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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1896.

DAILY WEATHER REPORT.

July to December 1896.

DAILY WEATHER REPORT,

JULY TO DECEMBER, 1896.

PREFACE.

The six Tables following give for each Month and the Whole Year, the Means of Pressure, the Means and Extremes of Temperature, and the Mean amounts of Rainfall and Bright Sunshine, with which the current values in the Daily Weather Report may be compared.

(Issued in Continuation of those Published in 1891.)

TABLE I.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF BAROMETRIC PRESSURE FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871—95.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head	29·676	29·772	29·737	29·860	29·889	29·898	29·789	29·767	29·793	29·712	29·693	29·656	29·770	1872—1895	24
Stornoway -	29·688	29·775	29·772	29·845	29·893	29·894	29·800	29·782	29·814	29·743	29·703	29·688	29·783	1873—1895	23
Wick - -	29·715	29·800	29·781	29·866	29·907	29·916	29·813	29·798	29·831	29·747	29·728	29·699	29·800	1871—1895	25
Nairn - -	29·744	29·315	29·802	29·868	29·912	29·917	29·817	29·803	29·843	29·763	29·743	29·727	29·813	,, ,, ,,	25
Aberdeen - -	29·786	29·853	29·821	29·885	29·926	29·933	29·831	29·819	29·863	29·779	29·772	29·758	29·836	,, ,, ,,	25
Leith- - -	29·821	29·873	29·849	29·887	29·936	29·943	29·846	29·835	29·887	29·805	29·798	29·797	29·856	,, ,, ,,	25
Shields - -	29·871	29·908	29·873	29·891	29·947	29·959	29·866	29·858	29·910	29·826	29·824	29·836	29·881	,, ,, ,,	25
Spurn Head -	29·911	29·938	29·891	29·887	29·956	29·971	29·896	29·894	29·947	29·847	29·854	29·870	29·905	1880—1895	16
York- - -	29·922	29·945	29·904	29·901	29·965	29·979	29·899	29·895	29·948	29·862	29·859	29·886	29·914	1873—1895	23
Loughborough -	29·958	29·972	29·931	29·905	29·976	29·991	29·927	29·923	29·971	29·886	29·888	29·922	29·938	1871—1895	25
Ardrossan - -	29·834	29·880	29·861	29·879	29·938	29·944	29·856	29·843	29·892	29·813	29·799	29·809	29·862	,, ,, ,,	25
Malin Head -	29·795	29·844	29·842	29·855	29·918	29·934	29·851	29·830	29·869	29·798	29·755	29·768	29·838	1885—1895	11
Belmullet - -	29·830	29·870	29·882	29·863	29·941	29·953	29·889	29·867	29·904	29·846	29·799	29·822	29·872	,, ,, ,,	11
Donaghadee -	29·854	29·894	29·883	29·883	29·952	29·959	29·880	29·869	29·916	29·834	29·819	29·840	29·882	1873—1895	23
Liverpool - -	29·918	29·943	29·911	29·892	29·965	29·976	29·905	29·898	29·947	29·862	29·862	29·891	29·914	1871—1895	25
Holyhead - -	29·897	29·923	29·906	29·880	29·961	29·976	29·909	29·898	29·941	29·854	29·845	29·876	29·906	,, ,, ,,	25
Parsonstown -	29·895	29·915	29·925	29·883	29·963	29·981	29·914	29·908	29·948	29·877	29·852	29·891	29·913	1873—1895	23
Valencia - -	29·894	29·917	29·929	29·871	29·967	29·984	29·937	29·921	29·961	29·879	29·867	29·900	29·919	1871—1895	25
Roche's Point -	29·909	29·927	29·930	29·873	29·964	29·983	29·933	29·921	29·963	29·876	29·869	29·908	29·921	,, ,, ,,	25
Pembroke - -	29·932	29·948	29·930	29·875	29·965	29·983	29·933	29·923	29·962	29·871	29·871	29·914	29·926	,, ,, ,,	25
Scilly - -	29·960	29·964	29·946	29·872	29·975	30·002	29·969	29·958	29·982	29·892	29·898	29·950	29·947	,, ,, ,,	25
Prawle Point -	29·991	29·996	29·960	29·890	29·988	30·010	29·977	29·968	30·004	29·910	29·917	29·970	29·965	1879—1895	17
Jersey - -	30·012	30·016	29·965	29·893	29·992	30·019	29·998	29·987	30·003	29·913	29·937	29·993	29·977	1876—1895	20
Hurst Castle -	29·991	29·996	29·955	29·893	29·983	30·007	29·963	29·962	30·002	29·906	29·912	29·962	29·961	1874—1895	22
Dover - -	29·992	29·990	29·936	29·884	29·968	29·989	29·950	29·945	29·981	29·898	29·904	29·954	29·949	1871—1895	25
London - -	29·991	29·996	29·949	29·901	29·982	30·001	29·953	29·951	29·991	29·907	29·910	29·956	29·957	,, ,, ,,	25
Oxford - -	29·987	29·994	29·951	29·907	29·984	29·996	29·943	29·944	29·985	29·906	29·908	29·956	29·955	,, ,, ,,	25
Cambridge -	29·979	29·987	29·941	29·904	29·978	29·994	29·934	29·933	29·979	29·895	29·901	29·941	29·947	1873—1895	23
Yarmouth - -	29·960	29·967	29·916	29·894	29·966	29·983	29·923	29·920	29·959	29·874	29·879	29·915	29·930	1871—1895	25

NOTE.—When the records available have not extended over the whole of the period 1871—95 the following rules have been observed for purposes of interpolation :—

(1) Where the observations available have not covered a period of eleven years or more they have been rejected.

(2) When the observations have covered a period of eleven years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent stations.

At the North Foreland the observations are insufficient in point of duration to furnish averages of any great value.

TABLE II.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN MONTH AND FOR THE WHOLE YEAR, DERIVED FROM

STATIONS.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.	
	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.
	o	o	o	o	o	o	o	o	o	o	o	o
Sumburgh Head	39·4	38·0	38·6	37·2	38·5	37·0	42·1	40·4	46·1	44·1	50·5	48·7
Stornoway	39·1	38·2	38·9	38·0	39·2	38·2	43·8	42·3	48·4	46·5	53·4	51·4
Wick	37·9	36·6	37·7	36·4	38·9	37·2	43·3	41·3	48·1	45·7	53·4	50·8
Nairn	36·9	35·4	36·7	35·1	37·9	36·2	43·0	40·7	48·8	45·7	54·4	51·0
Aberdeen	36·9	35·2	36·9	35·2	38·6	36·5	43·5	40·8	48·9	45·4	54·8	50·8
Leith	38·2	36·7	38·1	36·7	39·3	37·6	44·2	41·8	50·1	46·7	55·9	52·3
Shields	37·7	36·5	38·3	36·9	39·3	37·7	43·6	41·4	49·0	46·0	54·9	51·8
Spurn Head	37·3	36·3	38·1	37·2	39·7	38·3	44·1	42·4	49·4	47·3	55·3	52·8
York	36·2	35·2	37·0	36·0	38·5	36·9	43·7	41·6	49·9	46·8	56·1	52·7
Loughborough	35·8	34·8	36·7	35·5	38·6	36·9	44·1	41·8	51·0	47·6	57·7	53·8
Ardrossan	39·5	38·4	39·2	38·0	40·1	38·6	44·6	42·4	49·8	47·0	55·3	52·3
Malin Head	40·6	39·0	41·0	39·5	41·0	39·3	44·2	42·2	48·7	46·3	53·6	51·2
Belmullet	42·3	41·0	42·3	40·7	43·2	41·4	46·5	44·3	51·0	48·2	56·2	53·2
Donaghadee	39·7	38·9	40·0	39·1	40·7	39·5	44·8	43·1	49·7	47·6	55·1	53·0
Liverpool	38·1	36·5	38·5	37·0	40·2	38·1	45·2	42·2	50·9	47·0	57·0	52·8
Holyhead	41·3	40·0	41·1	39·8	42·0	40·5	46·0	44·0	50·6	48·1	55·9	53·4
Parsonstown	38·3	37·3	39·1	37·8	40·1	38·6	45·1	42·7	51·0	47·9	56·2	52·9
Valencia	44·0	42·7	44·3	42·6	44·8	42·8	48·4	45·9	52·9	49·7	57·4	54·5
Roche's Point	42·7	41·4	43·0	41·4	43·3	41·5	47·0	44·7	51·8	49·0	57·0	53·8
Pembroke	42·2	40·8	41·8	40·5	42·1	40·4	45·4	43·7	50·0	47·9	55·4	53·4
Scilly	46·0	44·4	45·7	44·1	46·0	44·1	48·8	46·8	52·7	50·4	57·5	55·3
Prawle Point	41·3	40·3	41·2	40·2	42·7	41·2	46·6	44·9	51·7	49·5	57·1	54·7
Jersey	41·5	40·0	42·0	40·6	44·0	41·9	48·8	46·1	53·8	50·6	59·0	55·9
Hurst Castle	39·6	38·8	39·8	38·8	41·0	39·9	45·8	44·4	51·9	50·1	57·9	55·7
Dover	38·4	37·4	38·8	37·7	40·6	39·2	46·4	44·1	52·5	49·4	58·2	55·0
London	37·1	36·0	38·1	36·8	40·0	38·1	46·2	43·2	52·7	48·6	58·9	54·6
Oxford	36·4	35·4	37·3	36·1	38·7	37·2	44·4	42·1	50·8	47·6	56·8	53·3
Cambridge	35·6	34·8	36·7	35·7	38·8	37·4	45·7	43·0	51·9	48·6	58·1	54·7
Yarmouth	37·0	36·1	37·8	36·9	40·1	38·5	44·7	43·0	50·6	48·1	56·8	54·0

NOTE.—When the records available have not extended over the whole of the period 1871 to 1895, the

(1) Where the observations available have not covered a period of eleven years or more they have

(2) When the observations have covered a period of eleven years or more the means have been

At the North Foreland the observations are

VALUES OF THE DRY BULB AND WET BULB TEMPERATURES FOR EACH

OBSERVATIONS MADE AT 8 A.M. DAILY DURING THE 25 YEARS 1871-95.

JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		ANNUALS.		LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NUMBER OF YEARS.
Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.	Dry.	Wet.		
o	o	o	o	o	o	o	o	o	o	o	o	o	o		
53·3	51·7	53·4	51·8	50·8	49·1	45·9	44·2	42·3	40·6	39·8	38·3	45·1	43·4	1871—1895	25
55·4	53·7	55·0	53·5	51·5	50·2	45·4	44·3	42·0	41·0	39·6	38·7	46·0	44·7	,, ,, ,,	25
55·8	53·6	55·3	53·4	52·0	50·1	46·1	44·5	41·6	40·1	38·3	37·1	45·7	43·9	,, ,, ,,	25
56·7	53·4	55·7	53·0	51·5	49·1	44·5	42·6	40·0	38·4	37·2	35·7	45·3	43·0	,, ,, ,,	25
57·4	53·7	56·6	53·5	52·3	49·8	45·4	43·4	40·7	38·9	37·0	35·3	45·8	43·2	,, ,, ,,	25
58·3	54·7	57·6	54·4	53·3	50·8	46·4	44·5	41·8	40·1	38·7	37·2	46·8	44·5	,, ,, ,,	25
58·1	54·9	57·3	54·6	53·2	51·0	46·9	45·1	42·4	40·8	38·4	37·0	46·6	44·5	,, ,, ,,	25
59·4	56·6	58·9	56·6	55·6	53·8	48·8	47·3	43·5	42·2	38·9	37·8	47·4	45·7	1880—1895	16
59·1	55·8	57·8	55·1	52·9	51·0	45·6	44·2	40·9	39·7	36·6	35·6	46·2	44·2	1873—1895	23
60·9	57·2	59·2	56·3	53·6	51·9	45·6	44·3	40·7	39·5	36·4	35·4	46·7	44·6	,, ,, ,,	23
57·3	54·7	57·3	55·0	53·7	51·6	47·6	45·7	43·3	41·6	40·3	39·1	47·3	45·4	1871—1895	25
55·9	53·7	56·1	53·9	53·5	51·1	48·2	46·1	43·9	42·0	41·3	39·6	47·3	45·3	1885—1895	11
57·5	54·9	57·8	55·2	55·1	52·7	49·4	46·4	45·3	43·3	42·8	40·9	49·1	46·9	,, ,, ,,	11
57·3	55·4	56·9	55·4	53·6	52·4	47·6	46·3	43·4	42·3	40·4	39·5	47·4	46·0	1873—1895	23
59·3	55·4	58·6	55·3	54·7	52·0	47·6	45·5	42·7	40·9	39·0	37·3	47·7	45·0	1871—1895	25
58·1	55·8	58·4	56·2	55·8	53·6	50·1	48·0	45·9	44·2	42·8	41·2	49·0	47·1	,, ,, ,,	25
57·9	54·8	57·2	55·1	52·8	50·9	45·5	43·9	41·8	40·3	38·3	37·0	46·9	44·9	1873—1895	23
59·0	56·4	59·3	56·9	56·4	54·1	51·0	48·8	47·4	45·5	45·0	42·9	50·8	48·6	1871—1895	25
58·8	55·9	58·8	56·3	55·6	53·4	49·9	48·1	46·2	44·6	43·5	42·1	49·8	47·7	,, ,, ,,	25
57·9	55·9	58·6	56·6	56·2	54·0	51·0	49·1	47·1	45·4	43·9	42·6	49·3	47·5	,, ,, ,,	25
60·2	58·1	60·9	58·8	58·5	56·4	53·6	51·5	50·1	48·1	47·4	45·5	52·3	50·3	,, ,, ,,	25
59·5	57·2	60·0	57·9	57·2	55·3	51·0	49·4	46·4	44·9	42·8	41·4	49·8	48·1	1879—1895	17
62·0	58·9	63·0	59·7	60·2	57·2	53·3	50·6	48·0	46·0	43·5	41·7	51·6	49·1	1871—1895	25
61·1	58·8	61·2	59·0	57·3	55·7	50·7	49·1	45·3	44·3	40·9	40·1	49·4	47·9	1874—1895	22
61·7	58·4	61·9	58·7	57·9	55·5	50·2	48·4	44·7	43·3	40·0	38·9	49·3	47·2	1871—1895	25
61·8	57·6	60·9	57·3	55·8	53·4	47·5	45·9	42·5	41·1	38·0	36·8	48·3	45·8	,, ,, ,,	25
59·8	56·4	58·8	55·9	53·9	52·0	46·0	44·7	41·4	40·2	37·1	36·0	46·8	44·7	,, ,, ,,	25
61·1	57·6	59·9	57·1	54·6	52·9	46·3	45·3	41·0	40·1	36·4	35·6	47·2	45·2	1873—1895	23
60·7	57·6	60·5	57·5	56·4	54·4	49·1	47·6	43·4	42·2	38·1	37·1	47·9	46·1	1871—1895	25

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations having a complete record.

insufficient in point of duration to furnish averages of any great value.

