PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Thursday 1st March 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	1005.0	1004.9	1004.3	1004.9	1004.8	1003.8	1004.9	1005.5	1006.1	1004.9
Wind Speed	3.4	2.4	1.5	1.2	2.9	3.5	1.8	3.0	2.7	2.5
Wind Direction	40	50	40	50	340	330	50	120	130	
Highest Gust		9.7	8.9	6.5	7.3	9.7	11.4	8.1	7.3	
in interval		2351	343	714	1115	1217	1543	1910	2102	
		NE	NE	NE	NNW	NNW	NE	ESE	SE	
Dry-bulb Temperature	-0.6	-1.0	-1.6	0.1	1.9	2.7	0.9	0.1	-0.8	0.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	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	3.9	3.9	4.1	4.2	4.2	4.2	4.1	4.0	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.7	2.2	1.2	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)	0.0

TEMPERATURES (09 NEXT DAY)	
Maximum	3.1
Minimum	-2.5
Grass Minimum	-4.7
Total Sunshine	6.1

COMMENTS :-

Maximum Pressure - 1006.1

Minimum Pressure - 1003.8

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Friday 2nd March 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	1006.1	1006.0	1005.6	1006.0	1004.8	1002.7	1002.1	1002.0	1002.1	1004.2
Wind Speed	2.7	3.0	3.4	3.1	2.9	4.7	4.6	3.0	3.5	3.4
Wind Direction	130	120	110	110	120	120	100	110	90	
Highest Gust		7.3	9.7	8.9	12.2	14.6	16.2	15.4	8.1	
in interval		128	538	634	1019	1444	1714	1840	2122	
		ESE	ESE	ESE	ESE	ESE	E	ESE	E	
Dry-bulb Temperature	-0.9	-1.6	-2.0	-0.6	1.8	2.8	1.8	-0.1	-1.5	0.0
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	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.1	4.0	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.5	1.5	2.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	3.3
Duration (hrs)	0.0	Minimum	-3.4
1st Day of Month to Date (mm)	0.0	Grass Minimum	-7.2
		Total Sunshine	6.0

COMMENTS :-

Maximum Pressure - 1006.4

Minimum Pressure - 1001.5

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Saturday 3rd March 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	1002.1	1001.4	1001.5	1001.5	1001.0	999.8	999.3	999.2	999.2	1000.6
Wind Speed	3.2	2.6	2.2	2.6	5.3	5.7	4.3	3.0	3.5	3.6
Wind Direction	100	110	110	150	170	190	160	130	120	
Highest Gust		7.3	8.1	9.7	14.6	18.7	14.6	12.2	10.5	
in interval		212	306	839	1111	1202	1506	1934	2340	
		ESE	ESE	SSE	S	S	SSE	SE	ESE	
Dry-bulb Temperature	-1.5	-2.1	-3.0	-1.3	2.0	3.5	1.8	0.1	-0.7	-0.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	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	4.1	4.0	4.1	4.2	4.3	4.2	4.2	4.2	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.9	3.0	2.4	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)	0.0

TEMPERATURES (09 NEXT DAY)	
Maximum	4.0
Minimum	-2.6
Grass Minimum	-6.9
Total Sunshine	8.3

COMMENTS :-

Maximum Pressure -	1002.2
Minimum Pressure -	998.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Sunday 4th March 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	999.0	999.1	998.7	1000.3	1001.0	1002.1	1005.0	1006.7	1009.5	1002.4
Wind Speed	3.3	2.1	3.6	2.8	5.5	2.1	3.1	6.3	6.3	3.9
Wind Direction	110	120	130	120	170	160	180	180	170	
Highest Gust		12.2	10.5	8.9	16.2	13.0	8.1	15.4	16.2	
in interval		36	548	828	1118	1212	1507	2042	2237	
		ESE	SE	ESE	S	SSE	S	S	S	
Dry-bulb Temperature	-0.7	-1.5	-2.1	-0.5	1.9	3.1	2.3	0.8	0.0	0.4
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	4.2	4.1	4.1	4.2	4.2	4.3	4.2	4.2	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.9	3.0	2.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	4.6
Duration (hrs)	0.0	Minimum	-2.6
1st Day of Month to Date (mm)	0.0	Grass Minimum	-5.0
		Total Sunshine	8.3

