interval		52	623	934	1235	1453	1603	2037	44	
		N	SSE	SE	NNW	N	NNE	ESE	SE	
Dry-bulb Temperature	5.4	5.4	5.2	7.2	8.9	8.7	8.4	7.7	6.5	7.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	trace	trace	trace	0.0	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.3	1.0	1.7	0.0	0.2	
Visibility										
Relative humidity	2.5	3.3	3.8	4.1	4.2	4.2	4.1	4.1	4.0	3.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	10.1
Duration (hrs)	0.0	Minimum	0.0
1st Day of Month to Date (mm)	16.6	Grass Minimum	3.3
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure - 1037.4

Minimum Pressure - 1035.1

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 13th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1037.0	1037.5	1038.0	1038.2	1038.7	1037.6	1036.9	1036.9	1036.4	1037.5
Wind Speed	5.1	4.8	5.6	6.1	4.0	4.2	4.6	4.3	1.2	4.4
Wind Direction	120	130	140	140	120	170	160	180	240	
Highest Gust		17.0	16.2	16.2	16.2	14.6	13.0	13.0	10.5	
in interval		208	416	717	1015	1356	1615	1934	2209	
		SE	SE	SE	ESE	S	SSE	S	WSW	
Dry-bulb Temperature	6.4	5.2	4.3	5.4	7.9	8.4	7.8	6.8	7.1	6.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	4.0	4.0	4.1	4.2	4.2	4.2	4.2	4.1	4.0	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.2	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	8.8
Duration (hrs)	0.0	Minimum	5.4
1st Day of Month to Date (mm)	16.6	Grass Minimum	3.6
		Total Sunshine	0.2

COMMENTS :-

Maximum Pressure - 1039.2

Minimum Pressure - 1035.8

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 14th April 2001**

Hours	0	3	6	9	12	15	18	21	24	
Interval	-	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1036.0	1034.2	1031.8	1029.5	1027.7	1024.4	1022.0	1020.9	1019.8	1027.4
Wind Speed	1.4	0.2	3.0	9.7	11.2	13.1	12.1	10.3	9.9	7.9
Wind Direction	250	180	260	290	290	280	290	300	300	
Highest Gust		4.1	8.1	24.3	28.4	31.6	33.3	30.8	28.4	
in interval		51	643	948	1150	1519	1720	1910	2229	
		S	W	WNW	WNW	W	WNW	WNW	WNW	
Dry-bulb Temperature	7.1	7.1	7.8	8.8	10.8	9.3	9.3	8.6	7.9	8.5
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	trace	0.2	0.8	1.0	trace	
Duration of Rain (hrs)		0.0	0.0	2.8	0.5	1.0	3.0	3.0	1.3	
Visibility										
Relative humidity	4.0	3.9	3.8	100.0	3.8	100.0	100.0	100.0	100.0	57.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.0	Maximum	11.0
Duration (hrs)	0.0	Minimum	0.1
1st Day of Month to Date (mm)	18.6	Grass Minimum	6.1
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1036.0
Minimum Pressure -	1019.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 15th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1019.7	1017.4	1016.6	1016.2	1015.8	1016.1	1017.5	1019.8	1020.3	1017.7
Wind Speed	9.6	10.9	9.9	11.4	12.3	10.7	9.7	8.8	6.7	10.0
Wind Direction	310	300	310	310	310	310	320	340	350	
Highest Gust		29.2	29.2	30.0	32.4	33.3	30.0	28.4	21.9	
in interval		212	408	959	1127	1351	1621	1919	2202	
		WNW	NW	NW	NW	NW	NW	NNW	N	
Dry-bulb Temperature	7.9	7.6	7.3	7.9	9.7	9.7	8.2	7.3	6.9	8.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	trace	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		3.0	2.2	1.2	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	3.3	3.9	4.0	4.0	4.0	3.9	35.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.2	2.4	1.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)	
Amount (mm)	0.0
Duration (hrs)	0.0
1st Day of Month to Date (mm)	18.6

TEMPERATURES (09 NEXT DAY)	
Maximum	10.4
Minimum	5.9
Grass Minimum	3.3
Total Sunshine	5.1