TABLE III.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN VALUES OF THE DAILY

FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED

STATIONS.	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.
	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°
Sumburgh Head	42·5	35·2	38·9	42·2	34·4	38·3	42·8	34·0	38·4	46·2	36·9	41·6	50·3	40·3	45·3	54·6	45·0	49·8
Stornoway	42·9	34·0	38·5	43·6	34·2	38·9	44·9	34·2	39·6	49·2	37·1	43·2	53·5	41·0	47·3	58·2	46·0	52·1
Wick	42·0	32·9	37·5	42·9	32·9	37·9	44·9	33·8	39·4	49·3	37·0	43·2	53·9	40·7	47·3	58·9	45·5	52·2
Nairn	42·0	32·2	37·1	43·4	32·5	38·0	45·9	33·4	39·7	51·4	36·9	44·2	56·6	41·9	49·3	62·3	47·3	54·8
Aberdeen	42·0	32·8	37·4	43·1	33·3	38·2	45·7	34·3	40·0	49·6	38·0	43·8	54·9	41·9	48·4	61·0	47·2	54·1
Leith	43·9	33·3	38·6	45·5	33·9	39·7	48·0	34·4	41·2	52·2	37·9	45·1	57·8	42·4	50·1	63·9	48·0	56·0
Shields	42·7	33·5	38·1	43·9	34·4	39·2	46·2	34·8	40·5	49·3	38·4	43·9	54·5	42·7	48·6	60·6	48·5	54·6
Spurn Head	41·2	34·0	37·6	42·2	35·4	38·8	44·8	36·4	40·6	48·6	40·2	44·4	54·3	45·0	49·7	60·3	51·1	55·7
York	42·2	31·9	37·1	44·4	33·2	38·8	48·4	33·8	41·1	54·0	37·5	45·8	59·9	42·3	51·1	66·2	48·4	57·3
Loughborough	42·5	31·7	37·1	45·2	33·0	39·1	49·8	33·8	41·8	55·7	37·7	46·7	61·9	42·6	52·3	68·6	48·8	58·7
Ardrossan	43·7	35·7	39·7	44·4	35·9	40·2	46·4	36·1	41·3	51·7	39·4	45·6	56·6	43·9	50·3	62·1	49·4	55·8
Malin Head	45·0	37·6	41·3	45·5	38·3	41·9	46·5	38·5	42·5	50·1	41·7	45·9	54·3	45·5	49·9	59·0	50·8	54·9
Belmullet	46·4	38·7	42·6	47·2	38·8	43·0	48·4	39·3	43·9	52·2	42·7	47·5	55·7	46·3	51·0	60·8	51·4	56·1
Donaghadee	44·2	35·8	40·0	45·5	36·6	41·1	47·3	37·1	42·2	51·2	40·5	45·9	56·1	44·6	50 4	61·5	49·7	55·6
Liverpool	43·0	34·7	38·9	44·3	35·7	40·0	47·2	36·7	42·0	53·0	40·4	46·7	58·2	45·1	51·7	64·0	51·1	57·6
Holyhead	45·1	38·2	41·7	45·4	38·3	41·9	47·4	38·8	43·1	51·7	42·0	46·9	56·3	46·1	51·2	61·7	51·3	56·5
Parsonstown	45·0	33·6	39·3	46·8	35·1	41·0	49·9	34·9	42·4	54·9	38·2	46·6	59·7	42·8	51·3	64·9	48·5	56·7
Valencia	49·0	39·8	44·4	49·5	40·3	44·9	51·0	40·3	45·7	54·3	43·0	48·7	58·1	46·5	52·3	62·5	51·2	56·9
Roche's Point	47·3	38·9	43·1	48·2	39·4	43·8	49·7	39·5	44·6	53·8	42·4	48·1	58·7	46·3	52·5	64·3	51·3	57·8
Pembroke	45·1	39·0	42·1	45·3	39·0	42·2	46·6	39·0	42·8	50·7	42·0	46·4	55·1	46·0	50·6	60·5	51·6	56·1
Scilly	48·5	42·3	45·4	48·6	42·4	45·5	49·5	42·3	45·9	52·3	44·9	48·6	56·4	48·3	52·4	61·5	53·2	57·4
Prawle Point	45·7	37·0	41·4	46·6	37·8	42·2	48·2	37·7	43·0	52·3	41·1	46 7	56·9	45·4	51·2	61·7	50·7	56·2
Jersey	45·6	37·9	41·8	46·8	38·8	42·8	49·7	39·8	44·8	54·7	43·7	49·2	59·7	47·4	53·6	64·9	52·8	58·9
Hurst Castle	44·4	35·6	40·0	45·4	36·3	40·9	47·9	37·1	42·5	52·8	41·3	47·1	59·0	45·9	52·5	64·6	52·0	58·3
Dover	42·9	34·7	38·8	44·2	35·5	39·9	46·5	36·6	41·6	51·4	41·4	46·4	57·2	46·4	51·8	63·0	52·3	57·7
London	43·4	33·2	38·3	45·5	34·5	40·0	50·1	35·2	42·7	56·6	39·8	48·2	62·6	44·5	53·6	69·2	50·6	59·9
Oxford	42·5	32·9	37·7	44·9	34·2	39·6	49·3	34·5	41·9	55·2	38·8	47·0	61·0	43·5	52·3	67·1	49·9	58·5
Cambridge	42·7	30·9	36·8	45·5	32·1	38·8	50·6	32·9	41·8	56·7	37·1	46·9	62·4	42·1	52·3	68·8	48·4	58·6
Yarmouth	40·9	33·0	37·0	42·3	34·0	38·2	45·2	35·3	40·3	49·2	40·0	44·6	55·3	44·8	50·1	61·9	51·0	56·5

NOTE:—When the records available have not extended over the whole of the period 1871-95, the

(1) Where the observations available have not covered a period of eleven years or more, they have

(2) When the observations have covered a period of eleven years or more, the means have been

At the North Foreland the observations

MAXIMUM AND MINIMUM TEMPERATURES, AND OF THE MAXIMUM AND MINIMUM COMBINED, FROM OBSERVATIONS EXTENDING OVER THE 25 YEARS 1871—1895.

JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.			ANNUALS.			Limits of Years of Actual Observations.	Number of Years.
Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.	Max.	Min.	Mean.		
°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
57·5	48·3	52·9	57·7	48·5	53·1	55·0	46·1	50·6	49·7	41·6	45·7	45·8	38·2	42·0	42·8	35·5	39·2	48·9	40·3	44·6	1871—1895	25
60·2	49·0	54·6	59·8	49·1	54·5	56·5	45·8	51·2	50·8	40·3	45·6	46·4	37·1	41·8	43·3	34·4	38·9	50·8	40·2	45·5	,, ,, ,,	25
61·6	48·9	55·3	61·2	48·6	54·9	57·8	45·7	51·8	51·6	40·4	46·0	46·2	36·4	41·3	42·4	33·0	37·7	51·1	39·7	45·4	1872—1895	24
64·3	50·6	57·5	63·6	50·1	56·9	59·5	46·2	52·9	51·9	40·0	46·0	45·7	35·5	40·6	42·2	32·4	37·3	52·4	39·9	46·2	1871—1895	25
63·6	50·7	57·2	63·1	50·2	56·7	59·3	46·6	53·0	52·3	41·1	46·7	46·3	36·7	41·5	42·0	32·8	37·4	51·9	40·5	46·2	,, ,, ,,	25
66·4	51·2	58·8	65·8	51·3	58·6	62·0	47·5	54·8	54·5	41·4	48·0	48·2	37·1	42·7	44·1	33·7	38·9	54·4	41·0	47·7	,, ,, ,,	25
63·9	51·9	57·9	63·9	51·7	57·8	60·1	48·2	54·2	53·2	42·2	47·7	47·6	38·0	42·8	43·1	33·9	38·5	52·4	41·5	47·0	,, ,, ,,	25
64·8	54·9	59·9	64·4	54·9	59·7	60·7	52·5	56·6	53·3	45·5	49·4	47·1	40·4	43·8	42·6	35·4	39·0	52·0	43·8	47·9	1880—1895	16
68·5	51·8	60·2	67·8	51·4	59·6	63·2	47·5	55·4	54·4	41·0	47·7	47·7	36·6	42·2	42·5	32·4	37·5	54·9	40·7	47·8	1871—1895	25
71·1	52·5	61·8	70·3	52·0	61·2	65·4	47·6	56·5	55·6	40·9	48·3	48·4	36·7	42·6	43·0	32·3	37·7	56·5	40·8	48·7	,, ,, ,,	25
63·5	52·7	58·1	63·4	52·8	58·1	59·7	49·4	54·6	53·5	43·4	48·5	47·9	39·2	43·6	44·7	36·2	40·5	53·1	42·8	48·0	1872—1895	24
60·9	53·5	57·2	61·7	54·0	57·9	58·4	51·1	54·8	52·4	45·6	49·0	48·0	40·9	44·5	45·2	38·1	41·7	52·3	44·6	48·5	1885—1895	11
62·2	53·8	58·0	62·5	54·1	58·3	59·6	51·6	55·6	53·9	46·0	50·0	49·4	41·5	45·5	46·9	39·0	43·0	53·8	45·3	49·6	,, ,, ,,	11
63·2	52·2	57·7	62·5	52·6	57·6	60·0	49·4	54·7	53·6	43·3	48·5	48·5	39·4	44·0	45·8	36·3	41·1	53·3	43·1	48·2	1873—1895	23
65·9	54·1	60·0	65·6	54·3	60·0	61·5	50·9	56·2	63·7	44·5	49·1	48·0	39·7	43·9	43·8	35·7	39·8	54·0	43·6	48·8	1871—1895	25
63·7	54·2	59·0	64·0	54·7	59·4	60·8	52·5	56·7	54·6	47·0	50·8	49·8	42·9	46·4	46·5	39·2	42·9	53·9	45·4	49·7	1872—1895	24
66·2	51·4	58·8	65·7	51·5	58·6	61·7	47·2	54·5	54·6	40·4	47·5	49·1	37·0	43·1	45·1	33·5	39·3	55·3	41·2	48·3	,, ,, ,,	24
63·9	53·6	58·8	64·4	54·2	59·3	61·8	51·3	56·6	56·3	46·3	51·3	52·3	42·9	47·6	49·9	40·4	45·2	56·1	45·8	51·0	1871—1895	25
65·8	53·3	59·6	65·7	53·9	59·8	61·7	51·0	56·4	55·7	45·8	50·8	51·2	42·0	46·6	48·2	39·4	43·8	55·9	45·3	50·6	1872—1895	24
62·4	54·8	58·6	63·0	55·6	59·3	60·3	53·1	56·7	54·7	47·8	51·3	50·3	43·6	47·0	47·0	40·5	43·8	53·4	46·0	49·7	,, ,, ,,	24
64·4	56·2	60·3	64·9	56·9	60·9	62·0	54·8	58·4	56·6	50·0	53·3	52·6	46·6	49·6	49·8	43·6	46·7	55·6	48·5	52·1	1871—1895	25
64·4	53·8	59·1	65·1	54·5	59·8	62·5	52·3	57·4	56·5	46·1	51·3	51·2	42·1	46·7	47·3	38·5	42·9	54·9	44·8	49·9	1879—1895	17
68·2	56·3	62·3	68·8	57·2	63·0	65·8	54·9	60·4	58·3	48·7	53·5	52·3	44·3	48·3	47·7	39·7	43·7	56·9	46·8	51·9	1871—1895	25
67·7	55·5	61·6	68·1	56·0	62·1	64·6	52·3	58·5	57·1	45·8	51·5	50·7	41·0	45·9	45·9	36·7	41·3	55·7	44·6	50·2	1874—1895	22
66·7	56·0	61·4	67·3	56·6	62·0	63·7	53·2	58·5	56·3	46·1	51·2	49·7	40·9	45·3	44·7	35·9	40·3	54·5	44·6	49·6	1872—1895	24
72·0	54·0	63·0	71·6	53·5	62·6	66·5	49·6	58·1	56·6	42·7	49·7	49·6	38·3	44·0	44·3	34·0	39·2	57·3	42·5	49·9	1871—1895	25
69·4	53·3	61·4	69·1	53·0	61·1	64·3	48·8	56·6	55·4	42·0	48·7	48·5	37·7	43·1	43·2	33·6	38·4	55·8	41·9	48·8	,, ,, ,,	25
71·6	52·1	61·9	71·1	51·9	61·5	66·0	47·9	57·0	56·4	40·9	48·7	48·9	36·0	42·5	43·2	31·6	37·4	57·0	40·3	48·7	,, ,, ,,	25
66·2	54·8	60·5	66·3	54·7	60·5	62·3	51·3	56·8	54·3	44·6	49·5	47·7	39·2	43·5	42·2	33·8	38·0	52·8	43·0	47·9	1872—1895	24

following rules have been observed for purposes of interpolation :—

been rejected.

reduced to their approximate value for the whole period by comparison with the values at adjacent and similarly exposed Stations having a complete record.

are insufficient in point of duration to furnish averages of any great value.