COMMENTS :-

Maximum Pressure - 1009.5

Minimum Pressure - 998.6

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 5th March 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	1009.5	1012.3	1014.6	1017.5	1019.3	1019.5	1019.9	1020.7	1019.7	1017.0
Wind Speed	5.7	5.7	5.8	3.5	4.2	4.6	5.4	4.6	4.3	4.9
Wind Direction	170	180	170	130	130	150	170	140	130	
Highest Gust		13.0	13.8	13.0	12.2	13.8	17.0	14.6	13.0	
in interval		2350	536	730	1153	1221	1526	1848	2208	
		S	S	SE	SE	SSE	S	SE	SE	
Dry-bulb Temperature	-0.2	-1.2	-1.4	0.9	5.5	7.2	4.6	2.4	0.9	2.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	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	4.2	4.1	4.2	4.2	4.3	4.3	4.3	4.2	4.1	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	3.0	3.0	2.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	7.7
Duration (hrs)	0.0	Minimum	0.7
1st Day of Month to Date (mm)	0.0	Grass Minimum	-2.1
		Total Sunshine	8.6

COMMENTS :-

Maximum Pressure -	1021.0
Minimum Pressure -	1009.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Tuesday 6th March 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	1019.4	1018.6	1017.7	1016.2	1014.6	1008.8	1004.1	1002.1	999.4	1011.2
Wind Speed	4.6	6.3	7.0	9.7	9.3	9.7	11.4	10.6	10.9	8.8
Wind Direction	130	140	140	140	140	130	130	140	140	
Highest Gust		20.3	25.1	26.0	33.3	34.9	29.2	38.9	38.9	
in interval		153	436	758	928	1253	1738	1859	2107	
		SE	SE	SE	SE	SE	SE	SE	SE	
Dry-bulb Temperature	0.9	0.9	2.5	2.1	6.5	9.4	9.1	6.2	6.3	4.9
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	0.4	0.6	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.7	
Visibility										
Relative humidity	4.1	4.1	4.1	4.0	4.2	4.3	4.2	3.9	2.3	3.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.9	3.0	1.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.4	Maximum	10.4
Duration (hrs)	7.5	Minimum	2.0
1st Day of Month to Date (mm)	1.4	Grass Minimum	2.3
		Total Sunshine	5.9

COMMENTS :-

Maximum Pressure -	1019.8
Minimum Pressure -	999.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 7th March 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	999.4	998.3	998.1	1001.0	1003.2	1002.2	1001.8	1002.3	1002.1	1000.9
Wind Speed	9.9	6.3	6.2	1.6	6.2	3.6	3.2	4.5	5.4	5.2
Wind Direction	140	140	170	310	230	220	210	170	140	
Highest Gust		24.3	17.8	17.0	16.2	16.2	19.5	14.6	13.0	
in interval		59	323	632	1154	1333	1643	2019	2343	
		SE	S	NW	SW	SW	SSW	S	SE	
Dry-bulb Temperature	6.4	8.2	9.2	10.4	12.2	14.8	12.6	10.2	7.9	10.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	1.3	2.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	18.9	100.0	100.0	16.3	4.2	4.3	4.3	4.2	2.9	28.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.0	1.2	2.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	15.2
Duration (hrs)	0.0	Minimum	5.8
1st Day of Month to Date (mm)	1.4	Grass Minimum	2.6
		Total Sunshine	4.4

COMMENTS :-

Maximum Pressure - 1003.2

Minimum Pressure - 997.2

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Thursday 8th March 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	1002.1	1000.4	999.0	998.7	997.6	995.1	994.7	994.8	994.0	997.4
Wind Speed	5.3	4.8	5.0	5.0	5.8	6.1	5.3	4.6	5.6	5.3
Wind Direction	150	130	150	160	160	160	160	180	170	
Highest Gust		15.4	14.6	17.0	20.3	21.9	17.8	14.6	14.6	
in interval		131	320	849	1048	1243	1539	1805	2318	
		SE	SSE	SSE	SSE	SSE	SSE	S	S	
Dry-bulb Temperature	7.9	7.1	6.3	8.2	11.3	12.2	11.1	8.3	7.9	8.9
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	2.1	3.5	2.0	3.8	4.1	4.2	4.2	4.0	4.0	3.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.4	2.5	2.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	12.4
Duration (hrs)	4.0	Minimum	7.2
1st Day of Month to Date (mm)	1.6	Grass Minimum	3.5
		Total Sunshine	6.6