COMMENTS :-

Maximum Pressure -	1020.4
Minimum Pressure -	1015.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Monday 16th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1020.4	1022.1	1023.8	1026.3	1027.7	1029.0	1029.1	1030.5	1029.6	1026.5
Wind Speed	7.4	5.1	4.4	3.0	7.5	7.8	5.7	4.4	3.3	5.4
Wind Direction	340	350	30	40	340	330	350	350	300	
Highest Gust		18.7	13.0	13.8	17.8	21.1	18.7	13.0	12.2	
in interval		55	408	915	1215	1419	1601	1910	2200	
		N	NNE	NE	NNW	NNW	N	N	WNW	
Dry-bulb Temperature	6.9	6.5	6.2	7.0	8.7	8.5	7.5	6.1	5.0	6.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	3.9	3.8	4.1	4.3	4.3	4.3	4.3	4.3	3.8	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.5	2.9	3.0	0.7		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	9.1
Duration (hrs)	0.0	Minimum	4.2
1st Day of Month to Date (mm)	18.6	Grass Minimum	0.1
		Total Sunshine	8.1

COMMENTS :-

Maximum Pressure -	1030.5
Minimum Pressure -	1020.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Tuesday 17th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1029.5	1027.8	1026.1	1024.3	1021.0	1017.1	1013.6	1012.9	1015.4	1020.9
Wind Speed	3.3	6.3	7.0	9.2	12.2	11.1	11.2	10.0	3.7	8.2
Wind Direction	290	310	300	300	290	280	300	320	40	
Highest Gust		15.4	18.7	26.0	29.2	30.8	31.6	30.0	32.4	
in interval		313	643	927	1126	1321	1748	1900	2202	
		NW	WNW	WNW	WNW	W	WNW	NW	NE	
Dry-bulb Temperature	5.0	5.5	5.9	6.8	7.8	7.7	8.4	7.4	4.7	6.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	0.0	trace	trace	0.2	trace	
Duration of Rain (hrs)		0.0	0.0	1.3	0.0	0.7	3.0	2.3	0.5	
Visibility										
Relative humidity	3.8	3.8	4.2	3.8	3.8	61.8	100.0	100.0	3.3	31.6
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.2	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	8.7
Duration (hrs)	0.0	Minimum	1.7
1st Day of Month to Date (mm)	18.8	Grass Minimum	-0.9
		Total Sunshine	0.2

COMMENTS :-

Maximum Pressure -	1029.5
Minimum Pressure -	1012.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Wednesday 18th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1015.5	1016.9	1018.2	1018.7	1018.6	1018.0	1017.3	1018.3	1018.5	1017.8
Wind Speed	5.1	5.6	5.4	7.3	7.3	9.7	8.2	4.8	4.9	6.5
Wind Direction	40	30	30	350	340	330	330	360	10	
Highest Gust		17.8	18.7	21.1	21.1	22.7	22.7	19.5	18.7	
in interval		56	640	822	1017	1520	1700	1921	2216	
		NNE	NNE	N	NNW	NNW	NNW	N	N	
Dry-bulb Temperature	4.7	2.4	2.7	4.3	6.7	7.3	6.5	4.6	5.1	4.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	3.5	4.0	4.2	4.3	4.3	4.3	4.3	4.2	4.3	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.5	2.2	3.0	3.0	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	7.8
Duration (hrs)	0.0	Minimum	4.2
1st Day of Month to Date (mm)	18.8	Grass Minimum	0.7
		Total Sunshine	9.6

COMMENTS :-

Maximum Pressure -	1019.3
Minimum Pressure -	1015.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 19th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1018.4	1018.2	1018.7	1018.8	1018.7	1017.5	1018.0	1019.0	1019.4	1018.5
Wind Speed	6.0	7.1	7.8	9.5	9.3	10.6	7.1	3.9	4.3	7.3
Wind Direction	0	0	350	350	340	320	50	20	10	
Highest Gust		23.5	21.9	26.0	24.3	26.0	28.4	20.3	13.0	
in interval		320	457	931	1002	1523	1748	1936	32	
		N	N	N	NNW	NW	NE	NNE	N	
Dry-bulb Temperature	5.1	4.6	4.6	6.5	8.0	9.0	6.5	5.8	4.7	6.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	trace	trace	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	
Visibility										
Relative humidity	4.3	4.3	4.2	4.3	4.3	4.3	4.2	4.1	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	2.0	3.0	3.0	2.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	9.2
Duration (hrs)	0.0	Minimum	3.6
1st Day of Month to Date (mm)	18.8	Grass Minimum	0.1
		Total Sunshine	10.5