TABLE V.—SHOWING FOR THE TELEGRAPHIC REPORTING STATIONS THE MEAN RAINFALL FOR EACH MONTH AND FOR THE WHOLE YEAR—DERIVED FROM OBSERVATIONS EXTENDING OVER THE 30 YEARS 1866 TO 1895.

STATIONS.	JAN.	FEB.	MAR.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPT.	OCT.	NOV.	DEC.	ANNUAL	LIMITS OF YEARS OF ACTUAL OBSERVATIONS.	NO. OF YEARS.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		
Sumburgh Head	3·85	3·11	2·75	1·95	1·76	1·93	2·36	3·34	3·38	4·31	4·14	4·27	37·15	1871—1895	25
Stornoway	5·17	3·80	3·70	2·49	2·53	2·76	3·08	3·77	4·09	5·15	4·80	5·64	46·98	1855—1895	41
Wick	2·24	2·16	1·99	1·63	1·77	1·75	2·52	2·68	2·51	3·14	2·93	3·17	28·49	1866—1895	30
Nairn	1·98	1·65	1·68	1·21	1·68	1·73	2·73	2·80	2·48	2·51	2·14	1·94	24·53	,, ,, ,,	30
Aberdeen	2·38	2·26	2·23	1·96	2·01	1·80	2·84	3·15	2·89	3·05	3·16	3·11	30·84	,, ,, ,,	30
Leith	1·78	1·51	1·41	1·46	1·70	1·79	2·80	2·74	2·19	2·03	2·05	1·89	23·35	,, ,, ,,	30
Shields	1·72	1·50	1·74	1·65	1·64	1·71	2·69	2·86	2·30	2·58	2·39	2·32	25·10	,, ,, ,,	30
Spurn Head	1·38	1·32	1·19	1·35	1·61	1·64	1·78	1·84	1·83	2·33	2·28	2·05	20·60	1880—1895	16
York	1·84	1·68	1·66	1·68	1·87	2·21	2·78	2·62	2·45	2·74	2·21	2·21	25·95	1866—1895	30
Loughborough	2·01	1·71	1·54	1·71	2·05	2·20	2·35	2·50	2·50	2·83	2·21	2·24	25·85	1872—1895	24
Ardrossan	3·89	2·93	2·30	2·03	2·28	2·32	2·86	3·91	3·38	3·82	3·78	3·66	37·16	1866—1895	30
Belmullet	**5·48**	**4·20**	**3·80**	**2·48**	**2·83**	**2·85**	**3·59**	**4·62**	**4·26**	**5·18**	**5·92**	**5·36**	**50·57**	1876—1895	20
Donaghadee	2·90	2·34	1·97	1·86	2·21	2·03	2·82	3·27	2·74	3·22	3·10	2·85	31·31	1873—1895	23
Liverpool	2·18	1·68	1·67	1·54	1·83	1·99	2·99	2·87	3·17	3·58	2·81	2·62	28·93	1866—1895	30
Holyhead	3·26	2·42	2·20	1·86	1·85	1·97	2·37	2·98	3·10	4·44	3·96	3·83	34·24	,, ,, ,,	30
Parsonstown	2·99	2·16	2·20	2·04	2·31	2·34	2·98	3·67	2·92	3·12	2·86	3·09	32·68	,, ,, ,,	30
Valencia	6·31	4·89	3·87	3·67	3·13	3·34	4·23	4·85	4·38	5·57	5·63	5·93	55·80	1869—1895	27
Roche's Point	5·33	4·19	3·38	3·06	3·01	3·07	3·18	4·03	3·74	4·16	4·79	5·16	47·10	1868—1895	28
Pembroke	3·71	2·62	2·26	1·89	1·96	1·88	2·53	2·88	3·32	4·11	4·04	3·96	35·16	1871—1895	25
Scilly	3·63	2·62	2·28	2·15	1·69	1·76	2·47	2·54	3·28	3·77	3·80	4·00	33·99	,, ,, ,,	25
Prawle Point	2·92	1·94	1·88	1·94	1·48	1·59	2·39	2·24	2·41	3·78	3·26	3·77	29·60	1879—1895	17
Jersey	3·21	2·41	2·24	2·01	1·86	1·86	2·54	2·44	2·96	4·70	4·19	3·76	34·18	1866—1895	30
Hurst Castle	2·86	2·10	1·78	1·72	1·64	1·83	2·39	2·37	2·76	3·60	3·11	2·77	28·93	,, ,, ,,	30
Dover	2·47	1·81	1·74	1·61	1·66	1·52	2·05	2·07	2·53	3·43	3·30	2·79	26·98	,, ,, ,,	30
London	2·06	1·64	1·43	1·70	1·77	1·99	2·48	2·36	2·17	2·82	2·31	2·11	24·84	,, ,, ,,	30
Oxford	2·16	1·76	1·50	1·66	1·83	2·11	2·68	2·32	2·43	2·75	2·42	2·10	25·72	,, ,, ,,	30
Cambridge	1·52	1·42	1·34	1·56	1·87	2·14	2·62	2·39	2·13	2·41	2·07	1·82	23·29	,, ,, ,,	30
Yarmouth	1·96	1·73	1·73	1·63	1·83	1·86	2·89	2·30	2·64	3·11	2·92	2·53	27·13	,, ,, ,,	30

NOTE.—When the records available have not extended over the whole of the period 1866-1895, the following rules have been observed for purposes of interpolation:—

(1) Where the observations available have not covered a period of *sixteen* years, or more, they have been rejected.

(2) When the observations have covered a period of sixteen years, or more, the means have been reduced to their approximate values for the whole period by comparison with the values at adjacent and similarly exposed stations.

(3) In the case of Belmullet the values could not be corrected in the manner described; the values given above are therefore for twenty years only, and are printed in thick type.

At North Foreland and Malin Head the observations are insufficient in point of duration to furnish averages of any great value.

TABLE VI.—Showing, for certain TELEGRAPHIC REPORTING STATIONS for EACH MONTH and the WHOLE YEAR, the Mean Numbers of Hours of BRIGHT SUNSHINE, together with the PERCENTAGES of the POSSIBLE DURATION, in each instance —derived from Observations extending over the 15 years 1881 to 1895.

STATIONS.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.		Annuals.		Limits of Years of Actual Observations.	Number of Years.
	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.	Hours.	Percentages.		
Stornoway	29·2	13	63·6	25	103·3	29	159·0	37	184·8	36	185·1	35	143·6	27	117·4	25	103·3	27	84·1	27	42·1	18	25·4	13	1240·9	28	1881—1895	15
Aberdeen	52·6	23	73·4	28	124·0	34	154·0	36	192·2	38	196·5	37	160·8	31	151·1	33	124·2	33	97·5	31	54·7	23	39·9	20	1420·9	32	,, ,, ,,	15
York	30·2	12	60·0	22	109·1	30	139·4	33	187·8	38	173·0	34	163·3	32	145·1	32	118·4	32	87·3	27	39·7	16	26·5	12	1279·8	29	,, ,, ,,	15
Parsonstown	50·8	21	68·0	25	114·7	32	155·8	38	180·2	37	173·7	35	136·5	27	131·0	29	124·7	33	97·1	30	63·1	25	45·0	20	1340·6	30	,, ,, ,,	15
Valencia	56·1	22	72·9	27	135·3	37	171·5	42	206·4	43	203·4	41	153·8	31	146·0	33	130·4	35	104·2	32	63·8	25	43·9	19	1487·7	34	,, ,, ,,	15
Pembroke	53·6	21	79·9	29	139·9	38	185·9	45	217·3	45	234·7	48	199·7	40	188·8	42	146·5	39	103·4	32	58·8	23	46·0	20	1654·5	38	,, ,, ,,	15
Jersey	71·2	27	95·0	34	160·2	44	196·3	48	249·2	53	243·1	51	230·0	48	241·2	55	183·4	49	127·4	39	70·9	26	62·6	25	1930·5	44	,, ,, ,,	15
London (Westminster)	19·3	8	33·0	12	72·3	20	113·9	28	168·6	35	167·4	34	162·0	33	160·9	36	111·5	30	70·1	22	29·5	11	11·8	5	1120·3	25	1883—1895	13
Oxford	47·1	19	66·3	24	119·7	33	152·1	37	196·6	41	192·1	39	185·5	38	182·9	41	141·0	38	101·7	31	55·4	22	41·8	18	1482·2	34	1881—1895	15
Cambridge	49·8	20	70·5	26	127·4	35	157·7	38	199·6	41	195·3	40	189·6	38	180·5	40	144·2	39	104·4	32	61·7	24	41·2	18	1521·9	35	,, ,, ,,	15

Note.—Where the records available have not extended over the whole period of 1881-1895, they have been reduced to their approximate values for the 15 years by comparison with those at adjacent and similarly exposed stations.

The observations at Scilly are insufficient in point of duration to furnish averages of any great value ; they are therefore omitted.

Wyman & Sons, Ltd., Printers, 63, Carter Lane, Doctors' Commons, E.C. [8984)

