PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 1st September 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	1021.7	1021.9	1022.5	1023.0	1022.3	1020.8	1019.4	1018.3	1017.2	1020.8
Wind Speed	4.6	5.0	3.3	3.7	1.0	5.6	1.1	2.2	2.7	3.2
Wind Direction	320	320	310	300	230	260	290	250	240	
Highest Gust		18.7	17.0	16.2	15.4	17.8	17.0	15.4	17.8	
in interval		11	404	755	912	1442	1501	2009	2236	
		NW	NW	WNW	SW	W	WNW	WSW	WSW	
Dry-bulb Temperature	12.9	12.9	12.9	14.9	15.6	16.2	16.4	16.4	16.3	14.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	trace	trace	trace	trace	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.3	0.2	0.2	0.8	0.0	
Visibility										
Relative humidity	70.2	71.0	72.1	65.6	61.7	68.9	79.9	94.4	100.0	76.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.5	0.4	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	16.9
Duration (hrs)	1.5	Minimum	14.1
1st Day of Month to Date (mm)	trace	Grass Minimum	10.2
		Total Sunshine	0.9

COMMENTS :-

Maximum Pressure -	1023.4
Minimum Pressure -	1017.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 2nd September 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	1016.1	1016.2	1016.9	1016.2	1015.5	1015.3	1015.3	1015.5	1016.0
Wind Speed	1.7	5.4	3.4	3.3	2.6	4.5	1.4	2.0	2.0	2.9
Wind Direction	240	290	300	310	300	300	280	310	310	
Highest Gust		26.0	24.3	19.5	19.5	23.5	21.9	18.7	20.3	
in interval		119	418	621	929	1251	1530	2030	2303	
		WNW	WNW	NW	WNW	WNW	W	NW	NW	
Dry-bulb Temperature	16.4	15.8	15.3	14.8	15.2	16.2	14.5	14.3	14.0	15.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	trace	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	82.7	75.6	66.6	73.4	74.8	78.2	83.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	1.4	0.7	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	16.5
Duration (hrs)	3.3	Minimum	12.4
1st Day of Month to Date (mm)	0.0	Grass Minimum	7.7
		Total Sunshine	2.5

COMMENTS :-

Maximum Pressure -	1017.2
Minimum Pressure -	1015.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 3rd September 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	1015.4	1014.9	1015.4	1015.5	1016.1	1016.1	1016.6	1017.0	1015.8
Wind Speed	2.3	2.7	3.5	3.8	6.1	4.2	2.5	4.9	8.6	4.3
Wind Direction	310	290	290	310	320	310	290	320	320	
Highest Gust		19.5	26.0	23.5	26.8	25.1	25.1	24.3	26.8	
in interval		49	455	826	1100	1220	1543	1910	2255	
		WNW	WNW	NW	NW	NW	WNW	NW	NW	
Dry-bulb Temperature	14.0	12.8	12.8	14.3	15.2	14.7	14.2	13.7	13.6	13.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	0.0	0.0	0.0	0.2	0.0	
Duration of Rain (hrs)		2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	79.7	88.3	95.1	86.8	71.4	76.5	76.4	73.4	77.8	80.6
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.9	0.2	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	15.5
Duration (hrs)	1.2	Minimum	11.5
1st Day of Month to Date (mm)	0.2	Grass Minimum	7.0
		Total Sunshine	2.1

COMMENTS :-

Maximum Pressure - 1017.0

Minimum Pressure - 1014.8

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Tuesday 4th September 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	1017.0	1017.9	1019.8	1022.2	1023.8	1024.6	1024.7	1025.7	1026.1	1022.4
Wind Speed	8.5	6.7	6.3	4.6	6.9	6.1	6.3	6.3	6.5	6.5
Wind Direction	320	350	350	20	330	330	320	330	330	
Highest Gust		29.2	20.3	15.4	21.1	21.1	20.3	21.9	19.5	
in interval		38	545	602	1101	1205	1733	1859	2227	
		N	N	NNE	NNW	NNW	NW	NNW	NNW	
Dry-bulb Temperature	13.6	12.4	12.5	12.8	13.9	14.9	14.2	12.9	13.3	13.4
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)		1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	77.5	89.0	69.9	55.2	63.9	58.1	61.8	64.5	65.7	67.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.9	2.4	2.2	2.4	0.9		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.8	Maximum	15.2
Duration (hrs)	4.0	Minimum	12.6
1st Day of Month to Date (mm)	1.0	Grass Minimum	6.4
		Total Sunshine	8.8