COMMENTS :-

Maximum Pressure -	1020.2
Minimum Pressure -	1017.0
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Friday 20th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1019.4	1019.9	1020.9	1022.2	1022.5	1022.2	1022.2	1023.2	1023.2	1021.7
Wind Speed	4.3	4.8	5.9	5.8	7.5	8.2	6.5	1.4	2.3	5.2
Wind Direction	10	30	20	360	330	330	340	40	100	
Highest Gust		17.8	16.2	19.5	20.3	23.5	21.9	20.3	8.9	
in interval		257	654	825	1228	1536	1813	1929	2336	
		NNE	NNE	N	NNW	NNW	NNW	NE	E	
Dry-bulb Temperature	4.6	4.1	4.1	6.6	7.9	7.7	7.1	6.7	4.8	6.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	4.1	4.1	3.9	4.3	4.3	4.3	4.2	4.1	4.3	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	2.4	1.7	1.2	2.2	1.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	8.9
Duration (hrs)	0.0	Minimum	3.4
1st Day of Month to Date (mm)	18.8	Grass Minimum	-3.0
		Total Sunshine	8.5

COMMENTS :-

Maximum Pressure -	1023.3
Minimum Pressure -	1019.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 21st April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1023.1	1022.0	1021.5	1020.5	1018.7	1015.3	1013.6	1011.9	1010.5	1017.5
Wind Speed	2.0	3.6	4.3	3.0	2.1	3.6	7.0	3.7	4.1	3.7
Wind Direction	110	190	180	190	150	190	280	230	160	
Highest Gust		7.3	10.5	10.5	9.7	12.2	16.2	18.7	10.5	
in interval		309	534	805	1202	1506	1843	1909	2322	
		S	S	S	SSE	S	W	SW	SSE	
Dry-bulb Temperature	4.7	4.5	3.8	8.2	10.7	12.0	9.2	7.0	5.8	7.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	trace	0.2	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.8	
Visibility										
Relative humidity	4.3	4.2	4.2	4.3	4.3	4.4	4.3	3.7	68.2	11.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	1.7	2.4	1.5	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.4	Maximum	12.5
Duration (hrs)	0.0	Minimum	0.0
1st Day of Month to Date (mm)	21.2	Grass Minimum	3.4
		Total Sunshine	6.1

COMMENTS :-

Maximum Pressure - 1023.2

Minimum Pressure - 1010.5

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Sunday 22nd April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1010.1	1007.2	1004.8	1003.7	1002.5	1000.8	999.7	999.2	999.1	1003.0
Wind Speed	3.9	6.4	5.4	6.4	6.6	7.0	7.3	6.1	3.4	5.8
Wind Direction	160	180	160	150	160	160	150	150	110	
Highest Gust		17.0	17.8	20.3	21.1	21.1	22.7	22.7	19.5	
in interval		309	506	908	1044	1505	1724	2024	2205	
		S	SSE	SSE	SSE	SSE	SSE	SSE	ESE	
Dry-bulb Temperature	5.7	4.9	4.6	5.5	6.5	6.1	5.2	4.9	4.6	5.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	1.2	0.8	0.6	0.6	1.0	trace	0.4	
Duration of Rain (hrs)		3.2	3.0	3.0	3.0	3.0	3.0	3.0	2.8	
Visibility										
Relative humidity	73.4	31.1	100.0	100.0	41.2	71.8	100.0	66.2	100.0	76.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.0	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.8	Maximum	7.0
Duration (hrs)	0.0	Minimum	4.5
1st Day of Month to Date (mm)	24.0	Grass Minimum	2.6
		Total Sunshine	0.4

COMMENTS :-

Maximum Pressure -	1010.1
Minimum Pressure -	998.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 23rd April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	998.8	999.1	1000.3	1002.7	1004.4	1004.8	1004.6	1005.2	1005.0	1002.8
Wind Speed	2.9	1.5	3.3	3.6	5.2	3.6	1.5	3.9	4.2	3.3
Wind Direction	110	210	260	270	300	310	30	100	120	
Highest Gust		7.3	7.3	11.4	17.0	13.8	12.2	8.1	10.5	
in interval		52	646	907	1032	1350	1634	2105	22	
		SSW	W	W	WNW	NW	NNE	E	ESE	
Dry-bulb Temperature	4.6	5.1	5.1	6.6	7.9	11.3	9.8	7.8	7.0	7.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.2	trace	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		2.0	0.5	3.0	1.8	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	24.4	3.6	4.2	4.3	4.3	4.0	38.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	2.7	3.0	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	11.3
Duration (hrs)	0.0	Minimum	0.0
1st Day of Month to Date (mm)	24.0	Grass Minimum	1.2
		Total Sunshine	6.6

COMMENTS :-

Maximum Pressure -	1005.5
Minimum Pressure -	998.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Tuesday 24th April 2001