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 1st July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.69	63	NE	2	c	29.70	—.09	68	64	+ 1	NE	2	o	*	c	*	77	54	0.12
	Hernösand ...	29.66	59	N	2	o	29.63	—.10	62	58	+ 1	NE	4	o	*	o	*	64	55	—
	Stockholm ...	29.65	60	SW	2	b	29.65	+ .03	63	58	+ 2	W	2	b	*	b	*	72	54	—
	Wisby	29.67	58	S	4	b	29.71	+ .06	59	51	— 1	WNW	4	b	*	b	*	64	50	—
	Karlstad ..	29.64	60	SSW	2	b	29.65	+ .02	59	52	+ 2	NE	4	b	*	b	*	*	*	—
	Bodö	29.82	51	? NNE	4	c	29.78	—.08	51	49	+ 3	NE	2	o	1	c	*	54	48	—
	Christiansund ...	29.75	51	NE	6	o	29.72	—.12	51	50	+ 1	NE	2	r	2	o	*	54	48	0.51
	Skudesnaes ...	29.62	52	NW	2	c	29.60	—.18	58	52	+ 6	SE	2	c	1	b,c	*	57	44	*
	Færder (Christiania Fjord)	29.63	56	S	2	o	29.62	—.04	54	51	+ 4	NNE	2	o	1	o	*	57	50	—
	Skagen (The Scaw)	29.62	57	2	o	bc	29.51	—.16	59	51	+ 4	ESE	3	o	o	bc	*	66	55	0.15
	Fanö	29.55	56	WSW	5	c	29.47	—.38	56	55	+ 2	NW	4	o	*	c	*	57	54	0.35
	Sumburgh Head	29.74	53	NE	2	bc	29.83	+ .15	49	46	— 2	N	3	o	4	c, bc	*	55	45	—
	Stornoway ...	29.67	56	N	4	o	30.01	+ .35	53	49	— 1	N	3	o	3	p, o	3.8	56	47	0.02
	Wick	29.68	55	NW	4	bc	29.93	+ .30	53	51	0	N	5	cp	3	bc	*	59	44	0.10
	Nairn	29.66	56	W	1	r	29.97	+ .31	52	49	— 4	NNW	2	r	2	r	*	62	47	0.08
	Aberdeen ...	29.66	56	NNW	2	c	29.91	+ .26	54	47	— 3	NNW	6	bcq	4	cpq	1.5	64	46	0.03
	Leith	29.71	57	W	4	o	29.96	+ .24	61	53	— 2	N	1	bc	*	o	*	64	50	0.03
	Shields	29.74	60	WSW	6	bc	29.93	+ .18	57	52	— 7	N	4	bc	3	b, bc	*	65	49	—
	Spurn Head ...	29.79	60	W	7	cq	29.87	+ .06	57	53	— 4	NW	5	cpq	4	cq	*	64	52	0.01
	York	29.84	60	W	4	b	29.92	+ .07	56	51	— 4	N	3	o	*	b	8.5	67	50	—
	Loughborough ...	29.94	59	WNW	7	r	29.92	—.03	55	55	— 5	WNW	2	c	*	cpq, oq	*	64	51	0.22
British Islands	Ardrossan ...	29.79	59	W	4	opq	29.99	+ .18	58	54	+ 5	W	3	c	2	opq	*	59	52	0.09
	Malin Head ...	29.87	54	NW	10	orq	30.07	+ .16	54	53	+ 1	NNW	6	cq	5	orq	*	56	51	0.13
	Belmullet ...	30.17	59	WNW	7	o	30.18	+ .07	56	53	— 1	NW	3	o	*	bc, o	*	60	53	—
	Donaghadee ...	29.92	56	NW	6	o	30.03	+ .08	57	55	+ 1	NNW	6	c	4	o	*	60	52	0.07
	Liverpool (Bidston)	29.92	57	W	7	o	29.97	+ .04	56	54	— 1	WNW	4	o	4	o, pq	*	61	52	0.12
	Holyhead ...	30.01	60	W	7	cp	30.02	+ .02	55	54	— 7	NW	7	opq	5	cp	*	64	52	0.01
	Parsonstown ...	30.15	62	W	3	bc	30.19	+ .04	57	57	0	W	3	cq	*	bc	9.5	65	53	—
	Valencia ...	30.30	61	WNW	4	bc	30.28	+ .02	57	56	— 3	WNW	4	omq	4	bcq, bc	13.4	62	55	0.01
	Roche's Point ..	30.22	64	NW	5	b	30.23	+ .01	60	55	0	NNW	4	bc	3	b	*	66	55	—
	Pembroke (St. Ann's Hd.)	30.12	59	NW	4	bc	30.12	+ .03	56	54	— 3	NW	6	c	5	bc	10.7	62	52	—
	Scilly	30.24	63	NW	5	bc	30.20	.00	62	56	+ 1	NNW	5	bc	3	bc	9.8	65	56	—
	Prawle Point ...	30.13	64	NW	5	c	30.13	—.01	63	56	+ 4	NW	4	c	3	c	*	71	55	—
	Jersey (St. Aubin's)	30.17	64	W	5	b	30.16	—.07	62	55	0	WNW	3	o	3	p, b	*	66	58	0.01
	Hurst Castle ...	30.05	66	WNW	4	b	30.04	—.06	60	55	— 4	W	4	c	3	pq, bc, b	*	71	56	0.02
	Dungeness ...	29.93	68	WNW	5	bc	29.93	—.11	62	56	0	W	5	c	4	o, bcp	*	70	54	—
	North Foreland	29.92	66	WNW	4	bc	29.92	—.11	54	51	— 10	W	4	oq	3	r, bcq	*	70	52	0.18
	London (Brixton) ...	29.97	65	W	3	bc	29.95	—.09	55	53	— 5	NW	3	o	*	cp, bc, b	8.5	73	55	0.04
	Oxford	29.99	59	WNW	4	p	29.96	—.06	57	52	— 4	W	2	o	*	opq	*	69	54	0.01
	Cambridge ...	29.95	58	NW	3	o	29.91	—.06	56	54	— 6	NW	3	c	*	bc, opq	10.2	72	51	0.03
	Yarmouth ...	29.84	63	WNW	5	c	29.84	—.08	56	54	— 6	WNW	4	cq	3	cpq, c	*	67	50	0.07
Germany & Holland	Cuxhaven ...	29.71	60	WSW	4	r	29.62	—.31	54	54	+ 1	WSW	5	r	*	[illegible] r	*	60	52	0.71
	Berlin	29.86	55	WSW	4	r	29.78	—.23	58	54	+ 3	W	4	c	*	r	*	63	55	0.08
	Wiesbaden ...	*	*	*	*	*	29.94	—.25	59	55	+ 6	SW	4	b	*	*	*	70	53	0.04
	Munich	30.10	62	2	o	b	30.06	—.22	51	51	— 4	W	5	r	*	b	*	68	50	0.08
	The Helder ..	29.79	60	WNW	6	o	29.74	—.19	57	55	— 2	WNW	5	r	2	o	*	63	55	0.08
Belgium, France &	Brussels ...	*	*	*	*	*	29.92	—.25	55	51	— 5	WSW	5	o	*	c	*	71	50	0.24
	Cape Gris Nez	29.93	59	WNW	5	bc	29.90	—.16	56	52	— 3	WNW	6	o	6	bc	*	61	52	—
	Paris	30.07	69	W	3	o	30.07	—.19	57	53	— 2	WSW	2	c	*	o	*	75	51	—
	Brest	30.28	69	NNW	3	b	30.24	—.04	60	56	0	NW	3	b		b	*	66	55	—
	Lorient... ...																*			
	Rochefort ...	30.26	66	NW	5	b	30.28	—.04	62	59	+ 1	NNW	4	c	*	b	*	73	57	—
	Belfort	30.05	66	W	4	bc	30.04	—.22	55	52	— 2	W	6	o	*	bc	*	?	53	0.04
	Lyons	30.14	71	N	1	b	30.15	—.12	62	55	+ 1	NNW	2	c	*	b	*	75	56	—
	Nice	30.08	68	SW	1	bc	30.01	—.05	64	61	— 2	Z	0	bc	0	bc	*	79	61	—
	Perpignan ...	30.13	79	NW	3	b	30.16	—.09	70	60	0	NW	4	b	*	b	*	84	66	—
	Biarritz ...	30.26	68	NW	3	b	30.25	—.05	64	59	— 1	NNW	3	o	2	b	*	70	61	—
Penin-sula.	Corunna ...																*			
	Lisbon	30.02	77	NNW	5	b	30.08	—.07	78	65	+ 1	NNE	3	b	*	b	*	91	72	—
	Azores (P. Delgada)	30.41	68	ENE	3	c	30.02	—.37	67	63	— 2	ENE	3	c	2	c	*	73	64	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday: Southport 3·9 hrs; Eastbourne 8·0 hrs.

WEATHER CHARTS

FOR Wednesday 1st July, 1896.

BAROMETER, WIND AND SEA.

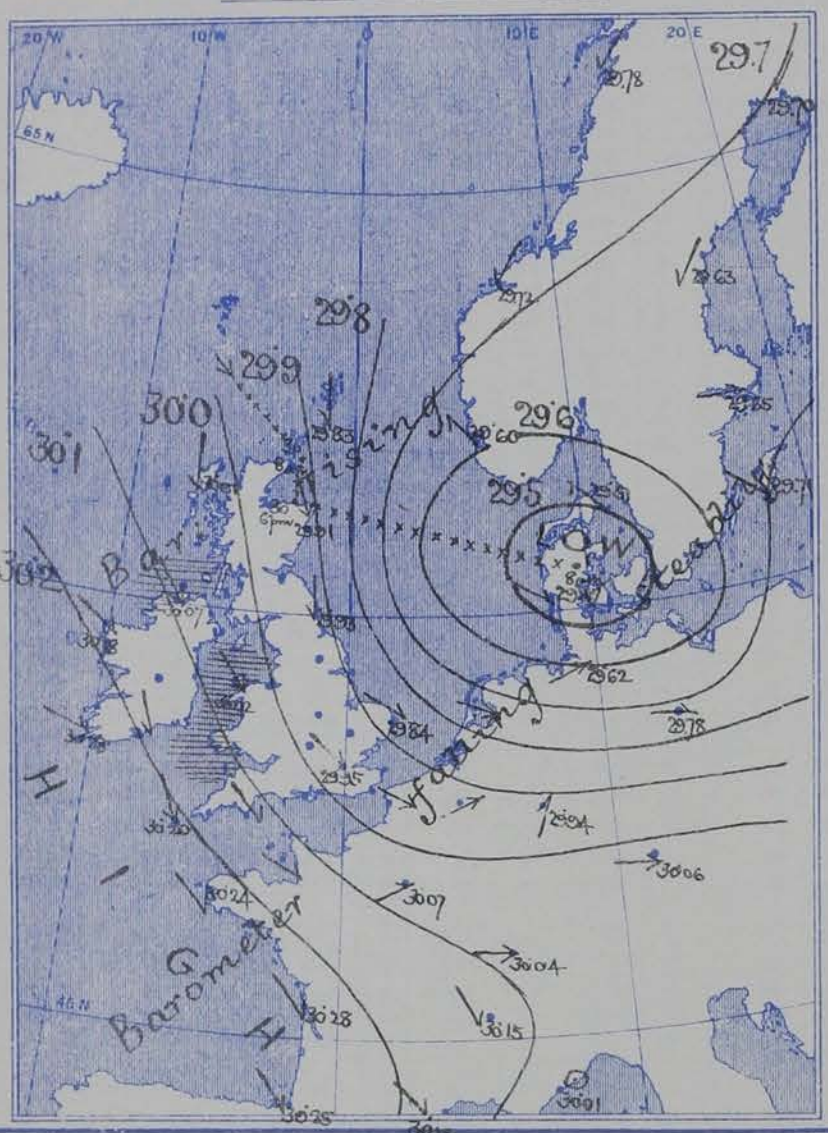
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ⟫⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▤ ; *High* ▤



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins. & upwards in an anticyclone stretching from the Atlantic over the SW. of Ireland, the Bay of Biscay, the W. of France and the North of Spain

Lowest 29·5 ins. & less in a well marked depression over Denmark; 29·6 ins & less in a shallow system over the S. part of the Gulf of Bothnia

Gradients moderate generally, but slight over France & also over Scandinavia.

Barometer rising over the northern parts of our islands, but falling elsewhere

TEMPERATURE

Highest (1) 78° at Lisbon, 70° at Perpignan and 64° at Nice and Biarritz; (2) 68° at Haparanda & 63° at Stockholm

Lowest (1) 49° at Tynemouth Hd., 51° at Bodö & Christiansund & 52° at Navn; (2) 51° at Munich, 52° at Cuxhaven & 55° at Belfort

During yesterday the thermometer rose to 70° and upwards at many of our southern stations & 67·3° in London; on our extreme N. & NW coasts it did not reach 60°

WIND

NW.ly over Ireland, England and France and strong in force on our northwest coasts

Moderate to fresh from the W.ard or SW.ard over Germany, the Netherlands and the south of Sweden, but NE.ly in other parts of Scandinavia

WEATHER

Cloudy over Western Europe generally, with passing showers at some of our more N.ly stations & with steady rain at Christiansund, the Helder, Cuxhaven & Munich

Fine & bright in the south of Sweden and also in the extreme south of France.

Showers fell yesterday in most part of NW. Europe, & a thunderstorm, with heavy rain & hail, occurred at Cuxhaven.

SEA

Moderate to smooth generally, but rough at Cape Gris Nez, and rather rough on some of the more exposed part of our western coasts

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which lay over Scotland yesterday has passed away to Denmark. There are at present no indications of the approach of any new disturbance, but small secondary systems will probably move southwards across our islands, and showery weather is therefore likely to continue in many places.

FORECASTS

For the 24 hours ending at NOON on 2nd JULY 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
↑ 0 SCOTLAND NORTH	N.ly winds, fresh, to NW.ly light; some showers at first, then fair.	↑ 6 SCOTLAND WEST	Same as Nos. 0 and 1.
1 SCOTLAND EAST		↑ 7 ENGLAND N.W.	NW.ly winds, strong at first, moderating later; changeable, some showers.
2 ENGLAND N.E.	Same as No. 5.	8 ENGLAND S.W.	NW.ly winds, moderate; fair at first, some showers later.
3 ENGLAND EAST		↑ 9 IRELAND NORTH	Same as No. 7.
4 MIDLAND COUNTIES		10 IRELAND SOUTH	Same as No. 8.
5 ENGLAND SOUTH	NW.ly winds, moderate or fresh; cool, changeable, some showers.	WARNINGS	The NORTH CONE is still flying in districts 6, 7, 9 and part of 0.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.69	57	48	NW	4	b	2
Sumburgh Head	29.60	53	50	E	3	c	4
Stornoway	29.60	55	54	NW	5	r	5
Aberdeen	29.65	63	55	NW	6	cq	3
Shields	29.75	61	56	WSW	5	b	2
Ardrossan	29.83	59	58	W	4	opq	4
Malin Head ...	29.89	55	55	NW	9	orq	6
Belmullet	30.16	60	55	WNW	6	bc	*
Holyhead	30.02	61	57	WNW	6	cp	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30.30	61	56	WNW	5	bcq	5
Scilly	30.21	64	59	NNW	5	bc	3
Jersey	30.17	66	61	W	6	bc	4
Hurst Castle ...	30.03	61	60	WNW	6	bc	3
Dungeness ...	29.92	63	61	WSW	6	o	5
North Foreland	29.94	59	58	W	3	r	2
London (Westminster)	29.93	72	59	WNW	4	bc	*
Yarmouth ...	29.84	65	59	WNW	5	cpq	3
Rochefort ...	30.30	72	67	NW	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning changeable and showery over our islands and the North Sea; dull over Northern and Central Europe generally, with rain at several of the Dutch, German and Russian stations. Fine and bright in most of the Southern Countries, but dull in Greece. Showers falling during day in all parts of N^W^ Europe & a thunderstorm, with heavy rain and hail, occurring at Cuxhaven.

Temperature risen a little in the eastern parts of Gt Britain, but fallen in nearly all other parts of Europe. Morning readings highest, (1) 80° at Athens, 79° at Oporto, 77° at Lisbon & 76° at Barcelona & Brindisi; (2) 75° at Archangel & 71° at Uleaborg. Lowest (1) 48° at Bodö, 50° at Christiansund & Faerder & 51° at Sumburgh Head; (2) 52° at Warsaw, Breslau & Prague. Remaining below 60° all day on our extreme N. & NW. coasts, but rising to between 70° & 73° in the south of England. Exceeding 75° in the South of France & reaching 84° at Perpignan & 91° at Lisbon.

Wind fresh to strong from the NW. in the west & entrance north of our islands, but from the W. or SW. on our southern & eastern coast, & also over the Netherlands. Light from the NE. over Finland to the Central parts of Scandinavia, NW^ly^ over the south of France, Denmark, Germany & Austria, W^ly^ in the south of Russia. Variable in Italy; light from the N^rd^ (NW. to NE.) over the southern parts of France; fresh from the NE. in Spain. Subsequently increasing to a strong fall from the NW. in the north of Ireland; veering to the N. in the north of Scotland.