COMMENTS :-

Maximum Pressure -	1026.1
Minimum Pressure -	1016.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 5th September 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	1026.2	1025.1	1024.2	1023.7	1022.8	1022.2	1020.1	1019.9	1020.7	1022.8
Wind Speed	5.1	1.5	1.4	6.0	4.7	3.4	2.4	6.3	8.2	4.3
Wind Direction	330	270	270	300	300	290	290	330	330	
Highest Gust		18.7	20.3	28.4	27.6	23.5	21.9	22.7	27.6	
in interval		4	418	844	1009	1249	1511	1818	2210	
		W	W	WNW	WNW	WNW	WNW	NNW	NNW	
Dry-bulb Temperature	13.4	13.1	12.7	14.3	15.3	15.6	15.9	15.3	13.0	14.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	0.8	0.6	1.0	0.2	0.4	0.4	
Duration of Rain (hrs)		0.0	1.0	3.0	1.8	2.8	3.0	3.0	1.5	
Visibility										
Relative humidity	66.6	74.2	100.0	100.0	100.0	100.0	100.0	100.0	92.8	92.6
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)	2.4	Maximum	16.0
Duration (hrs)	12.3	Minimum	12.4
1st Day of Month to Date (mm)	3.4	Grass Minimum	7.7
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1026.2
Minimum Pressure -	1019.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 6th September 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	1020.7	1021.1	1021.5	1023.2	1022.8	1022.9	1022.4	1022.3	1021.7	1022.1
Wind Speed	7.7	8.0	8.4	7.4	8.6	9.1	6.8	7.4	9.3	8.1
Wind Direction	330	330	320	320	310	310	300	290	310	
Highest Gust		25.1	24.3	22.7	24.3	27.6	25.1	22.7	27.6	
in interval		201	407	700	1144	1219	1512	1954	2327	
		NNW	NW	NW	NW	NW	WNW	WNW	NW	
Dry-bulb Temperature	12.8	12.7	12.6	12.8	14.6	15.2	14.2	14.0	14.9	13.8
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	87.8	77.9	77.4	78.9	73.2	70.5	71.5	76.4	76.6	76.7
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.5	2.5	1.2	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	15.4
Duration (hrs)	0.2	Minimum	12.7
1st Day of Month to Date (mm)	3.4	Grass Minimum	8.2
		Total Sunshine	5.2

COMMENTS :-

Maximum Pressure -	1023.3
Minimum Pressure -	1020.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 7th September 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	1021.8	1021.7	1020.7	1020.1	1018.2	1017.1	1015.5	1014.6	1014.9	1018.3
Wind Speed	8.7	5.6	5.0	6.4	9.6	10.9	7.7	12.1	14.2	8.9
Wind Direction	290	290	300	290	290	300	290	300	300	
Highest Gust		29.2	26.0	25.1	33.3	43.8	32.4	41.4	42.2	
in interval		133	323	818	1121	1333	1527	1927	2116	
		WNW	WNW	WNW	WNW	WNW	WNW	WNW	WNW	
Dry-bulb Temperature	14.8	13.8	13.3	14.2	15.4	16.2	16.4	15.6	15.1	15.0
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	trace	trace	0.0	0.0	trace	trace	
Duration of Rain (hrs)		0.0	0.0	0.2	1.7	0.0	0.0	1.0	2.7	
Visibility										
Relative humidity	77.7	83.7	86.4	100.0	100.0	77.5	80.7	87.4	96.9	87.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.2	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	17.0
Duration (hrs)	6.5	Minimum	12.2
1st Day of Month to Date (mm)	3.6	Grass Minimum	7.6
		Total Sunshine	0.2

COMMENTS :-

Maximum Pressure -	1022.1
Minimum Pressure -	1014.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 8th September 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	1014.8	1016.5	1017.3	1019.3	1020.5	1020.9	1021.2	1022.9	1023.3	1019.6
Wind Speed	15.4	10.2	8.2	10.6	9.3	13.4	12.3	9.7	10.7	11.1
Wind Direction	300	330	340	340	330	330	340	340	340	
Highest Gust		30.8	30.8	30.8	32.4	32.4	37.3	30.0	29.2	
in interval		18	516	742	926	1253	1529	1805	2118	
		NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	
Dry-bulb Temperature	15.1	13.0	12.7	12.5	13.8	13.3	12.9	12.4	12.0	13.1
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	0.0	trace	0.0	trace	0.0	0.0	0.0	
Duration of Rain (hrs)		1.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	84.6	73.2	65.9	60.0	60.1	63.5	66.2	66.8	71.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.7	1.4	2.4	0.5		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	13.9
Duration (hrs)	0.3	Minimum	10.8
1st Day of Month to Date (mm)	3.6	Grass Minimum	6.8
		Total Sunshine	7.0