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1004.8	1003.9	1002.6	1002.0	1000.0	998.0	996.4	997.6	998.8	1000.5
Wind Speed	4.4	5.7	5.3	5.3	6.2	6.0	4.2	4.0	3.8	5.0
Wind Direction	120	140	130	140	120	120	120	170	180	
Highest Gust		12.2	15.4	17.8	20.3	25.1	22.7	13.0	11.4	
in interval		327	623	853	1018	1346	1636	1902	4	
		SE	SE	SE	ESE	ESE	ESE	S	S	
Dry-bulb Temperature	6.9	5.7	5.7	6.9	9.3	8.4	7.6	7.9	7.8	7.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	0.2	0.4	0.2	0.2	0.2	
Duration of Rain (hrs)		0.0	0.0	1.3	1.2	2.7	3.0	3.0	2.8	
Visibility										
Relative humidity	4.0	3.9	37.3	85.1	4.0	3.3	100.0	100.0	89.5	47.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.0	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.2	Maximum	11.4
Duration (hrs)	0.0	Minimum	0.0
1st Day of Month to Date (mm)	25.2	Grass Minimum	2.5
		Total Sunshine	0.4

COMMENTS :-

Maximum Pressure -	1005.1
Minimum Pressure -	996.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 25th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	998.7	999.4	1000.5	1001.5	1002.2	1003.4	1005.6	1007.9	1008.9	1003.1
Wind Speed	4.2	5.6	5.0	5.5	2.7	3.9	2.4	0.0	3.5	3.6
Wind Direction	200	190	170	160	320	340	360	0	280	
Highest Gust		17.8	14.6	16.2	15.4	12.2	10.5	7.3	11.4	
in interval		143	453	911	1012	1304	1606	1814	2341	
		S	S	SSE	NW	NNW	N	N	W	
Dry-bulb Temperature	7.8	7.8	6.5	11.4	10.4	11.7	11.1	8.0	7.8	9.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.0	0.0	trace	trace	0.0	0.0	0.8	
Duration of Rain (hrs)		0.8	0.0	0.0	0.2	1.0	0.0	0.0	1.0	
Visibility										
Relative humidity	52.6	3.5	2.4	4.0	4.1	4.3	4.1	3.0	100.0	19.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	1.5	1.5	0.5	1.9	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.0	Maximum	14.0
Duration (hrs)	0.0	Minimum	1.9
1st Day of Month to Date (mm)	26.2	Grass Minimum	0.8
		Total Sunshine	6.3

COMMENTS :-

Maximum Pressure -	1009.0
Minimum Pressure -	998.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 26th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1009.0	1009.9	1011.2	1012.5	1013.8	1014.8	1016.0	1016.8	1016.8	1013.4
Wind Speed	2.6	4.4	6.1	8.5	8.7	9.1	5.5	2.0	2.0	5.4
Wind Direction	270	300	290	290	300	300	300	300	330	
Highest Gust		13.8	16.2	21.9	26.0	26.0	20.3	14.6	7.3	
in interval		232	343	811	1137	1245	1544	1816	2113	
		WNW	WNW	WNW	WNW	WNW	WNW	WNW	NNW	
Dry-bulb Temperature	7.7	7.6	7.3	8.2	8.4	10.2	9.8	7.3	7.0	8.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	trace	trace	0.0	trace	0.0	0.0	0.0	
Duration of Rain (hrs)		3.0	2.3	1.5	0.0	0.5	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	33.6	3.8	4.1	4.1	3.1	62.8	45.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.5	1.2	3.0	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	11.1
Duration (hrs)	0.0	Minimum	5.6
1st Day of Month to Date (mm)	26.2	Grass Minimum	0.2
		Total Sunshine	5.6

COMMENTS :-

Maximum Pressure -	1017.5
Minimum Pressure -	1008.9
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 27th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1016.9	1016.1	1014.8	1014.9	1013.3	1011.9	1009.7	1007.3	1005.1	1012.2
Wind Speed	2.4	1.2	5.9	2.6	4.1	4.7	3.9	5.1	5.8	4.0
Wind Direction	330	200	160	270	320	240	250	190	280	
Highest Gust		5.7	13.8	13.0	12.2	19.5	21.9	14.6	17.0	
in interval		50	549	600	1012	1443	1557	1839	2339	
		SSW	SSE	W	NW	WSW	WSW	S	W	
Dry-bulb Temperature	7.1	6.2	5.8	11.1	13.3	11.7	10.9	8.7	8.7	9.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	trace	0.0	0.6	0.4	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.8	0.0	2.3	2.3	
Visibility										
Relative humidity	81.5	100.0	4.0	4.2	4.3	4.3	4.3	6.3	100.0	34.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.7	0.9	0.2	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.0	Maximum	13.4
Duration (hrs)	0.0	Minimum	6.9
1st Day of Month to Date (mm)	27.2	Grass Minimum	4.6
		Total Sunshine	1.8