COMMENTS :-

Maximum Pressure - 1002.1

Minimum Pressure - 994.0

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Friday 9th March 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	994.0	993.3	994.0	995.3	996.3	996.2	996.4	995.6	995.0	995.1
Wind Speed	6.1	5.0	4.2	5.0	4.5	5.1	4.6	4.8	4.9	4.9
Wind Direction	170	220	250	260	280	260	240	160	160	
Highest Gust		13.8	11.4	13.8	14.6	13.8	17.0	13.8	14.6	
in interval		2352	325	654	1054	1211	1656	1810	2317	
		SW	WSW	W	W	W	WSW	SSE	SSE	
Dry-bulb Temperature	7.9	7.8	8.1	8.6	11.0	10.8	9.8	9.0	8.6	9.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.0	0.2	0.0	trace	trace	trace	0.0	
Duration of Rain (hrs)		2.3	0.0	1.7	0.0	0.2	0.2	2.0	0.0	
Visibility										
Relative humidity	4.0	3.8	3.9	3.4	4.2	4.2	4.2	3.9	3.9	3.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.4	0.2	0.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	11.1
Duration (hrs)	5.2	Minimum	8.2
1st Day of Month to Date (mm)	1.6	Grass Minimum	4.7
		Total Sunshine	1.3

COMMENTS :-

Maximum Pressure - 996.4

Minimum Pressure - 993.1

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 10th March 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	994.7	994.5	993.6	993.8	994.9	996.3	998.1	1000.2	1002.0	996.5
Wind Speed	4.5	1.6	3.8	3.5	2.3	4.6	5.1	5.1	4.3	3.9
Wind Direction	160	220	140	150	290	260	250	250	250	
Highest Gust		14.6	10.5	10.5	14.6	18.7	13.0	14.6	17.0	
in interval		200	523	750	1016	1406	1603	1832	2157	
		SW	SE	SSE	WNW	W	WSW	WSW	WSW	
Dry-bulb Temperature	8.7	9.9	8.9	10.7	10.2	11.5	10.9	10.1	9.0	10.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	trace	0.6	trace	0.2	trace	trace	
Duration of Rain (hrs)		0.0	0.8	2.0	3.0	0.8	1.8	0.2	0.8	
Visibility										
Relative humidity	3.9	4.0	19.4	3.9	2.6	4.0	4.0	4.1	3.0	5.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	0.0	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.8	Maximum	11.5
Duration (hrs)	8.0	Minimum	8.2
1st Day of Month to Date (mm)	2.4	Grass Minimum	5.4
		Total Sunshine	0.2

COMMENTS :-

Maximum Pressure - 1002.0

Minimum Pressure - 993.0

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Sunday 11th March 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	1002.0	1002.1	1002.2	1002.4	1000.6	997.6	996.8	999.2	1000.6	1000.4
Wind Speed	4.4	3.0	2.1	2.5	4.7	4.2	9.9	11.4	7.3	5.5
Wind Direction	250	240	240	130	150	210	260	300	290	
Highest Gust		15.4	8.9	6.5	14.6	16.2	24.3	36.5	27.6	
in interval		23	319	848	1149	1225	1737	1922	2152	
		WSW	WSW	SE	SSE	SSW	W	WNW	WNW	
Dry-bulb Temperature	8.8	8.7	8.5	9.4	10.5	11.9	10.2	5.6	5.2	8.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.0	0.0	0.0	trace	trace	trace	trace	
Duration of Rain (hrs)		1.5	0.0	0.0	0.0	0.8	0.3	0.5	1.0	
Visibility										
Relative humidity	3.1	4.0	4.0	4.1	4.2	4.2	4.3	4.0	4.0	4.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	12.8
Duration (hrs)	3.0	Minimum	3.8
1st Day of Month to Date (mm)	2.4	Grass Minimum	-0.5
		Total Sunshine	0.5

COMMENTS :-

Maximum Pressure -	1002.6
Minimum Pressure -	996.3
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Monday 12th March 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	1000.5	1000.4	1000.3	1001.0	1000.4	998.7	997.8	996.6	994.7	998.9
Wind Speed	6.9	3.6	3.4	4.3	5.6	5.7	5.0	3.9	4.7	4.8
Wind Direction	290	260	260	270	250	300	260	210	160	
Highest Gust		19.5	12.2	14.6	14.6	15.4	14.6	13.8	13.0	
in interval		17	430	709	1156	1456	1741	1809	2342	
		W	W	W	WSW	WNW	W	SSW	SSE	
Dry-bulb Temperature	5.2	4.5	4.2	5.1	7.1	7.3	6.1	4.4	4.3	5.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	trace	trace	trace	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.3	0.2	0.5	1.7	0.0	0.0	
Visibility										
Relative humidity	4.0	4.1	4.2	4.2	4.3	4.3	4.2	4.2	4.1	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	2.2	0.5	1.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	8.3
Duration (hrs)	2.3	Minimum	2.1
1st Day of Month to Date (mm)	2.4	Grass Minimum	-2.7
		Total Sunshine	4.3