COMMENTS :-

Maximum Pressure -	1023.3
Minimum Pressure -	1014.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 9th September 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	1023.3	1023.0	1023.8	1025.0	1025.2	1025.4	1025.3	1025.9	1025.7	1024.7
Wind Speed	9.8	9.9	7.8	8.5	7.9	7.1	8.4	9.3	6.5	8.4
Wind Direction	350	340	360	350	340	340	330	330	340	
Highest Gust		34.1	33.3	22.7	26.8	24.3	23.5	26.8	25.1	
in interval		238	330	739	954	1228	1715	2057	2116	
		NNW	N	N	NNW	NNW	NNW	NNW	NNW	
Dry-bulb Temperature	12.0	11.8	11.1	12.0	13.0	13.5	13.6	12.8	12.5	12.5
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)		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	66.6	67.5	65.3	60.5	61.0	57.5	65.3	76.9	77.6	66.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.4	2.7	2.0	2.2	0.4		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	14.3
Duration (hrs)	0.0	Minimum	11.1
1st Day of Month to Date (mm)	3.6	Grass Minimum	6.2
		Total Sunshine	7.7

COMMENTS :-

Maximum Pressure -	1026.2
Minimum Pressure -	1022.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 10th September 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	1025.8	1025.6	1024.9	1025.6	1025.1	1024.4	1023.4	1023.4	1023.4	1024.6
Wind Speed	5.9	4.6	4.3	5.3	5.3	8.6	8.4	6.1	7.9	6.3
Wind Direction	340	320	360	350	330	320	330	320	320	
Highest Gust		17.8	17.0	17.0	14.6	24.3	24.3	24.3	26.0	
in interval		153	333	849	913	1448	1512	1818	2239	
		NW	N	N	NNW	NW	NNW	NW	NW	
Dry-bulb Temperature	12.5	11.9	11.6	12.5	13.1	13.6	13.3	13.4	13.8	12.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.0	trace	trace	0.0	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.3	1.3	0.0	
Visibility										
Relative humidity	77.6	79.7	75.2	61.2	65.1	67.7	81.3	100.0	100.0	78.6
Dew point Temperature										
Sunshine in interval (hrs)			0.0	1.0	2.5	0.2	0.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	14.2
Duration (hrs)	1.7	Minimum	12.2
1st Day of Month to Date (mm)	3.6	Grass Minimum	7.9
		Total Sunshine	4.4

COMMENTS :-

Maximum Pressure -	1025.9
Minimum Pressure -	1023.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Tuesday 11th September 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	1023.4	1023.0	1022.7	1023.1	1023.4	1022.4	1022.4	1022.3	1021.4	1022.7
Wind Speed	7.2	7.5	5.1	5.2	6.5	8.2	3.5	3.5	2.7	5.5
Wind Direction	320	330	310	320	320	310	300	280	250	
Highest Gust		25.1	24.3	24.3	23.5	24.3	22.7	16.2	9.7	
in interval		117	457	753	1022	1430	1600	1802	2118	
		NNW	NW	NW	NW	NW	WNW	W	WSW	
Dry-bulb Temperature	13.7	13.7	13.8	14.1	16.1	16.1	14.9	13.9	13.5	14.4
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	100.0	93.4	84.9	92.7	75.3	77.8	79.0	100.0	92.6	88.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.9	3.0	2.5	0.7		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	16.6
Duration (hrs)	0.0	Minimum	13.0
1st Day of Month to Date (mm)	3.6	Grass Minimum	6.6
		Total Sunshine	7.1

COMMENTS :-

Maximum Pressure -	1023.5
Minimum Pressure -	1021.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Wednesday 12th September 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	1021.2	1019.4	1017.0	1015.5	1011.9	1007.9	1007.9	1008.4	1007.5	1013.0
Wind Speed	1.3	2.5	4.7	7.0	4.9	7.8	6.1	6.2	9.4	5.5
Wind Direction	230	230	230	250	250	250	280	290	300	
Highest Gust		9.7	14.6	21.1	21.9	27.6	30.0	24.3	34.1	
in interval		44	551	736	1037	1332	1523	1936	2251	
		SW	SW	WSW	WSW	WSW	W	WNW	WNW	
Dry-bulb Temperature	13.4	13.5	13.1	14.2	13.8	14.7	11.9	12.4	12.1	13.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.2	0.2	2.8	trace	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	1.2	1.5	3.0	1.7	0.7	
Visibility										
Relative humidity	93.4	81.5	91.5	71.7	93.4	100.0	100.0	86.4	76.9	88.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	0.5	0.2		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	3.8	Maximum	15.0
Duration (hrs)	12.0	Minimum	10.2
1st Day of Month to Date (mm)	8.0	Grass Minimum	6.4
		Total Sunshine	0.7