Barometer highest 30·3 ins & upwards in an anticyclone stretching from the Atlantic over the Bay of Biscay to the west of France. Lowest 29.6 ins & less in a very shallow depression over the southern parts of Russia; 29·7 ins & less in a well marked disturbance over the north & East of Scotland. Latter system remaining almost stationary during day, but moving at night in an ESE^ly^ direction across the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday 2nd July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.73	70	7	0	b	29.72	+ .02	78	70	+ 10	N	2	b	*	b	*	81	59	—
	Hernösand ...	29.71	64	7	0	c	29.58	— .05	64	62	+ 2	NE	2	o	*	c	*	72	55	0.08
	Stockholm ...	29.70	62	7	0	o	29.63	— .02	63	58	0	7	0	o	*	o	*	72	52	—
	Wisby	29.71	59	NW	4	b	29.67	— .04	60	55	+ 1	SW	4	o	*	b	*	63	54	—
	Karlstad ...	29.68	66	S	2	b	29.62	— .03	59	56	0	SSW	2	o	#	b	*	*	*	—
	Bodö	29.78	55	7	0	b	29.82	+ .04	57	53	+ 6	7	0	bc	0	b	*	57	50	—
	Christiansund ...	29.79	54	NNE	3	c	29.84	+ .12	51	49	0	NE	4	f	2	c	*	57	50	0.12
	Skudesnaes ...	29.71	56	NNW	6	c	29.69	+ .09	52	51	— 6	NNW	6	f	2	bc, c	*	64	50	*
	Færder (Christiania Fjord)	29.69	57	NE	1	o	29.65	+ .03	58	56	+ 4	NNE	2	c	1	o	*	59	54	0.08
	Skagen (The Scaw)	29.67	62	E	2	bc	29.64	+ .13	61	56	+ 2	S	2	c	0	bc	*	72	55	—
	Fanö	29.65	53	7	0	bc	29.60	+ .03	58	56	+ 2	NNW	2	b	*	bc	*	61	52	0.04
	Sumburgh Head	29.90	48	N	3	c	29.95	+ .02	50	49	+ 1	N	2	o	4	o	*	52	46	0.01
	Stornoway ...	30.04	53	N	3	o	29.92	— .09	53	48	0	S	3	bc	3	c, o	6.4	57	45	—
	Wick	29.98	51	N	2	c	29.93	.00	50	50	— 3	WNW	1	o	1	c	*	56	47	—
	Nairn	29.98	55	NNE	3	c	29.99	— .04	51	47	— 1	7	0	bc	1	c	*	57	45	0.01
	Aberdeen ...	29.98	52	NNW	4	cq	29.94	+ .03	51	45	— 3	NNW	2	cq	2	bcq, cq	7.7	57	48	0.01
British Islands.	Leith	29.97	61	ESE	2	o	29.95	— .01	57	51	— 4	7	0	o	*	o	*	67	50	0.01
	Shields	29.99	54	N	3	c	29.94	+ .01	55	51	— 2	N	2	c	4	c	*	58	49	—
	Spurn Head ...	29.99	57	N	3	bcv	29.94	+ .07	57	54	0	NW	2	c	3	bcv	*	60	53	—
	York	30.00	61	WNW	1	o	29.95	+ .03	56	52	0	N	2	bc	*	o	4.8	65	50	—
	Loughborough ...	30.02	60	NW	3	c	29.99	+ .07	56	53	+ 1	W	3	cw	*	c, o, c, o	*	64	48	—
	Ardrossan ...	30.03	54	W	4	c	29.95	— .04	55	52	— 3	W	1	o	1	c	*	61	49	0.09
	Malin Head ...	30.11	55	N	4	bc	29.95	— .12	54	54	0	W	3	rw	2	bc	*	57	51	0.27
	Belmullet ...	30.16	58	WNW	3	c	30.01	— .17	55	54	— 1	W	3	o	*	rw, o	*	58	52	0.25
	Donaghadee ...	30.11	57	NNW	6	bc	29.99	— .04	55	53	— 2	SW	3	o	2	bc	*	63	50	0.21
	Liverpool (Bidston)	30.26	58	WNW	6	b	29.99	+ .02	55	51	— 1	WNW	1	o	2	b, r	*	60	52	0.13
	Holyhead ...	30.11	56	N	4	b	30.00	— .02	55	54	0	SW	2	rw	1	bc, b	*	60	51	0.15
	Parsonstown ...	30.17	60	W	1	r	30.06	— .13	56	55	— 1	7	0	or	*	c, r	1.7	63	56	0.07
	Valencia ...	30.25	59	WNW	3	ogm	30.12	— .16	58	56	+ 1	W	3	rw	3	rw, q	0.1	61	56	0.04
	Roche's Point ..	30.20	62	NW	3	o	30.09	— .14	60	58	0	WNW	3	o	3	o	*	63	57	—
	Pembroke (St. Ann's Hd.)	30.15	60	NW	4	c	30.06	— .06	57	57	+ 1	NW	4	cq	4	c	1.2	?62	56	0.05
	Scilly	30.22	62	WNW	4	c	30.12	— .08	64	63	+ 2	NW	4	cpm	3	bc, c	8.5	64	58	0.01
	Prawle Point ...	30.14	64	W	5	c	30.07	— .06	58	57	— 5	WSW	3	p	2	c	*	68	53	0.01
	Jersey (St. Aubin's)	30.15	68	WNW	5	bc	30.10	— .06	61	58	— 1	W	4	cq	3	b, bc	*	65	55	—
	Hurst Castle ...	30.07	68	WNW	1	p	30.04	.00	52	53	— 6	WNW	1	rw	1	cu, p	*	66	51	0.23
	Dungeness ...	30.00	59	NNW	2	op	29.98	+ .05	55	52	— 7	WNW	3	c	2	ob, op	*	65	46	0.02
	North Foreland	30.01	60	E	1	c	29.98	+ .06	55	52	+ 1	W	3	o	2	c	*	63	51	—
	London (Brixton) ...	30.03	59	W	3	o	30.01	+ .06	53	51	— 5	NW	1	od	*	op, o, b	0.9	63	47	0.04
	Oxford	30.06	57	NNW	2	b	30.02	+ .06	54	51	— 3	WSW	1	r	*	p, b	*	61	49	0.01
	Cambridge ...	30.02	58	N	1	o	29.98	+ .07	54	52	— 2	NW	1	o	*	o	2.0	63	45	—
	Yarmouth ...	29.96	60	NW	3	b	29.94	+ .10	54	51	— 2	NW	2	c	3	bc, b	*	60	50	0.01
Germany & Holland.	Cuxhaven ...	29.70	56	W	3	o	29.65	+ .03	53	51	— 1	WSW	4	r	*	o, r	*	56	52	0.51
	Berlin	29.79	56	W	3	c	29.81	+ .03	56	51	— 2	WSW	4	c	*	c	*	64	51	0.24
	Wiesbaden ...	*	*	*	*	*	30.00	+ .06	55	50	— 4	SW	2	bc	*	*	*	66	51	0.04
	Munich	30.08	53	W	6	b	30.05	— .01	55	51	+ 4	W	6	o	*	b	*	68	50	0.28
	The Helder ...	29.90	56	NW	6	c	29.87	+ .13	55	51	— 2	NW	6	c	3	c	*	59	52	0.32
Belgium.	Brussels ...	*	*	*	*	*	30.00	+ .08	50	49	— 5	SE	1	r	*	b	*	60	46	0.32
	Cape Gris Nez ...	29.99	56	ENE	2	o	29.96	+ .06	54	51	— 2	N	4	m	4	o	*	59	52	?0.12
	Paris	30.08	61	W	3	c	30.05	— .02	59	53	+ 2	NW	3	c	*	c	*	66	56	0.08
	Brest	30.22	62	NW	3	bc	30.15	— .09	60	57	0	NW	2	c	2	bc	*	64	55	—
	Lorient	30.20	63	NW	4	bc	30.16		59	58		NW	3	bc	2	bc	*	70	52	—
France &	Rochefort ...	30.22	66	NW	6	bc	30.20	— .08	63	59	+ 1	NE	2	c	*	bc	*	70	55	—
	Belfort	30.06	53	W	2	c	30.04	.00	53	51	— 2	W	1	o	*	c	*	67	50	0.12
	Lyons	30.10	65	NW	1	c	30.13	— .02	59	53	— 3	NW	1	c	*	c	*	71	53	—
	Nice	29.83	69	7	0	b	29.90	— .11	68	56	+ 4	7	0	bc	0	b	*	73	59	—
	Perpignan ...	30.06	74	NW	4	b	30.15	— .01	65	56	— 5	N	4	c	*	b	*	79	63	—
	Biarritz ...	30.23	66	NNW	4	b	30.19	— .06	61	59	— 3	SW	3	c	2	b	*	68	57	—
Peninsula.	Corunna ...																*			
	Lisbon	30.04	68	NNW	2	b	30.00	— .08	70	64	— 8	S	2	b	*	b	*	90	63	—
	Azores (P. Delgada)	30.41	67	NE	3	bc	30.42	+ .40	68	63	+ 1	NE	3	o	2	bc	*	72	64	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 6·0 hrs; Eastbourne 1·0 hrs.

WEATHER CHARTS

FOR Thursday, 2ND JULY. 1896.

BAROMETER, WIND AND SEA.

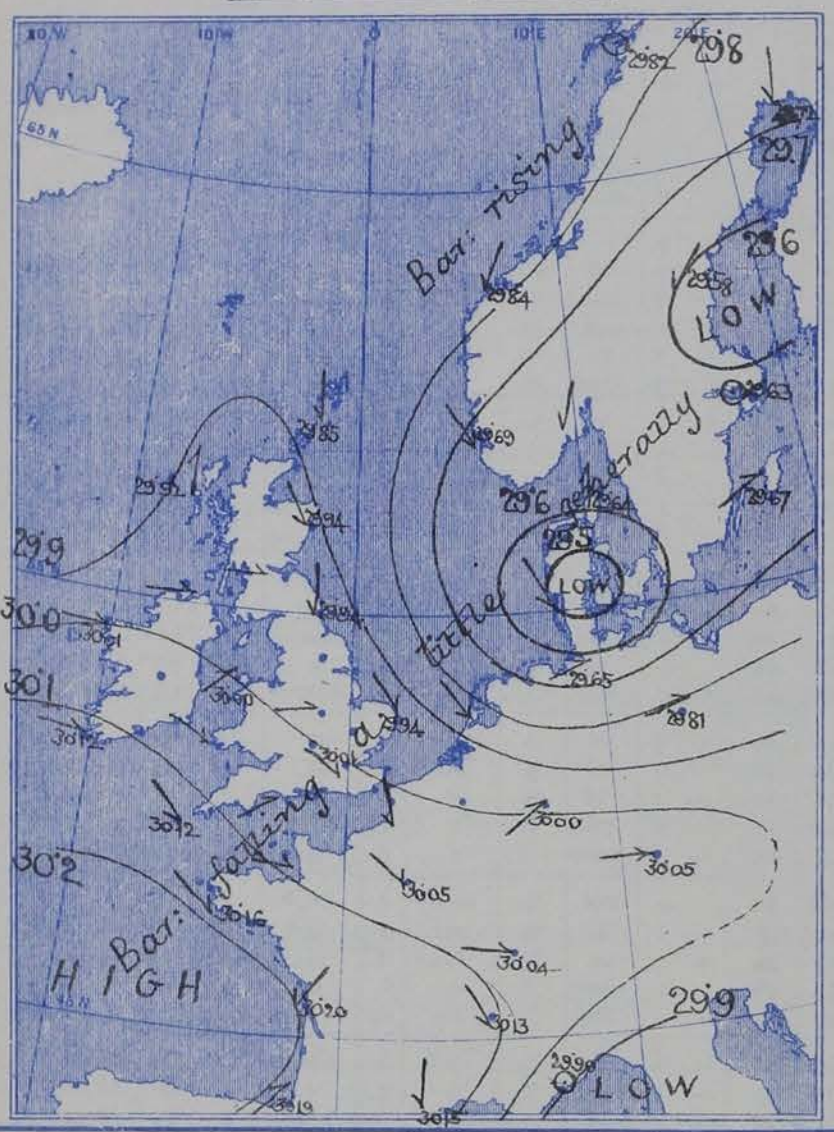
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; Force 5 to 7 ; } Calm ⊙

Force 8 to 10 ; Force 1 to 4 ; }

SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beautiful Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards in an anticyclone lying over the Bay of Biscay.

Lowest 29.6 ins. & less in two depressions,—one, a well marked system over Denmark, the other, a shallow system, over the southern part of the Gulf of Bothnia.

Gradients moderate over the North Sea, Denmark & North Germany, but slight elsewhere.

Barometer falling a little over Western Europe generally, but rising in the west of Norway.

TEMPERATURE

Highest (1) 78° at Haparanda, 64° at Hernösand & 63° at Stockholm; (2) 70° at Piston, 68° at Nice & 65° at Perpignan.

Lowest (1) 50° at Sumburgh Head & Wick, and 51° at Christiansund, Navin & Aberdeen; (2) 50° at Brussels & 53° in London & at Cuxhaven & Belfort.

The maxima registered yesterday were below 60° at several of our own N° stations & very little above 65° even in the extreme south. In Sweden the thermometer exceeded 70° at Haparanda & reached 81°.

WIND

Light from the W.wd or SW.wd in Ireland & the west of Scotland, and from the S.wd in the Hebrides.

Light & moderate from the NW.wd over the North Sea & the eastern & southern parts of Great Britain, as well as in France & the Netherlands.

W.by or SW.by over Germany & the Baltic; N.by or NE.by at most of the Scandinavian stations.