COMMENTS :-

Maximum Pressure - 1001.4

Minimum Pressure - 994.7

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Tuesday 13th March 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	994.7	993.6	995.3	999.2	1001.9	1003.2	1005.2	1006.3	1007.3	1000.7
Wind Speed	4.7	3.6	2.2	3.5	7.1	10.6	9.5	9.1	6.2	6.3
Wind Direction	150	110	100	310	310	300	300	300	290	
Highest Gust		13.0	8.9	8.1	19.5	27.6	25.1	24.3	24.3	
in interval		2350	301	849	1054	1421	1502	1849	2122	
		ESE	E	NW	NW	WNW	WNW	WNW	WNW	
Dry-bulb Temperature	4.2	3.2	2.6	3.4	6.3	7.5	6.3	5.9	5.1	4.9
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	4.1	3.8	3.8	3.9	4.1	4.2	4.1	4.2	4.1	4.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	1.0	3.0	2.9	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	7.9
Duration (hrs)	0.2	Minimum	3.2
1st Day of Month to Date (mm)	2.4	Grass Minimum	0.8
		Total Sunshine	7.3

COMMENTS :-

Maximum Pressure -	1007.3
Minimum Pressure -	993.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 14th March 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	1007.4	1007.7	1008.0	1009.0	1009.6	1008.6	1008.7	1009.6	1009.8	1008.7
Wind Speed	6.7	4.9	4.6	4.4	4.0	3.0	2.4	2.3	3.7	4.0
Wind Direction	290	290	290	290	300	330	350	290	300	
Highest Gust		16.2	16.2	13.8	17.0	13.0	10.5	6.5	8.1	
in interval		2351	537	705	1045	1221	1525	1809	2257	
		WNW	WNW	WNW	WNW	NNW	N	WNW	WNW	
Dry-bulb Temperature	5.1	5.0	5.7	6.3	7.6	8.1	6.1	4.2	3.8	5.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	4.1	3.8	3.8	4.0	4.2	4.2	4.1	3.8	3.1	3.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	0.2	2.7	2.9	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	9.0
Duration (hrs)	0.0	Minimum	3.2
1st Day of Month to Date (mm)	2.4	Grass Minimum	-2.2
		Total Sunshine	6.2

COMMENTS :-

Maximum Pressure - 1010.0

Minimum Pressure - 1007.2

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Thursday 15th March 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	1009.7	1009.5	1010.1	1010.8	1011.8	1010.8	1011.4	1011.8	1012.4	1010.9
Wind Speed	3.2	4.3	3.3	1.3	1.1	2.3	1.2	2.4	1.7	2.3
Wind Direction	300	280	290	250	340	360	20	100	130	
Highest Gust		8.9	9.7	7.3	4.9	7.3	8.1	7.3	8.9	
in interval		144	315	601	921	1447	1541	1843	2118	
		W	WNW	WSW	NNW	N	NNE	E	SE	
Dry-bulb Temperature	3.9	3.7	3.4	5.1	7.5	7.8	6.8	6.4	5.1	5.5
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	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	
Visibility										
Relative humidity	3.0	46.1	16.7	3.9	4.2	4.3	4.2	4.2	3.9	10.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.9	0.7	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.6	Maximum	7.9
Duration (hrs)	8.0	Minimum	3.7
1st Day of Month to Date (mm)	3.0	Grass Minimum	2.1
		Total Sunshine	1.6