COMMENTS :-

Maximum Pressure -	1021.2
Minimum Pressure -	1007.3
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 13th September 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	1007.2	1005.2	1002.2	999.7	996.3	996.8	1003.1	1008.4	1011.3	1003.4
Wind Speed	10.3	6.2	6.7	6.8	15.7	13.4	8.9	4.0	3.1	8.3
Wind Direction	300	280	270	280	300	330	10	30	30	
Highest Gust		32.4	34.9	39.7	38.1	43.8	33.3	26.8	13.8	
in interval		122	426	852	900	1339	1515	1819	2127	
		W	W	W	WNW	NNW	N	NNE	NNE	
Dry-bulb Temperature	11.9	11.0	10.9	11.2	10.7	12.5	12.9	11.4	10.2	11.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.4	trace	0.2	2.0	0.4	0.2	0.0	0.0	
Duration of Rain (hrs)		1.7	1.2	1.2	2.5	2.0	0.7	0.0	0.0	
Visibility										
Relative humidity	77.8	91.7	87.7	89.0	100.0	87.4	70.8	78.2	85.7	85.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.5	1.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	2.6	Maximum	13.6
Duration (hrs)	5.2	Minimum	9.6
1st Day of Month to Date (mm)	10.6	Grass Minimum	2.0
		Total Sunshine	1.9

COMMENTS :-

Maximum Pressure -	1011.3
Minimum Pressure -	995.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 14th September 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	1011.4	1013.5	1014.8	1015.3	1015.0	1013.7	1012.0	1010.5	1012.1	1013.1
Wind Speed	4.1	3.0	5.6	7.1	7.7	3.9	5.3	8.7	11.1	6.3
Wind Direction	20	0	320	310	290	270	260	270	310	
Highest Gust		10.5	14.6	17.8	23.5	25.1	24.3	21.9	30.8	
in interval		11	550	713	1125	1330	1559	2024	2145	
		N	NW	NW	WNW	W	W	W	NW	
Dry-bulb Temperature	10.2	10.0	10.8	12.9	14.1	13.1	13.3	12.5	12.3	12.1
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	0.2	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.3	
Visibility										
Relative humidity	85.0	88.7	89.9	86.2	74.1	78.2	78.3	100.0	78.6	84.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.5	1.7	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	14.1
Duration (hrs)	4.8	Minimum	11.1
1st Day of Month to Date (mm)	10.8	Grass Minimum	6.3
		Total Sunshine	2.2

COMMENTS :-

Maximum Pressure - 1015.6

Minimum Pressure - 1010.0

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 15th September 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	1011.8	1012.4	1013.0	1014.7	1014.9	1014.8	1015.0	1016.4	1018.6	1014.6
Wind Speed	10.0	10.8	13.1	11.4	13.0	8.3	11.2	10.8	11.9	11.2
Wind Direction	310	310	320	310	300	290	320	310	330	
Highest Gust		34.1	38.1	34.9	35.7	35.7	40.6	33.3	34.9	
in interval		205	553	617	947	1202	1520	1830	2113	
		NW	NW	NW	WNW	WNW	NW	NW	NNW	
Dry-bulb Temperature	12.1	11.8	11.6	11.8	13.4	13.1	10.5	11.4	11.1	11.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	trace	0.0	0.0	trace	0.4	0.2	
Duration of Rain (hrs)		0.0	0.7	0.7	0.0	0.0	0.7	1.5	0.7	
Visibility										
Relative humidity	78.4	81.3	79.9	82.3	69.6	79.0	100.0	82.0	67.7	80.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	2.0	1.4	1.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	1.0	Maximum	14.2
Duration (hrs)	7.3	Minimum	9.4
1st Day of Month to Date (mm)	11.8	Grass Minimum	5.2
		Total Sunshine	5.0