COMMENTS :-

Maximum Pressure -	1016.9
Minimum Pressure -	1005.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 28th April 2001**

Hours	0	3	6	9	12	15	18	21	24	
Interval	-	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1005.1	1004.3	1004.7	1004.4	1003.7	1002.1	1002.1	1001.9	1001.4	1003.3
Wind Speed	7.3	7.0	7.4	7.1	6.1	4.3	7.8	3.9	3.1	6.0
Wind Direction	280	300	300	300	300	260	300	230	180	
Highest Gust		23.5	26.0	24.3	21.1	27.6	29.2	18.7	15.4	
in interval		55	451	820	918	1408	1513	1800	2227	
		WNW	WNW	WNW	WNW	W	WNW	SW	S	
Dry-bulb Temperature	8.7	7.6	7.1	8.6	9.5	8.4	6.7	6.6	5.2	7.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	trace	trace	trace	trace	0.2	
Duration of Rain (hrs)		2.2	1.3	0.0	0.2	0.3	0.8	0.3	2.5	
Visibility										
Relative humidity	100.0	100.0	2.2	4.0	4.2	4.1	4.0	4.1	6.0	25.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	1.5	1.4	0.2	0.7	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	11.2
Duration (hrs)	0.0	Minimum	4.1
1st Day of Month to Date (mm)	27.4	Grass Minimum	1.5
		Total Sunshine	4.7

COMMENTS :-

Maximum Pressure -	1005.3
Minimum Pressure -	1001.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Sunday 29th April 2001

Hours	0	3	6	9	12	15	18	21	24	
Interval	-	0-3	3-6	6-9	9-12	12-15	15-18	18-21	21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1001.4	999.7	999.5	1001.0	1003.8	1005.6	1006.8	1009.6	1011.0	1004.3
Wind Speed	3.1	5.0	4.3	6.8	8.0	6.0	4.3	3.0	2.0	4.7
Wind Direction	170	180	190	280	300	310	320	310	290	
Highest Gust		14.6	10.5	21.1	22.7	23.5	17.0	12.2	10.5	
in interval		128	320	853	1109	1216	1701	1813	2102	
		S	S	W	WNW	NW	NW	NW	WNW	
Dry-bulb Temperature	5.1	4.4	4.4	6.5	6.3	8.4	8.0	5.3	5.8	6.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	0.0	trace	0.0	0.0	0.0	
Duration of Rain (hrs)		2.3	0.5	0.0	0.0	0.5	0.0	0.0	0.0	
Visibility										
Relative humidity	33.3	31.6	58.0	3.8	4.0	4.2	4.2	4.0	3.9	16.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	1.0	2.5	3.0	0.7		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	9.2
Duration (hrs)	3.7	Minimum	4.9
1st Day of Month to Date (mm)	27.4	Grass Minimum	0.4
		Total Sunshine	7.6

COMMENTS :-

Maximum Pressure -	1011.0
Minimum Pressure -	999.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 30th April 2001**

Hours Interval	0 -	3 0-3	6 3-6	9 6-9	12 9-12	15 12-15	18 15-18	21 18-21	24 21-24	MEAN
Barometer Reading										
Corrected Reading mb to MSL	1011.3	1011.9	1014.3	1016.2	1018.0	1019.4	1021.0	1023.4	1024.5	1017.8
Wind Speed	2.6	2.3	2.1	5.3	7.6	6.7	6.3	3.8	2.0	4.3
Wind Direction	310	250	260	340	330	350	330	340	40	
Highest Gust		9.7	8.9	15.4	17.8	20.3	18.7	14.6	11.4	
in interval		3	416	750	1029	1444	1627	1805	2214	
		WSW	W	NNW	NNW	N	NNW	NNW	NE	
Dry-bulb Temperature	5.8	5.3	5.1	8.1	10.0	10.6	9.9	8.2	7.7	7.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	0.2	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	3.9	3.8	2.5	4.0	4.1	4.2	4.2	3.8	3.0	3.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	2.5	3.0	3.0	1.2		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	11.8
Duration (hrs)	0.0	Minimum	6.1
1st Day of Month to Date (mm)	27.4	Grass Minimum	-0.8
		Total Sunshine	9.9

COMMENTS :-

Maximum Pressure -	1024.5
Minimum Pressure -	1011.3
Program run by	KTF