COMMENTS :-

Maximum Pressure -	1012.5
Minimum Pressure -	1009.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 16th March 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	1012.4	1012.6	1013.4	1014.0	1013.8	1012.4	1011.8	1011.4	1010.1	1012.4
Wind Speed	1.9	3.5	6.3	7.8	7.4	8.7	7.7	10.4	8.4	6.9
Wind Direction	130	110	100	100	110	100	100	100	100	
Highest Gust		10.5	20.3	23.5	23.5	26.0	29.2	26.0	30.0	
in interval		235	505	826	1027	1209	1558	2017	2202	
		ESE	E	E	ESE	E	E	E	E	
Dry-bulb Temperature	5.1	4.6	3.9	4.2	5.3	5.8	5.8	4.6	3.9	4.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	0.4	trace	trace	trace	0.2	0.0	0.0	
Duration of Rain (hrs)		3.0	3.0	0.3	0.3	1.2	0.0	0.0	0.0	
Visibility										
Relative humidity	3.9	87.6	3.8	4.1	4.1	4.2	4.2	4.2	4.2	13.4
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)	0.2	Maximum	6.1
Duration (hrs)	1.5	Minimum	2.5
1st Day of Month to Date (mm)	3.2	Grass Minimum	2.0
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1014.2
Minimum Pressure -	1010.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 17th March 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	1010.1	1009.5	1008.9	1008.9	1008.8	1007.9	1008.3	1008.6	1008.6	1008.8
Wind Speed	8.9	6.3	8.0	6.3	5.7	5.8	3.4	7.0	4.7	6.2
Wind Direction	100	100	100	100	110	100	120	90	80	
Highest Gust		25.1	24.3	28.4	21.1	25.1	21.9	17.8	17.8	
in interval		39	435	742	1053	1236	1549	1954	2100	
		E	E	E	ESE	E	ESE	E	E	
Dry-bulb Temperature	3.9	3.7	3.4	2.8	4.6	5.1	4.0	4.0	3.0	3.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	trace	0.0	trace	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.2	0.0	1.2	0.0	0.0	
Visibility										
Relative humidity	4.2	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.2
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)	trace	Maximum	5.6
Duration (hrs)	1.3	Minimum	1.4
1st Day of Month to Date (mm)	3.2	Grass Minimum	-0.3
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1010.2
Minimum Pressure -	1007.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 18th March 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	1008.5	1009.1	1009.3	1009.6	1009.6	1012.0	1014.7	1015.9	1010.8
Wind Speed	4.0	4.0	4.3	7.2	8.8	5.3	4.1	2.9	2.1	4.7
Wind Direction	80	80	70	70	70	70	40	50	40	
Highest Gust		16.2	15.4	21.1	21.9	22.7	23.5	19.5	9.7	
in interval		128	329	842	1016	1212	1604	1807	2145	
		E	ENE	ENE	ENE	ENE	NE	NE	NE	
Dry-bulb Temperature	2.9	2.1	1.6	1.8	4.8	4.9	4.1	1.7	0.8	2.7
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	trace	trace	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	
Visibility										
Relative humidity	4.2	4.2	4.1	4.2	4.2	4.3	4.2	4.2	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.7	0.2	2.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	6.0
Duration (hrs)	0.3	Minimum	-0.6
1st Day of Month to Date (mm)	3.2	Grass Minimum	-6.6
		Total Sunshine	3.1

COMMENTS :-

Maximum Pressure - 1015.9

Minimum Pressure - 1007.9

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Monday 19th March 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	1016.1	1017.6	1019.4	1020.6	1021.0	1021.0	1021.0	1021.1	1020.4	1019.8
Wind Speed	2.2	1.9	2.6	3.0	4.6	4.6	4.2	4.3	5.5	3.7
Wind Direction	40	30	80	90	120	120	140	110	120	
Highest Gust		5.7	7.3	7.3	13.0	15.4	14.6	13.0	16.2	
in interval		138	458	857	1110	1334	1556	1802	2219	
		NNE	E	E	ESE	ESE	SE	ESE	ESE	
Dry-bulb Temperature	0.7	0.4	-0.4	2.6	4.4	6.0	5.2	3.5	2.6	2.8
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	4.2	4.2	4.1	4.2	4.3	4.3	4.3	4.2	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	3.0	1.7	1.9	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	6.3
Duration (hrs)	0.0	Minimum	0.9
1st Day of Month to Date (mm)	3.2	Grass Minimum	-1.5
		Total Sunshine	6.8

COMMENTS :-

Maximum Pressure -	1021.4
Minimum Pressure -	1016.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Tuesday 20th March 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	1020.5	1019.1	1018.0	1016.7	1015.3	1013.1	1011.6	1011.2	1008.4	1014.9
Wind Speed	5.2	5.5	5.2	7.4	9.1	9.0	7.5	8.5	9.3	7.4
Wind Direction	120	110	110	100	100	110	110	110	120	
Highest Gust		19.5	17.8	23.5	29.2	32.4	33.3	30.0	30.0	
in interval		10	530	808	1111	1350	1558	1829	2218	
		ESE	ESE	E	E	ESE	ESE	ESE	ESE	
Dry-bulb Temperature	2.6	1.7	1.2	2.9	5.2	6.4	5.2	3.8	3.0	3.6
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	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.2	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	1.4	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.0	Maximum	6.7
Duration (hrs)	4.2	Minimum	0.6
1st Day of Month to Date (mm)	4.2	Grass Minimum	0.2
		Total Sunshine	1.9