WEATHER

Cloudy or dull in most places with rain at several of our own W° and S° stations & also at Brussels & Cuxhaven; fog in the west of Norway.

Fair in the north of Scandinavia & at some stations in the North of Scotland, as well as in the south of France.

Rain fell yesterday in many parts of western Europe, and a thunderstorm occurred in the afternoon at Dunkerque.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Denmark has remained almost stationary & is now inclined to fill up. A new disturbance has appeared off our extreme northwest coast, & is likely to move eastwards, so that rain is probable in most parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 3rd JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.by and SW.by winds, moderate; dull, unsettled, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as N° 5.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW.by to SW.by winds, light; cool, changeable, some rain.
6	SCOTLAND WEST	W.by and SW.by winds, freshening; unsettled, rain at times.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W.by winds, moderate; cloudy, showery.
9	IRELAND NORTH	W.by to NW.by winds, freshening, unsettled, rain at times.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·65	64	53	NNW	6	bc	2
Sumburgh Head	29·88	49	47	N	4	o	4
Stornoway	30·03	56	51	N	3	c	3
Aberdeen	29·96	56	49	N	6	bcq	5
Shields	29·97	57	52	NNE	4	c	4
Ardrossan	30·01	59	56	W	4	c	3
Malin Head ...	30·11	57	56	NNW	4	bc	4
Belmullet	30·18	58	57	NW	3	om	*
Holyhead	30·11	59	55	NNW	5	bc	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WE'	SEA.
Valencia	30·27	60	58	WNW	3	om	4
Scilly	30·22	63	59	NW	3	bc	3
Jersey	30·16	65	56	VNW	5	b	4
Hurst Castle ...	30·05	65	59	W	5	cw	3
Dungeness ...	29·97	63	58	WNW	5	otl	4
North Foreland	29·99	59	55	NNE	2	c	3
London (Westminster)	30·00	60	57	W	3	op	*
Yarmouth ...	29·94	60	54	NNW	4	bc	3
Rochefort ...	30·25	68	63	NW	5	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy and unsettled over the greater part of Western, Northern & Central Europe, with showers at some of our own northern stations and with steady rain in several parts of Germany and Russia, as well as at Christiansund. Fine over Southern Europe & the Mediterranean. Showers falling later in many parts of the United Kingdom and considerable amounts of rain over Germany and the Netherlands; thunderstorms occurring at Dungeness in afternoon.

Temperature fallen in Great Britain, the Netherlands and the north of France and also in the south of Russia; changed irregularly elsewhere. Morning readings highest (1) 78° at Lisbon and Constantinople & 77° at Palma, Brindisi & Sfax; (2) 75° at Archangel & 71° at St. Petersburgh. Lowest (1) 49° at Sumburgh Head, 51° at Bodö & Christiansund, & 52° at Nairn; (2) 51° at Munich, 54° at Cuxhaven & Le Mans. Daily maxima below 60° at most of our own northern stations & very little above 65° even in the extreme S.; thermometer exceeding 70° in Sweden & reaching 81° at Haparanda. Exceeding 70° also in the west & south of France & rising to 90° at Lisbon.

Wind moderate to strong from the NW. over the greater part of our islands & France & from the W. or SW. over Germany and the Netherlands; light from the E. over northern Russia, from the NE. at most of the Scandinavian stations & from the N^W. in the north of Scotland. Variable in Austria & Italy, NE. over the Spanish peninsula. Subsequently falling light on most of our own coasts & beginning to back to the W^W. in the extreme west.

Barometer highest 30·2 ins. & upwards in an anticyclone stretching from the Atlantic over the southwest of Ireland, the Bay of Biscay, the west of France & the north of Spain. Lower than 29·5 ins. and less in two depressions, one lying over Denmark and the other over the south of Russia, near Kharkov; 29·6 ins. and less in a shallow system over the southern part of the Gulf of Bothnia. New disturbance beginning to approach our extreme west coast in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday 3rd July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.60	70	N	2	bc	29.73	+ .01	75	67	— 3	NW	2	c	*	bc	*	91	59	—
	Hernösand ...	29.61	64	NE	2	r	29.69	+ .11	59	58	— 5	SE	2	f	*	br	*	77	57	0.39
	Stockholm ...	29.69	59	2	0	b	29.72	+ .09	64	57	+ 1	SSW	2	b	*	b	*	68	57	0.04
	Wisby	29.75	57	SSW	4	b	29.78	+ .11	62	55	+ 2	S	4	c	*	b	*	68	52	0.32
	Karlstad ...	29.69	58	N	1	b	29.69	+ .07	61	57	+ 2	ENE	3	0	*	b	*	*	*	—
	Bodö	29.76	61	NNE	2	b	29.71	— .11	74	63	+ 17	E	2	b	1	b	*	74	54	—
	Christiansund ...	29.75	55	NNE	4	bc	29.65	— .19	51	50	0	NE	4	r	2	bc	*	59	50	—
	Skudesnaes ...	29.65	52	NNW	6	f	29.66	— .03	53	50	+ 1	N	4	of	2	f	*	57	48	*
	Færder (Christiania Fjord)	29.62	60	SSW	2	bc	?	?	60	58	+ 2	NNE	2	b	1	bc	*	61	58	0.04
	Skagen (The Scaw)	29.67	62	S	1	b	29.67	+ .03	58	55	— 3	Z	0	0	0	b	*	68	50	0.08
	Fanö	29.63	55	NW	2	c	29.68	+ .18	55	54	— 3	NW	4	0	*	c	*	70	54	0.08
British Islands	Sumburgh Head	29.79	52	NW	3	c	29.72	— .13	50	48	0	Z	0	0	3	0.c	*	53	47	—
	Stornoway ...	29.81	56	SSW	4	0	29.70	— .22	53	51	0	SW	4	0	4	0	1.9	56	50	—
	Wick	29.84	52	Z	0	b	29.73	— .20	55	52	+ 5	S	3	c	1	b	*	62	48	—
	Nairn	29.81	61	E	1	bc	29.71	— .22	59	57	+ 8	Z	0	bc	1	bc	*	62	47	—
	Aberdeen ...	29.86	53	SE	2	bc	29.75	— .19	58	53	+ 7	ESE	2	bc	1	b,bc	4.8	59	41	—
	Leith	29.84	69	WSW	2	c	29.77	— .18	58	56	+ 1	SW	1	cd	*	c	*	66	53	0.01
	Shields	29.88	55	E	1	bc	29.80	— .14	57	56	+ 2	Z	0	f	3	b,bc	*	58	48	—
	Spurn Head ...	29.90	56	ENE	2	bcv	29.85	— .09	62	60	+ 5	W	3	c	3	bcv	*	62	52	—
	York	29.89	62	SSE	2	bc	29.85	— .10	57	57	+ 1	S	1	0	*	bc	8.0	69	49	0.01
	Loughborough ...	29.91	61	W	3	c	29.89	— .10	60	58	+ 4	WSW	2	omw	*	c,bc,om	*	67	52	—
	Ardrossan ...	29.88	59	S	1	0	29.80	— .15	56	54	+ 1	WSW	2	0	2	0	*	61	52	—
	Malin Head ...	29.85	58	SW	2	or	29.78	— .17	55	55	+ 1	WSW	4	0	2	or	*	58	53	0.24
	Belmullet ...	29.92	59	W	4	c	29.78	— .23	59	56	+ 4	W	5	0	*	om,c	*	62	53	0.05
	Donaghadee ...	29.91	56	SW	2	or	29.85	— .14	57	55	+ 2	W	2	0	0	or	*	60	52	0.03
	Liverpool (Bidston)	29.93	57	W	2	0	29.87	— .12	61	56	+ 6	WNW	2	b	2	0.r	*	61	54	0.03
	Holyhead ...	29.94	56	SSW	1	odm	29.89	— .11	61	58	+ 6	W	3	bc	2	omd	*	61	54	0.06
	Parsonstown ...	29.93	63	SW	1	0	29.88	— .18	59	54	+ 3	S	1	c	*	0	0.0	65	57	0.09
	Valencia ...	30.02	60	WSW	3	rm	29.92	— .20	59	58	+ 1	S	2	omq	3	om,rm	0.0	62	56	0.17
	Roche's Point ..	29.99	62	WSW	3	c	29.96	— .13	60	57	0	SW	2	c	3	r,c	*	63	56	0.02
	Pembroke (St. Ann's Hd.)	30.00	56	NW	4	0	29.94	— .12	58	57	+ 1	W	3	0	3	0	0.1	58	55	0.12
	Scilly	30.07	60	WSW	4	0	30.01	— .11	62	61	— 2	WNW	3	0	3	or,0	0.2	64	58	0.02
	Prawle Point ...	30.02	58	WSW	3	r	29.98	— .09	61	60	+ 3	WSW	2	dm	2	p,dm	*	61	56	0.08
	Jersey (St. Aubin's)	30.05	59	W	3	rgm	30.02	— .08	61	60	0	WSW	4	ogmp	3	ogr	*	62	58	0.24
	Hurst Castle ...	29.97	61	NW	2	ow	29.96	— .08	63	61	+ 9	WSW	3	c	2	om,ow	*	63	?54	0.10
	Dungeness ...	29.92	58	WSW	4	bc	29.92	— .06	60	58	+ 5	WSW	2	0	2	0.bc	*	65	49	—
	North Foreland	29.92	62	WNW	3	c	29.92	— .06	60	57	+ 5	W	2	c	2	c	*	63	51	—
	London (Brixton) ...	29.93	62	WSW	2	c	29.94	— .07	61	58	+ 8	W	1	0	*	od,bc,0	1.1	65	53	—
	Oxford	29.94	58	W	1	0	29.91	— .11	62	58	+ 8	SW	2	0	*	op	*	62	53	—
	Cambridge ...	29.89	64	WNW	1	0	29.91	— .07	58	57	+ 4	WSW	1	d	*	c,0	4.3	66	49	—
	Yarmouth ...	29.90	59	ENE	2	b	29.87	— .07	59	55	+ 5	WNW	2	bc	3	c,b	*	60	47	—
Germany & Holland	Cuxhaven ...	29.68	56	W	6	0	29.73	+ .08	55	55	+ 2	NW	4	r	*	0.r	*	56	52	0.95
	Berlin														*		*			
	Wiesbaden ...	*	*	*	*	*	29.98	— .02	54	52	— 1	SW	1	0	*	*	*	61	47	0.08
	Munich... ..	30.02	54	NW	2	c	30.03	— .02	49	49	— 6	SW	3	r	*	c	*	63	48	0.83
	The Helder ...	29.86	56	NW	4	c	29.87	— .00	56	52	+ 1	NW	3	bc	1	c	*	57	54	—
France & Belgium.	Brussels ...	*	*	*	*	*	29.96	— .04	52	52	+ 2	SW	3	f	*	c	*	59	48	0.24
	Cape Gris Nez...	29.93	58	W	4	b	29.91	— .05	58	56	+ 4	W	2	0	2	b	*	59	52	—
	Paris	29.98	57	SW	2	r	29.98	— .07	57	57	— 2	SW	2	0	*	r	*	66	55	0.12
	Brest	30.10	61	NW	2	0	30.06	— .09	60	60	0	WSW	2	0	2	0	*	64	55	0.08
	Lorient... ...	30.11	61	WNW	4	0	30.10	— .06	60	60	+ 1	W	4	0	3	0	*	64	54	—
	Rochefort ...	30.16	65	WNW	4	c	30.16	— .04	63	61	0	NW	4	c	*	c	*	73	59	—
	Belfort	30.02	52	WSW	3	r	29.99	— .05	55	52	+ 2	W	4	b	*	r	*	60	50	0.39
	Lyons	30.06	65	N	1	0	30.10	— .03	58	56	— 1	SSE	1	r	*	0	*	69	55	0.08
	Nice	29.89	69	SE	4	b	29.93	+ .03	66	55	— 2	Z	0	c	?	b	*	?79	?57	—
	Perpignan ...	30.08	75	NW	2	b	30.15	.00	68	60	+ 3	NW	2	bc	*	b	*	80	60	—
	Biarritz ...	30.17	68	NW	3	bc	30.17	— .02	65	61	+ 4	NW	1	0	2	bc	*	70	61	—
Penin-sula.	Corunna ...														*		*			
†	Lisbon	30.04	74	S	3	bc	30.05	+ .05	73	65	+ 3	SSW	2	b	*	bc	*	82	66	—
	Azores (P. Delgada)	30.42	66	NE	1	b	30.39	— .03	67	61	— 1	ENE	3	c	2	b	*	72	63	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5.0 hrs; Eastbourne 1.2 hrs.

WEATHER CHARTS

FOR ..... Friday 3rd July, ... 1896.

BAROMETER, WIND AND SEA.