COMMENTS :-

Maximum Pressure -	1018.6
Minimum Pressure -	1011.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 16th September 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	1018.7	1020.1	1021.2	1023.8	1025.0	1025.7	1026.0	1027.4	1028.2	1024.0
Wind Speed	11.5	9.1	10.5	9.8	7.5	7.4	8.1	4.7	2.9	7.9
Wind Direction	340	330	320	330	330	330	330	70	70	
Highest Gust		33.3	29.2	27.6	30.0	27.6	27.6	28.4	13.0	
in interval		11	342	605	935	1359	1620	1839	2100	
		NNW	NW	NNW	NNW	NNW	NNW	ENE	ENE	
Dry-bulb Temperature	11.2	10.6	9.7	12.3	12.7	14.1	12.7	12.1	9.8	11.7
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.2	0.2	0.2	0.2	0.0	0.0	trace	
Duration of Rain (hrs)		2.0	2.0	0.5	0.7	0.0	0.0	0.0	2.2	
Visibility										
Relative humidity	66.0	84.4	100.0	84.3	80.8	72.0	77.7	77.2	100.0	82.5
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.5	0.4	2.2	2.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.6	Maximum	14.1
Duration (hrs)	2.8	Minimum	7.5
1st Day of Month to Date (mm)	12.4	Grass Minimum	2.5
		Total Sunshine	5.6

COMMENTS :-

Maximum Pressure -	1028.3
Minimum Pressure -	1018.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 17th September 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	1028.1	1028.7	1030.0	1030.4	1030.7	1029.9	1029.7	1030.0	1028.4	1029.5
Wind Speed	2.7	2.5	4.1	4.7	5.5	6.0	6.1	3.9	5.8	4.6
Wind Direction	80	40	30	30	350	360	340	30	20	
Highest Gust		8.1	13.0	13.8	18.7	17.0	17.0	14.6	18.7	
in interval		19	545	718	1126	1230	1719	1901	2302	
		NE	NNE	NNE	N	N	NNW	NNE	NNE	
Dry-bulb Temperature	9.7	9.4	7.7	10.0	11.1	12.5	11.5	10.8	10.8	10.4
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)		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	94.0	91.0	69.2	68.5	67.2	73.0	74.5	72.4	78.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.7	2.5	1.7	0.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	12.5
Duration (hrs)	1.0	Minimum	9.7
1st Day of Month to Date (mm)	12.6	Grass Minimum	4.5
		Total Sunshine	5.6

COMMENTS :-

Maximum Pressure -	1031.2
Minimum Pressure -	1028.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Tuesday 18th September 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	1028.5	1027.9	1027.2	1027.2	1026.1	1024.8	1023.9	1023.0	1021.7	1025.6
Wind Speed	6.2	4.3	4.3	4.1	4.7	5.6	4.5	4.1	4.5	4.7
Wind Direction	20	10	350	20	350	330	340	40	10	
Highest Gust		17.0	14.6	15.4	13.0	17.0	15.4	15.4	13.0	
in interval		159	330	833	1142	1412	1503	1943	2343	
		N	N	NNE	N	NNW	NNW	NE	N	
Dry-bulb Temperature	10.8	10.3	10.4	11.2	13.3	13.6	13.5	12.3	11.4	11.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.2	trace	trace	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	72.5	78.7	88.2	87.7	84.8	88.2	100.0	89.8	95.0	87.2
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.2	0.4	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	13.8
Duration (hrs)	5.3	Minimum	10.9
1st Day of Month to Date (mm)	12.6	Grass Minimum	5.8
		Total Sunshine	0.6

COMMENTS :-

Maximum Pressure -	1028.5
Minimum Pressure -	1021.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 19th September 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	1021.6	1019.9	1018.1	1016.4	1015.8	1015.7	1015.3	1015.3	1015.9	1017.1
Wind Speed	4.2	5.9	4.3	6.3	6.2	5.4	5.0	5.9	4.6	5.3
Wind Direction	10	10	340	330	330	360	0	0	20	
Highest Gust		19.5	15.4	16.2	17.8	19.5	17.0	17.0	21.1	
in interval		224	314	837	1029	1358	1506	2052	2254	
		N	NNW	NNW	NNW	N	N	N	NNE	
Dry-bulb Temperature	11.4	12.0	11.5	12.1	12.9	11.6	12.0	11.8	12.2	11.9
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	trace	0.0	trace	trace	trace	0.0	
Duration of Rain (hrs)		0.8	2.8	1.7	0.0	2.8	3.0	2.3	0.0	
Visibility										
Relative humidity	95.0	95.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0
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	12.9
Duration (hrs)	8.3	Minimum	10.2
1st Day of Month to Date (mm)	12.6	Grass Minimum	4.0
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1021.6
Minimum Pressure -	1014.7
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 20th September 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	1015.8	1017.0	1018.4	1020.0	1020.7	1020.7	1021.2	1022.2	1022.2	1019.8
Wind Speed	4.7	2.0	1.9	1.8	4.9	3.8	3.7	0.1	1.4	2.7
Wind Direction	10	50	30	60	340	340	340	340	290	
Highest Gust		13.0	12.2	8.9	12.2	13.8	12.2	8.1	5.7	
in interval		23	511	736	1156	1232	1547	1802	2330	
		NE	NNE	ENE	NNW	NNW	NNW	NNW	WNW	
Dry-bulb Temperature	12.2	11.4	10.6	12.1	13.7	14.6	13.5	12.7	12.1	12.5
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)		0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	88.4	82.6	76.8	85.3	100.0	100.0	92.6
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	1.5	1.2	2.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	15.8
Duration (hrs)	0.0	Minimum	11.0
1st Day of Month to Date (mm)	12.6	Grass Minimum	5.9
		Total Sunshine	5.1