COMMENTS :-

Maximum Pressure -	1021.1
Minimum Pressure -	1008.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 21st March 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	1007.4	1003.0	1000.3	999.8	999.2	998.0	995.9	995.1	994.1	999.2
Wind Speed	10.3	9.2	10.6	7.5	8.5	9.0	8.7	7.1	5.8	8.5
Wind Direction	110	110	110	120	110	130	130	130	140	
Highest Gust		34.9	32.4	26.0	23.5	31.6	26.8	30.0	23.5	
in interval		50	329	611	920	1441	1728	1933	2125	
		ESE	ESE	ESE	ESE	SE	SE	SE	SE	
Dry-bulb Temperature	3.2	3.3	2.3	0.7	1.9	1.8	2.1	2.2	2.5	2.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	1.0	0.4	trace	0.2	0.2	trace	
Duration of Rain (hrs)		0.0	1.2	3.0	2.8	1.0	2.8	2.7	0.7	
Visibility										
Relative humidity	4.2	4.2	4.2	100.0	7.5	3.8	4.0	3.8	2.6	14.9
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	3.3
Duration (hrs)	17.3	Minimum	0.6
1st Day of Month to Date (mm)	6.2	Grass Minimum	0.5
		Total Sunshine	0.0

COMMENTS :-

Precipitation falling as snow. Snow melted on contact with the ground.

Maximum Pressure -	1007.4
Minimum Pressure -	994.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Thursday 22nd March 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	994.1	994.1	995.2	997.3	999.3	1001.9	1002.2	1002.7	1002.0	998.8
Wind Speed	5.7	6.1	8.2	7.6	5.1	0.7	1.7	3.3	3.7	4.7
Wind Direction	140	150	140	150	150	290	90	90	140	
Highest Gust		20.3	20.3	21.1	18.7	13.0	5.7	7.3	8.9	
in interval		124	523	652	919	1200	1716	2019	2342	
		SSE	SE	SSE	SSE	WNW	E	E	SE	
Dry-bulb Temperature	2.4	2.7	2.7	3.3	6.1	7.8	7.7	7.1	6.8	5.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	0.6	0.2	trace	0.0	0.0	trace	trace	
Duration of Rain (hrs)		1.8	3.0	2.5	0.8	0.0	0.0	0.8	2.8	
Visibility										
Relative humidity	2.1	2.6	100.0	100.0	3.4	3.9	4.0	24.1	100.0	37.8
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)	0.2	Maximum	8.7
Duration (hrs)	4.8	Minimum	3.2
1st Day of Month to Date (mm)	6.6	Grass Minimum	3.4
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure - 1003.2

Minimum Pressure - 993.6

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Friday 23rd March 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	1001.8	999.8	998.1	998.3	999.2	1000.0	1001.7	1003.7	1004.4	1000.8
Wind Speed	3.3	4.4	5.3	3.6	2.8	2.1	3.0	1.6	0.0	2.9
Wind Direction	150	140	140	150	120	90	90	150	90	
Highest Gust		10.5	11.4	12.2	8.9	9.7	9.7	7.3	7.3	
in interval		59	510	710	1111	1400	1651	1805	2229	
		SE	SE	SSE	ESE	E	E	SSE	E	
Dry-bulb Temperature	6.8	6.8	6.7	8.7	10.6	11.9	10.7	9.1	7.8	8.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	4.0	4.1	4.1	4.0	3.8	46.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.7	1.9	1.2	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	12.4
Duration (hrs)	0.0	Minimum	6.7
1st Day of Month to Date (mm)	6.6	Grass Minimum	3.1
		Total Sunshine	3.8