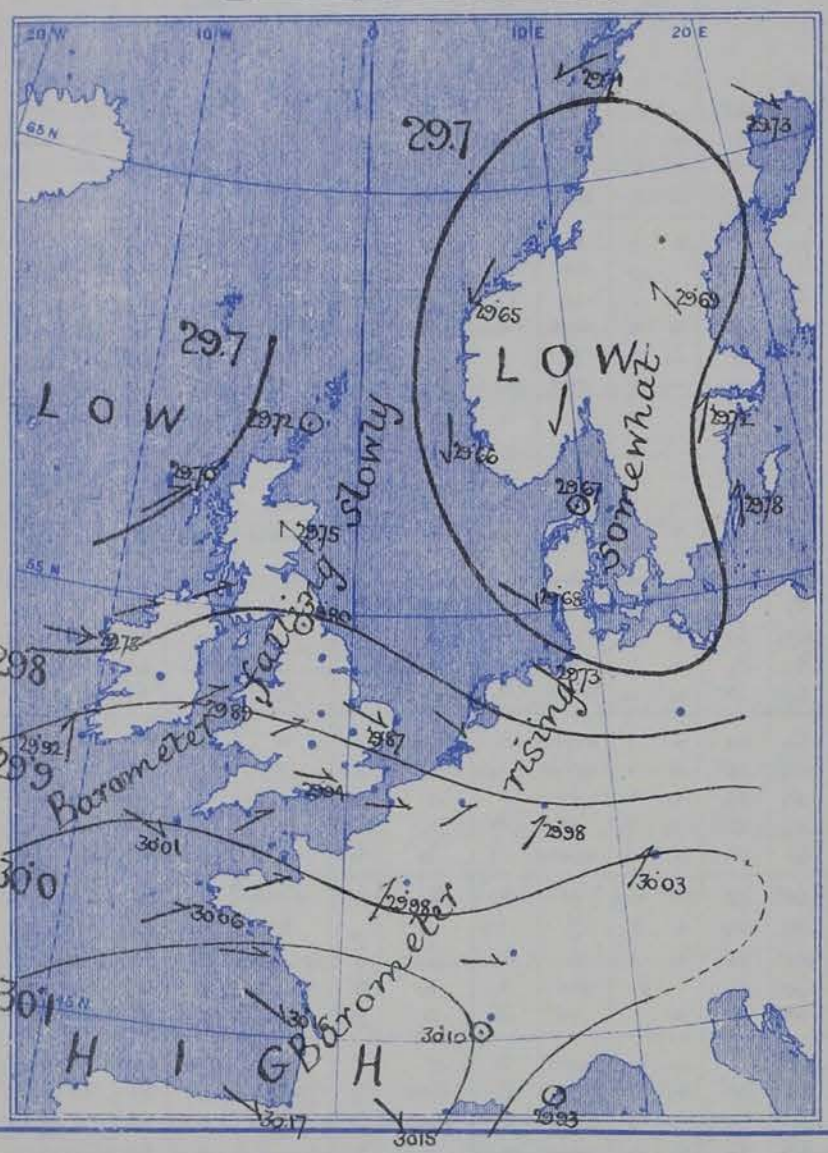
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟩⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

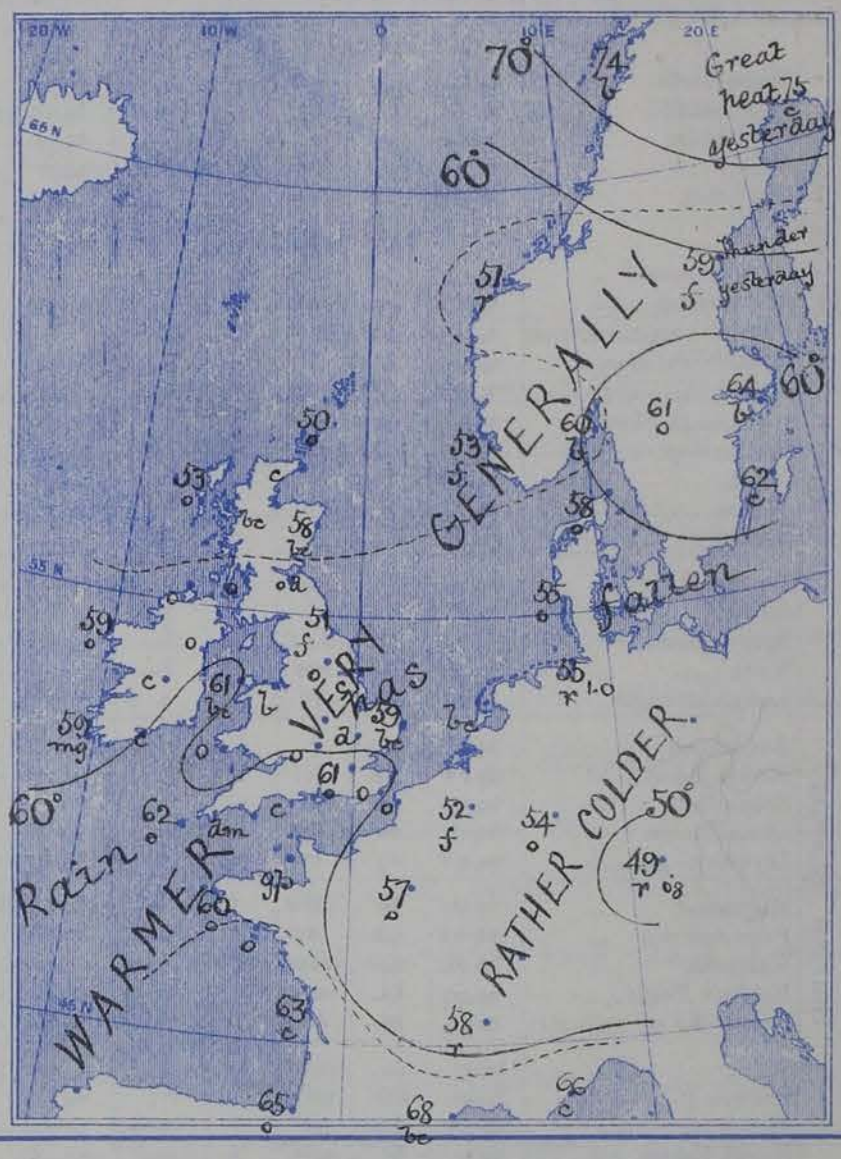


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—{ A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Means of Wet Bulb 8 a.m.	Means of Daily Maximum.	Means of Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 908	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins. & upwards in an anticyclone lying over the Bay of Biscay and the western and central parts of France.
Lowest, 29·7 ins. and less in a large shallow depression over Scandinavia and Denmark, and also in a smaller disturbance off the northwest of Scotland.
Gradients slight. Barometer falling a little in our islands, but rising at most of the Continental stations.

TEMPERATURE

Highest (1) 75° at Haparanda, 74° at Bodö and 64° at Stockholm; (2) 68° at Perpignan, 66° at Nice and 65° at Biarritz.
Lowest (1) 49° at Munich, 52° at Brussels & 54° at Wiesbaden; (2) 50° at Tumbugh Head, 51° at Christiansund & 53° at Skudenaes & Stornoway.
The highest maxima registered over our islands yesterday were 69° at York, 67° at Loughborough & 66° at Leith and Cambridge.
At Herniösand the thermometer rose to 77°, and at Haparanda to 91°.

WIND

Light to moderate from the W.wd or SW.wd over the greater part of our islands, the Netherlands, Germany and the north of France, but S. in the south of Ireland and also in the northeast of Scotland.
S. or SE. in Sweden, but N. or NE. in Norway and NW. in Denmark, as well as in the southwest of France.

WEATHER

Cloudy over Western Europe as a whole, with rain in many isolated places & with fog at Shields, Skudenaes and Brussels.
Fine in the northwest of England & the northeast of Scotland, as well as at some of the Scandinavian stations.
Rain fell yesterday in the W. & S. of our islands and at many of the Continental stations, the amount being large at Cuxhaven & Munich. Thunder was heard at Herniösand in the evening.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The backing of the wind to the S.wd in the south of Ireland seems to indicate the approach of a small secondary depression from the W.wd. Changeable weather is likely to continue over our islands, with rain in many places.

FORECASTS

For the 24 hours ending at NOON on 4TH JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. winds, light; fair at first, some rain later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW. winds, light; changeable, some rain.

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	W. to S. winds, light; unsettled, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W. to SW. winds, light or moderate, cloudy, some rain.
9	IRELAND NORTH	S. and SW. winds, freshening; cloudy, unsettled, some rain.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.66	51	54	NNW	6	f	2
Sumburgh Head	29.82	51	50	N	2	o	4
Stornoway	29.85	55	51	S	4	o	4
Aberdeen	29.88	51	49	NNE	2	b	2
Shields	29.90	56	51	NE	3	b	4
Ardrossan	29.90	60	58	SSW	1	o	1
Malin Head ...	29.88	57	57	WSW	2	o	1
Belmullet	29.92	61	60	W	5	om	*
Holyhead	29.97	57	55	WNW	3	oma	2
Valencia	30.04	61	61	WSW	4	om	4
Scilly	30.09	60	58	WNW	4	or	3
Jersey	30.05	61	60	W	5	o	3
Hurst Castle ...	29.98	59	58	W	2	om	1
Dungeness ...	29.98	61	58	WSW	5	o	4
North Foreland	29.94	61	54	WNW	3	c	2
London (Westminster)	29.95	61	55	WNW	2	o	*
Yarmouth ...	29.92	58	54	NE	2	c	3
Rochefort ...	30.17	71	65	WNW	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy or dull over the west, north and central parts of Europe generally, with rain at several of our own western and southern stations and also at Brussels, Cuxhaven and Lomborg. Fine in the northwest of Scotland as well as in Finland and the north of Scandinavia; fine also over the Spanish peninsula and the southern parts of France, Italy and Russia. Remaining unsettled all day in the west and south of our islands, but sky clearing in the east and southeast of Great Britain. Considerable amounts of rain falling in Sweden, Germany and the east of France and thunder occurring at Hernösand.

Temperature fallen in most places, but risen in the north of Scandinavia, as well as in Italy and the south of Russia. Morning readings highest (1) 81° at Oporto, 79° at Brindisi & 78° at Palma; (2) 78° at Haparanda, 74° at Kuopio and 73° at Archangel. Lowest (1) 50° at Sumburgh Head and Lock & 51° at Christiansound, Nairn & Aberdeen; (2) 50° at Brussels, 51° at Rumster & 53° at Cuxhaven and Belfort. Daily maxima below 65° at most of our own southern stations, but thermometer reaching 66° in London & at Leith, 67° at Loughborough & 69° at York. Exceeding 75° in the south of France and also in the north of Sweden and reaching 91° at Haparanda.

Wind light from the W^wd. or SW^wd. in Ireland and the west of Scotland and from the S^wd. in the Hebrides. Light to moderate from the NW. over the North Sea and the eastern parts of Great Britain as well as in France and the Netherlands; W^ly. or SW^ly. over Germany and the west and south of Russia; N^ly. or NE^ly. over the greater part of Scandinavia. Variable in Italy; fresh from the E. or NE. over the Spanish peninsula. Shifting later to the E^wd. over the eastern parts of Great Britain; no important change occurring elsewhere.

Barometer highest 30.2 ins. & upwards in an anticyclone lying over the Bay of Biscay. Lowest 29.5 ins. & less in two well marked depressions,—one lying over Denmark & the other over Central Russia; 29.6 & less in a shallow system over the southern parts of the Gulf of Bothnia; 29.9 ins. and less in three other systems lying respectively off the northwest of Scotland, over the Gulf of Genoa & over the Central parts of the Adriatic.