COMMENTS :-

Maximum Pressure -	1022.3
Minimum Pressure -	1015.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 21st September 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	1022.2	1022.5	1022.5	1022.8	1023.2	1022.3	1021.7	1022.1	1021.9	1022.4
Wind Speed	1.6	2.0	2.6	1.6	3.5	2.4	1.1	1.3	1.4	1.9
Wind Direction	290	150	240	280	330	10	330	260	270	
Highest Gust		5.7	7.3	5.7	12.2	10.5	6.5	5.7	4.9	
in interval		15	507	603	1126	1309	1502	1852	2208	
		SSE	WSW	W	NNW	N	NNW	W	W	
Dry-bulb Temperature	12.1	11.5	11.3	12.6	13.4	13.4	13.0	12.0	11.5	12.3
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	0.0	0.0	0.0	0.2	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	100.0	100.0	100.0	100.0	100.0	100.0	91.6	100.0	100.0	99.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.0	1.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	14.4
Duration (hrs)	4.2	Minimum	10.7
1st Day of Month to Date (mm)	12.8	Grass Minimum	2.9
		Total Sunshine	1.0

COMMENTS :-

Maximum Pressure -	1023.3
Minimum Pressure -	1021.6
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Saturday 22nd September 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	1021.9	1021.0	1021.0	1021.6	1021.5	1021.1	1021.2	1022.3	1022.7	1021.6
Wind Speed	1.2	0.3	0.7	0.3	2.2	2.9	1.9	3.6	3.7	1.9
Wind Direction	270	300	360	280	310	350	10	110	120	
Highest Gust		3.2	6.5	7.3	8.9	9.7	8.1	9.7	13.0	
in interval		2351	455	639	1154	1326	1502	2042	2325	
		WNW	N	W	NW	N	N	ESE	ESE	
Dry-bulb Temperature	11.4	10.9	11.1	11.7	13.3	13.4	12.3	11.6	10.0	11.7
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	trace	trace	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	1.2	3.0	1.2	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	100.0	90.1	100.0	100.0	92.1	98.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.5	0.4	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	14.0
Duration (hrs)	1.0	Minimum	7.4
1st Day of Month to Date (mm)	12.8	Grass Minimum	0.7
		Total Sunshine	0.9

COMMENTS :-

Maximum Pressure -	1022.7
Minimum Pressure -	1020.5
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Sunday 23rd September 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	1022.7	1022.5	1021.6	1022.1	1021.5	1020.4	1020.2	1021.0	1019.9	1021.3
Wind Speed	3.5	0.0	1.5	2.5	2.4	4.4	3.4	3.0	2.8	2.6
Wind Direction	120	110	50	70	30	340	350	80	20	
Highest Gust		10.5	4.1	8.1	7.3	12.2	16.2	13.8	10.5	
in interval		4	501	857	1005	1453	1542	1939	2156	
		ESE	NE	ENE	NNE	NNW	N	E	NNE	
Dry-bulb Temperature	9.9	8.3	7.9	9.1	12.2	12.3	12.6	12.2	10.9	10.6
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	93.5	100.0	100.0	100.0	86.5	87.6	100.0	87.0	100.0	95.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.2	0.0	1.0	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	9.1
1st Day of Month to Date (mm)	12.8	Grass Minimum	2.7
		Total Sunshine	1.2