COMMENTS :-

Maximum Pressure - 1004.4

Minimum Pressure - 998.0

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 24th March 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	1004.4	1005.2	1004.9	1005.5	1005.5	1004.9	1005.9	1007.0	1007.1	1005.6
Wind Speed	0.8	4.2	3.1	4.1	4.4	5.0	5.3	5.0	6.1	4.2
Wind Direction	90	140	120	110	110	100	90	80	90	
Highest Gust		10.5	11.4	12.2	13.8	14.6	17.8	18.7	20.3	
in interval		141	524	734	1157	1413	1721	1955	2236	
		SE	ESE	ESE	ESE	E	E	E	E	
Dry-bulb Temperature	7.7	7.1	7.3	7.2	9.3	8.4	6.9	6.0	4.9	7.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	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	3.8	5.5	3.8	3.9	4.2	4.2	4.1	4.2	4.2	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.5	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	9.4
Duration (hrs)	0.0	Minimum	3.8
1st Day of Month to Date (mm)	6.6	Grass Minimum	0.6
		Total Sunshine	0.5

COMMENTS :-

Maximum Pressure - 1007.5

Minimum Pressure - 1004.4

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Sunday 25th March 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	1007.1	1006.7	1007.9	1009.2	1010.1	1010.7	1011.9	1013.5	1013.8	1010.1
Wind Speed	7.0	4.2	3.7	3.9	5.4	4.8	4.4	4.3	4.7	4.7
Wind Direction	80	80	70	80	90	100	100	100	90	
Highest Gust		17.0	14.6	11.4	14.6	16.2	14.6	15.4	13.0	
in interval		44	302	600	1159	1326	1742	1831	2101	
		E	ENE	E	E	E	E	E	E	
Dry-bulb Temperature	4.8	4.6	4.1	5.5	6.9	6.3	5.6	4.6	3.7	5.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	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	4.2	4.2	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2
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	7.1
Duration (hrs)	0.0	Minimum	2.9
1st Day of Month to Date (mm)	6.6	Grass Minimum	-0.7
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure - 1014.1

Minimum Pressure - 1006.7

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 26th March 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	1014.0	1014.0	1014.0	1014.4	1014.0	1012.9	1012.3	1011.8	1011.2	1013.2
Wind Speed	4.7	3.6	3.2	4.5	6.6	5.6	7.3	7.2	9.0	5.7
Wind Direction	90	110	110	120	110	120	120	120	130	
Highest Gust		10.5	12.2	13.0	23.5	25.1	26.0	25.1	30.0	
in interval		2359	522	832	1133	1318	1541	1957	2340	
		ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	
Dry-bulb Temperature	3.6	3.5	3.1	4.5	5.6	5.4	4.5	4.0	3.2	4.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	0.0	trace	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.2	2.8	
Visibility										
Relative humidity	4.1	4.2	4.2	4.2	4.2	4.2	4.2	67.0	4.0	11.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.0	0.4	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	5.8
Duration (hrs)	6.8	Minimum	3.0
1st Day of Month to Date (mm)	7.0	Grass Minimum	1.8
		Total Sunshine	1.4

COMMENTS :-

Maximum Pressure - 1014.4

Minimum Pressure - 1011.1

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Tuesday 27th March 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	1011.0	1008.9	1007.7	1006.5	1003.8	1001.0	999.0	998.5	995.7	1003.6
Wind Speed	8.1	8.2	6.8	7.1	6.5	5.3	4.4	3.3	3.0	5.9
Wind Direction	130	130	130	130	120	130	150	140	110	
Highest Gust		28.4	28.4	30.8	25.1	29.2	26.0	13.0	15.4	
in interval		134	300	829	1030	1436	1523	1800	2204	
		SE	SE	SE	ESE	SE	SSE	SE	ESE	
Dry-bulb Temperature	3.2	3.6	3.7	4.3	5.4	5.8	6.8	5.5	5.8	4.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	0.0	trace	0.2	0.2	1.0	trace	trace	
Duration of Rain (hrs)		1.5	0.0	2.3	2.7	1.3	2.3	0.5	2.0	
Visibility										
Relative humidity	4.0	4.1	4.1	4.0	4.0	3.8	3.7	3.2	2.9	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)	2.4	Maximum	6.8
Duration (hrs)	13.8	Minimum	4.1
1st Day of Month to Date (mm)	9.4	Grass Minimum	1.9
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1011.0
Minimum Pressure -	995.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Wednesday 28th March 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	995.7	992.5	991.8	991.8	991.8	989.7	989.2	990.1	990.7	991.5
Wind Speed	2.5	2.5	3.6	1.8	2.8	3.5	2.3	1.2	1.4	2.4
Wind Direction	100	150	220	260	360	340	10	30	300	
Highest Gust		16.2	8.9	9.7	8.1	10.5	12.2	5.7	4.9	
in interval		119	339	646	1021	1318	1540	1844	2112	
		SSE	SW	W	N	NNW	N	NNE	WNW	
Dry-bulb Temperature	5.8	4.4	4.6	6.6	7.7	9.1	7.1	5.9	5.1	6.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.8	0.2	0.0	0.2	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		3.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	2.2	7.3	3.5	4.1	4.2	4.3	4.2	4.1	4.0	4.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.7	0.9	3.0	2.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	9.4
Duration (hrs)	0.0	Minimum	4.2
1st Day of Month to Date (mm)	9.6	Grass Minimum	-0.9
		Total Sunshine	6.8

COMMENTS :-

Maximum Pressure - 995.7

Minimum Pressure - 989.2

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Thursday 29th March 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	990.7	991.6	993.3	995.8	997.5	998.9	1001.3	1004.8	1007.2	997.9
Wind Speed	1.9	2.2	3.7	6.1	8.8	10.2	10.7	10.9	9.3	7.1
Wind Direction	270	310	310	300	300	300	300	300	310	
Highest Gust		6.5	8.1	16.2	23.5	32.4	30.0	26.0	30.8	
in interval		141	445	838	1113	1352	1712	1843	2237	
		NW	NW	WNW	WNW	WNW	WNW	WNW	NW	
Dry-bulb Temperature	5.0	4.7	4.5	6.6	7.9	7.1	6.7	6.7	6.4	6.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.2	trace	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.8	1.7	0.0	0.0	
Visibility										
Relative humidity	4.0	3.8	16.2	4.1	4.2	4.0	4.1	4.0	3.9	5.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.7	1.4	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	8.3
Duration (hrs)	2.5	Minimum	5.3
1st Day of Month to Date (mm)	9.8	Grass Minimum	3.4
		Total Sunshine	2.1

COMMENTS :-

Maximum Pressure - 1007.2

Minimum Pressure - 990.7

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — Friday 30th March 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	1007.2	1009.4	1011.1	1014.2	1015.1	1014.8	1014.8	1014.6	1012.8	1012.7
Wind Speed	9.2	9.8	9.4	9.8	5.5	3.7	3.5	5.3	6.6	7.0
Wind Direction	300	300	300	290	310	320	240	170	160	
Highest Gust		30.8	23.5	22.7	21.9	13.8	16.2	13.0	17.8	
in interval		104	306	754	903	1200	1724	2155	2246	
		WNW	WNW	WNW	NW	NW	WSW	S	SSE	
Dry-bulb Temperature	6.4	6.1	5.4	6.5	8.6	10.2	9.4	8.9	6.9	7.6
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	0.2	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	
Visibility										
Relative humidity	3.9	4.0	3.9	4.1	4.2	4.3	4.3	4.2	4.0	4.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	3.0	3.0	0.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.4	Maximum	11.8
Duration (hrs)	0.0	Minimum	6.3
1st Day of Month to Date (mm)	1.4	Grass Minimum	4.9
		Total Sunshine	7.1

COMMENTS :-

Maximum Pressure -	1015.3
Minimum Pressure -	1007.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 31st March 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	1012.8	1010.3	1008.6	1009.2	1012.2	1014.8	1016.3	1018.2	1019.5	1013.5
Wind Speed	6.3	6.9	6.7	5.9	4.1	2.5	2.4	3.6	5.8	4.9
Wind Direction	160	180	210	210	290	320	280	230	230	
Highest Gust		21.1	19.5	21.1	30.0	11.4	11.4	10.5	13.8	
in interval		218	509	704	1036	1528	1706	2027	44	
		S	SSW	SSW	WNW	NW	W	SW	SW	
Dry-bulb Temperature	6.9	8.1	10.3	11.8	9.0	9.7	11.2	9.1	8.2	9.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.2	trace	0.4	trace	0.0	0.0	0.0	
Duration of Rain (hrs)		1.8	0.7	0.7	1.3	1.2	0.0	0.0	0.0	
Visibility										
Relative humidity	4.0	3.9	4.0	4.1	100.0	4.1	4.2	4.1	4.1	14.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	2.5	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.4	Maximum	12.4
Duration (hrs)	0.0	Minimum	7.6
1st Day of Month to Date (mm)	1.8	Grass Minimum	2.0
		Total Sunshine	2.9

COMMENTS :-

Maximum Pressure -	1019.7
Minimum Pressure -	1008.5
Program run by	KTF