COMMENTS :-

Maximum Pressure -	1022.7
Minimum Pressure -	1019.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Monday 24th September 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	1019.9	1018.7	1019.1	1019.7	1019.3	1018.7	1019.4	1020.4	1020.0	1019.5
Wind Speed	2.5	3.8	2.0	3.9	4.7	2.8	4.8	3.9	3.0	3.5
Wind Direction	10	40	30	70	80	130	100	90	100	
Highest Gust		11.4	9.7	10.5	15.4	25.1	13.8	14.6	11.4	
in interval		201	305	854	1128	1433	1605	2022	2234	
		NE	NNE	ENE	E	SE	E	E	E	
Dry-bulb Temperature	10.9	10.5	9.7	11.7	13.8	11.2	11.9	10.7	10.5	11.2
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	0.2	trace	trace	0.0	trace	
Duration of Rain (hrs)		2.3	0.7	0.0	0.0	1.0	1.5	0.0	0.2	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	75.4	100.0	100.0	98.0	100.0	97.0
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.7	1.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.2	Maximum	15.3
Duration (hrs)	6.3	Minimum	9.7
1st Day of Month to Date (mm)	13.0	Grass Minimum	4.8
		Total Sunshine	1.7

COMMENTS :- Thunder in Wallasey in evening

Maximum Pressure -	1020.5
Minimum Pressure -	1018.2
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD **Tuesday 25th September 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	1019.9	1020.0	1020.3	1020.9	1020.4	1019.3	1019.4	1019.4	1019.3	1019.9
Wind Speed	3.6	3.7	2.1	1.4	3.0	2.2	3.0	3.8	4.1	3.0
Wind Direction	100	100	100	120	180	110	170	140	140	
Highest Gust		10.5	9.7	6.5	8.9	7.3	7.3	8.1	8.1	
in interval		224	353	627	1045	1312	1526	2006	2100	
		E	E	ESE	S	ESE	S	SE	SE	
Dry-bulb Temperature	10.5	10.4	9.9	11.2	12.9	14.0	12.7	11.1	10.0	11.4
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		0.0	trace	trace	0.0	0.0	0.0	0.0	0.0	
Duration of Rain (hrs)		0.0	2.7	1.0	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	92.5	83.0	82.2	100.0	100.0	95.3
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.0	0.4	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	0.0	Maximum	14.5
Duration (hrs)	0.0	Minimum	8.5
1st Day of Month to Date (mm)	13.0	Grass Minimum	5.1
		Total Sunshine	0.9

COMMENTS :-

Maximum Pressure -	1020.9
Minimum Pressure -	1018.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Wednesday 26th September 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	1019.3	1018.4	1018.0	1018.3	1017.2	1015.9	1015.4	1014.8	1014.5	1016.9
Wind Speed	4.1	4.8	4.6	4.5	3.5	3.0	3.1	3.2	3.9	3.9
Wind Direction	140	150	150	150	130	120	130	140	160	
Highest Gust		11.4	12.2	14.6	15.4	15.4	12.2	14.6	13.0	
in interval		203	309	824	1105	1407	1606	2005	2215	
		SSE	SSE	SSE	SE	ESE	SE	SE	SSE	
Dry-bulb Temperature	9.9	9.5	8.7	11.2	13.5	14.1	13.8	12.0	11.8	11.6
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	trace	trace	
Duration of Rain (hrs)		0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.7	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	85.0	84.8	86.2	100.0	100.0	95.1
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.9	2.9	0.7	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	14.6
Duration (hrs)	8.3	Minimum	11.0
1st Day of Month to Date (mm)	13.0	Grass Minimum	8.5
		Total Sunshine	4.5

COMMENTS :-

Maximum Pressure -	1019.3
Minimum Pressure -	1014.4
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Thursday 27th September 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	1014.5	1012.9	1011.8	1011.8	1010.7	1010.3	1010.2	1011.3	1011.3	1011.6
Wind Speed	4.2	4.4	4.3	4.5	5.3	2.9	4.1	4.7	4.2	4.3
Wind Direction	160	150	140	150	180	240	210	160	170	
Highest Gust		14.6	13.8	15.4	14.6	13.8	11.4	14.6	12.2	
in interval		43	515	732	907	1206	1643	1853	2224	
		SSE	SE	SSE	S	WSW	SSW	SSE	S	
Dry-bulb Temperature	11.8	11.4	11.6	12.5	14.3	15.6	15.6	14.4	14.2	13.5
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	trace	trace	trace	trace	0.0	trace	
Duration of Rain (hrs)		0.3	2.3	2.8	3.0	1.8	2.0	0.0	0.2	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	16.2
Duration (hrs)	7.8	Minimum	12.4
1st Day of Month to Date (mm)	13.0	Grass Minimum	9.0
		Total Sunshine	0.0

COMMENTS :-

Maximum Pressure -	1014.5
Minimum Pressure -	1010.1
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD — **Friday 28th September 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	1011.4	1010.8	1011.3	1011.8	1011.0	1008.0	1007.3	1006.9	1005.8	1009.4
Wind Speed	4.6	4.9	6.8	3.9	4.5	3.9	5.5	4.4	6.0	4.9
Wind Direction	160	160	170	130	120	140	150	140	140	
Highest Gust		11.4	15.4	18.7	17.0	17.8	19.5	17.0	17.0	
in interval		54	348	725	1034	1322	1520	1915	2328	
		SSE	S	SE	ESE	SE	SSE	SE	SE	
Dry-bulb Temperature	14.2	13.3	13.6	14.3	16.4	19.2	18.1	16.2	15.2	15.6
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	0.0	0.0	0.2	0.0	0.0	0.0	trace	
Duration of Rain (hrs)		0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	80.1	66.4	70.8	77.4	91.5	87.4
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	2.2	3.0	0.5	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)	
Amount (mm)	0.2
Duration (hrs)	3.5
1st Day of Month to Date (mm)	13.2

TEMPERATURES (09 NEXT DAY)	
Maximum	19.6
Minimum	14.3
Grass Minimum	10.1
Total Sunshine	5.7

COMMENTS :-

Maximum Pressure -	1012.0
Minimum Pressure -	1005.8
Program run by	KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Saturday 29th September 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	1005.5	1004.0	1003.9	1005.7	1007.0	1007.0	1007.8	1008.6	1008.0	1006.4
Wind Speed	5.0	4.4	5.6	4.5	4.8	2.2	3.8	3.9	3.9	4.2
Wind Direction	140	130	160	230	260	270	220	170	150	
Highest Gust		17.8	19.5	19.5	21.1	20.3	17.0	10.5	13.0	
in interval		137	547	615	936	1228	1610	1800	2329	
		SE	SSE	SW	W	W	SW	S	SSE	
Dry-bulb Temperature	15.1	15.0	15.1	15.4	16.8	18.0	16.1	13.2	12.1	15.2
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)		0.7	1.0	0.7	0.0	0.0	0.0	0.0	0.0	
Visibility										
Relative humidity	93.2	100.0	100.0	100.0	63.8	59.8	66.9	82.5	97.5	84.9
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.2	2.7	2.5	1.7	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)		TEMPERATURES (09 NEXT DAY)	
Amount (mm)	trace	Maximum	18.8
Duration (hrs)	1.2	Minimum	11.8
1st Day of Month to Date (mm)	13.2	Grass Minimum	6.8
		Total Sunshine	7.1

COMMENTS :-

Maximum Pressure - 1008.7

Minimum Pressure - 1003.3

Program run by KTF

PROUDMAN OCEANOGRAPHIC LABORATORY

BIDSTON OBSERVATORY, BIRKENHEAD

Sunday 30th September 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	1007.9	1006.4	1003.3	1001.7	999.1	997.0	993.3	987.5	987.9	998.2
Wind Speed	3.9	6.4	6.4	5.8	10.0	6.5	6.4	8.4	6.5	6.7
Wind Direction	160	170	140	180	180	180	150	170	240	
Highest Gust		17.8	22.7	20.3	27.6	24.3	21.9	30.8	26.0	
in interval		120	448	709	1050	1257	1518	1929	2121	
		S	SE	S	S	S	SSE	S	WSW	
Dry-bulb Temperature	12.0	12.3	13.0	14.6	16.4	15.2	14.7	14.0	12.1	13.8
Wet-Bulb Temperature										
Forms of cloud										
Total amount of cloud										
Rain in interval (mm)		trace	trace	0.0	0.0	trace	trace	trace	trace	
Duration of Rain (hrs)		0.2	1.0	0.0	0.0	1.2	1.8	3.0	2.3	
Visibility										
Relative humidity	100.0	100.0	100.0	100.0	80.4	100.0	100.0	100.0	100.0	97.8
Dew point Temperature										
Sunshine in interval (hrs)			0.0	0.0	0.7	0.0	0.0	0.0		
Weather in previous interval										

RAINFALL (09 NEXT DAY)	
Amount (mm)	trace
Duration (hrs)	10.2
1st Day of Month to Date (mm)	13.2

TEMPERATURES (09 NEXT DAY)	
Maximum	16.8
Minimum	12.0
Grass Minimum	7.7
Total Sunshine	0.7

COMMENTS :-

Maximum Pressure -	1007.9
Minimum Pressure -	986.2
Program run by	KTF