Danish depression filling up later, Scotch disturbance spreading southeastwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 4th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.70	72	2	0	bc	29.71	—·02	75	67	0	2	0	bc	*	bc	*	91	66	—
	Hernösand ...	29.69	60	S	2	r	29.67	—·02	63	60	+ 4	NW	2	o	*	r	*	72	57	—
	Stockholm ...	29.76	59	2	0	o	29.71	—·01	66	58	+ 2	SE	4	b	*	o	*	70	54	—
	Wisby	29.80	55	S	4	b	29.71	—·07	62	54	0	S	4	c	*	b	*	66	46	—
	Karlstad ...	29.68	63	SE	2	b	29.64	—·05	62	57	+ 1	SE	2	b	*	b	*	*	*	—
	Bodö	29.70	71	E	4	bc	29.65	—·06	69	61	— 5	E	4	c	2	bc	*	81	55	—
	Christiansund ...	29.64	55	N	2	f	29.61	—·04	55	53	+ 4	W	2	f	2	f	*	?	51	0·24
	Skudesnaes ...	29.68	55	2	0	c	29.60	—·06	52	51	— 1	WNW	4	r	2	c	*	58	50	*
	Færder (Christiania Fjord)	29.65	63	WSW	2	bc	29.60	?	61	58	+ 1	SE	2	c	1	bc	*	63	59	—
	Skagen (The Scaw)	29.68	57	2	0	r	29.60	—·07	58	56	0	2	0	r	0	r	*	66	50	0·28
	Fanö	29.70	53	WNW	5	c	29.57	—·11	54	52	— 1	SSE	2	o	*	c	*	59	52	0·04
British Islands.	Sumburgh Head	29.60	51	SSW	2	c	29.56	—·16	50	50	0	2	0	r	3	c	*	56	48	0·03
	Stornoway ...	29.55	53	SSW	4	r	29.58	—·12	52	51	— 1	SW	3	o	3	r	0·0	55	49	0·17
	Wick	29.57	53	2	0	o	29.61	—·12	55	53	0	NW	2	c	1	o	*	59	48	0·06
	Nairn	29.56	57	2	0	o	29.62	—·09	56	53	— 3	W	2	bc	1	o	*	67	49	0·12
	Aberdeen ...	29.57	61	W	2	o	29.65	—·10	58	52	0	W	2	bc	1	org	3·7	65	53	0·03
	Leith	29.67	59	W	3	o	29.73	—·04	56	52	— 2	W	2	o	*	o	*	62	51	0·03
	Shields	29.69	57	SW	2	o	29.79	—·01	56	53	— 1	SW	3	o	2	cm, op	*	68	52	0·04
	Spurn Head ...	29.72	65	W	3	o	29.85	·00	59	57	— 3	W	5	c	4	c, op	*	72	55	—
	York	29.76	60	W	3	o	29.85	·00	58	54	+ 1	W	3	c	*	o	4·5	72	54	0·03
	Loughborough ...	29.79	65	W	3	r	29.95	+·06	60	56	0	W	5	bcqv	*	cq, or, c	*	76	54	0·04
	Ardrossan ...	29.66	61	W	4	c	29.76	—·04	55	53	— 1	SSW	4	op	4	r, c	*	63	52	0·07
	Malin Head ...	29.67	57	W	7	o	29.70	—·08	54	54	— 1	SW	6	orm	3	o	*	60	53	0·14
	Belmullet ...	29.82	60	WSW	6	c	29.82	+·04	58	56	— 1	SW	7	om	*	b, c	*	62	56	0·08
	Donaghadee ...	29.74	64	WNW	4	c	29.85	·00	54	53	— 3	SW	3	r	1	c	*	65	53	0·07
	Liverpool (Bidston)	29.77	62	W	4	c	29.93	+·06	57	52	— 4	W	6	o	5	a, p	*	64	55	0·06
	Holyhead ...	29.78	62	WSW	4	cp	29.95	+·06	55	54	— 6	SW	4	ogm	3	rm, cp	*	62	53	0·04
	Parsonstown ...	29.87	61	W	2	c	29.95	+·07	59	55	0	SW	3	o	*	c	4·5	66	54	0·03
	Valencia ...	29.99	65	WSW	5	cm	30.05	+·13	62	58	+ 3	SW	5	cm	5	cm, om	5·6	63	54	0·19
	Roche's Point ..	29.94	64	WNW	4	bc	30.03	+·07	62	58	+ 2	WNW	4	b	4	r, bc	*	69	52	0·05
	Pembroke (St. Ann's Hd.)	29.86	60	WNW	6	o	30.07	+·13	58	56	0	WNW	5	bm	4	o	2·7	62	56	0·05
	Scilly	30.01	63	WSW	4	o	30.15	+·14	64	60	+ 2	WSW	3	c	3	omp, o	1·0	67	59	—
	Prawle Point ...	29.97	60	WSW	4	r	30.14	+·16	60	58	— 1	WSW	5	bc	4	rm, f	*	65	55	0·04
	Jersey (St. Aubin's)	30.04	63	WSW	5	cm	30.19	+·17	63	59	+ 2	WNW	4	bcm	3	gmp, af	*	64	58	0·13
	Hurst Castle ...	?29.90	63	SW	6	p	30.09	+·13	64	58	+ 1	W	4	bc	3	c, p	*	68	58	0·01
	Dungeness ...	29.83	51	SW	5	c	30.02	+·10	65	59	+ 5	WNW	5	bc	4	c, p	*	66	56	0·11
	North Foreland	29.84	66	SW	3	c	29.99	+·07	62	56	+ 2	W	4	bc	3	c	*	71	58	0·12
	London (Brixton) ...	29.83	71	WSW	3	c	30.02	+·08	62	55	+ 1	W	3	bc	*	c, or, b	3·2	77	55	0·10
	Oxford	29.84	62	SW	3	o	30.03	+·12	60	55	— 2	WSW	3	c	*	c, op	*	72	53	0·10
	Cambridge ...	29.79	68	WSW	4	o	29.97	+·06	60	54	+ 2	W	4	c	*	c, o	4·1	77	53	0·04
	Yarmouth ...	29.75	64	SW	2	c	29.89	+·02	60	55	+ 1	WNW	5	cq	3	bc, c	*	70	54	0·01
Germany & Holland.	Cuxhaven ...	29.78	56	WNW	3	o	29.54	—·19	56	56	+ 1	W	5	r	*	o, r	*	57	52	0·79
	Berlin	29.83	58	W	2	c	29.67		56	54		SSW	3	r	*	c	*	64	53	—
	Wiesbaden ...	*	*	*	*	*	29.82	—·16	63	59	+ 9	SW	4	bc	*	*	*	66	54	0·08
	Munich... ..	30.12	54	2	0	c	30.02	—·01	56	54	+ 7	SW	4	r	*	c	*	59	49	?2·80
	The Helder ...	29.80	60	SW	1	o	29.82	—·05	59	55	+ 3	WNW	6	o	4	o	*	63	56	0·04
Belgium.	Brussels ...	*	*	*	*	*	29.96	·00	61	55	+ 9	WNW	5	o	*	o	*	68	52	0·08
	Cape Gris Nez...	29.86	59	W	6	m	29.86	—·05	57	56	— 1	WNW	5	bc	5	m	*	63	54	0·32
	Paris	30.01	68	SW	3	c	30.12	+·14	62	58	+ 5	WNW	4	c	*	c	*	72	57	0·20
	Brest	30.11	62	WSW	3	f	30.22	+·16	60	57	0	NW	2	b	2	f	*	63	54	—
	Lorient... ...	30.13	62	W	4	o	30.23	+·13	60	59	0	WNW	2	bc	2	o	*	66	54	—
France &	Rochefort ...	30.21	67	WNW	5	c	30.28	+·12	64	63	+ 1	W	4	c	*	c	*	72	61	—
	Belfort	30.09	59	WSW	2	o	30.06	+·07	57	57	+ 2	NW	8	r	*	o	*	67	58	0·08
	Lyons	30.21	62	NW	1	o	30.23	+·13	60	57	+ 2	SSE	1	m	*	o	*	66	56	0·32
	Nice	29.97	72	NE	1	b	30.10	+·17	67	62	+ 1	2	0	b	1	b	*	77	57	—
	Perpignan ...	30.16	75	NW	4	b	30.27	+·12	68	61	0	2	0	b	*	b	*	82	59	—
	Biarritz ...	30.25	70	NNW	2	b	30.29	+·12	64	59	— 1	2	0	b	2	b	*	72	57	—
Peninsula.	Corunna ...																*			
	Lisbon	30.05	78	N	4	b	30.09	+·04	77	65	+ 4	NE	4	b	*	b	*	91	73	—
	Azores (P. Delgada)	30.39	69	NE	4	c	30.36	—·03	69	63	0	NE	4	c	2	c	*	78	69	—

Erratum. The Rainfall for Malin Hd. in yesterday's report should be 0·12

† *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 2·9 hrs; Eastbourne 2·0 hrs.

WEATHER CHARTS

FOR Saturday, 4th July, 1896.

BAROMETER, WIND AND SEA.

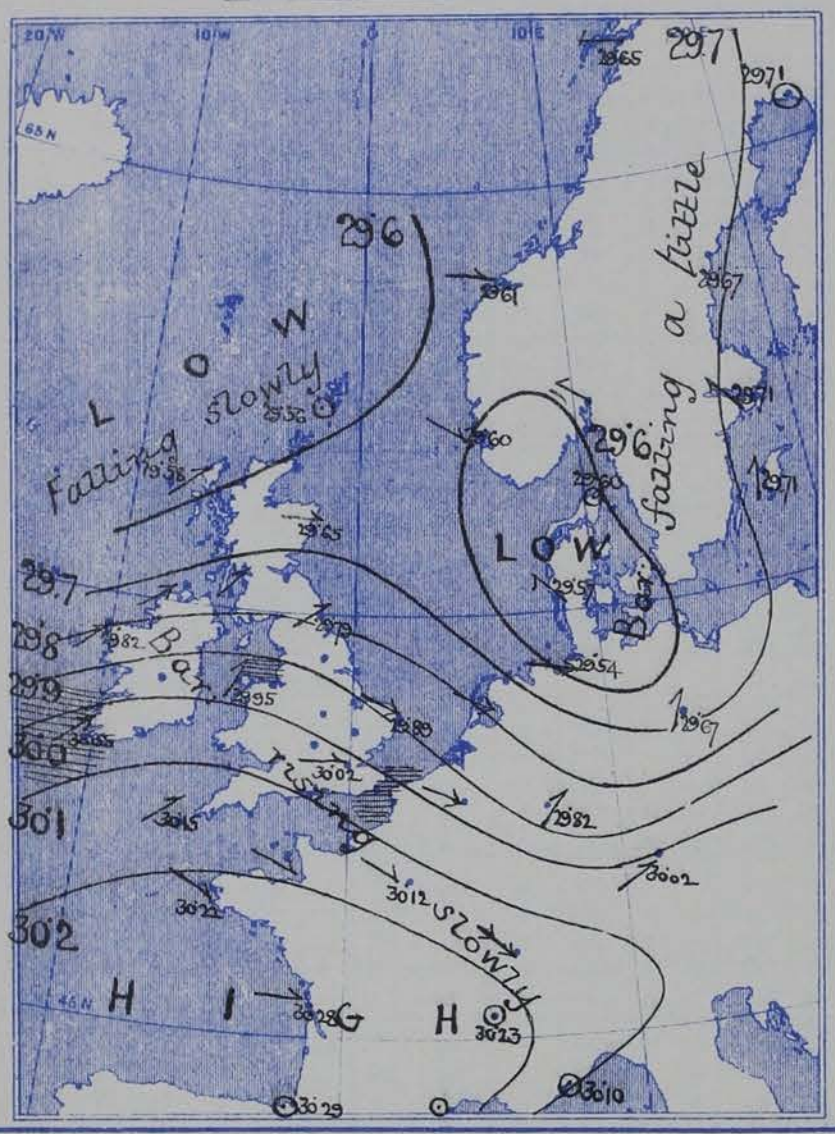
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩


20°W
10°W
0
10°E
65 N
55 N
45 N
29·7
1965
2971
29·6
LOW
Falling slowly
1956
1960
1967
1971
1995
1989
1982
2002
29·8
29·9
30·0
30·1
30·2
3015
3022
3012 SLOWLY
3028
3023
3029
3010
H
I
G
H
Rain
Squalls
Squalls
Rain
Squalls
Squalls
Squalls

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. & upwards in an anticyclone lying over the Bay of Biscay, the western & central parts of France & the north of Spain.
Lowest 29·6 ins & less in two depressions,- one lying off the northwest of Scotland & the other over Denmark & the extreme south of Norway.
Gradients moderate over Ireland, England, the Netherlands and Germany, but slight elsewhere.
Barometer falling on our extreme north & northwest coasts, as well as in Scandinavia, Denmark & Germany, but rising elsewhere.

TEMPERATURE

Highest (1) 77° at Lisbon, 67° at Nice and 65° at Dungeness; (2) 75° at Haparanda, 69° at Bodö & 66° at Stockholm.
Lowest (1) 50° at Sumburgh Head, 52° at Shudesnaes & Stornoway, 54° at Jan & 55° at Christiansound; (2) 56° at Cuxhaven, Berlin & Munich.
During yesterday the thermometer rose to between 70° & 75° at most of the English stations, and to 77° in London & at Cambridge. At Bodö the thermometer reached 81°, while at Haparanda it again rose to 91°.

WIND

S.W.ly in Ireland and the west of Scotland, and strong in force on our extreme northwest Coast.
Light to fresh from the W.ward in all the more eastern & southern parts of our islands & from the N.W.ward over the greater part of France.
S.W.ly in Germany; S.E.ly in the south of Sweden; variable in the northern parts of Scandinavia.

WEATHER

Dull and rainy on our extreme northwest coast, but fine in most other parts of our islands & also in France.
Rainy in Germany as well as at Skagen and Shudesnaes; fine over the greater part of Sweden.
Rain fell yesterday in nearly all parts of western Europe, the amounts being slight as a rule but large at some of the German stations.

SEA

Rather rough at Liverpool & Valencia (Ireland) and also at Cape Finisterre, but moderate to smooth Elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new depression is approaching our northwest coasts, and changeable weather is therefore likely to continue over our islands generally, with freshening winds in the west & south, and with a gale at some of our northwestern stations.

FORECASTS

For the 24 hours ending at NOON on 5th JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W.ly to S.ly winds, light; fine at first, some rain later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S.W.ly winds; freshening; unsettled, some rain.
3	ENGLAND EAST	W.ly and S.W.ly winds, freshening; fair at first, showery later.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S.W.ly to W.ly winds, strong; a gale in places, squally, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	W.ly winds, fresh or strong; squally, showery.
9	IRELAND NORTH	Same as Nos 6 and 7.
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	At 10·20 a.m. to districts 6, 7, and 9 hoist SOUTH CONE.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.69	58	54	SSW	4	c	2
Sumburgh Head	29.65	56	51	SSW	2	bc	3
Stornoway	29.62	55	54	SW	4	r	4
Aberdeen	29.64	61	57	SSE	3	c	1
Shields	29.71	61	59	E	2	cm	3
Ardrossan	29.70	56	55	SSE	2	r	2
Malin Head ...	29.63	59	58	W	6	c	3
Belmullet	29.78	62	57	W	5	b	*
Holyhead	29.82	58	57	S	5	rm	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.96	63	58	WSW	5	cm	5
Scilly	30.01	64	62	WSW	4	opm	2
Jersey	30.05	63	62	W	4	opg	4
Hurst Castle ...	29.93	66	63	SW	5	c	4
Dungeness ...	29.92	64	61	SW	5	c	3
North Foreland	29.89	67	62	S	2	c	2
London (Westminster)	29.86	73	64	W	2	bc	*
Yarmouth ...	29.83	67	60	W	3	bc	3
Rochefort ...	30.20	69	66	NW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy and unsettled over western and Central Europe generally, with fog or rain in many isolated places; fine in the northwest of England and the northeast of Scotland, as well as at several of the Scandinavian and Baltic stations. Fine also over Southern Europe and the Mediterranean. Rain falling during day in all the more western and central countries - heavily in Germany.

Temperature risen in our islands and also in the north of Norway; changed rather irregularly elsewhere, but fallen in most places. Morning readings highest (1) 78° at Palma, 77° at Coutance, Lyons & Ajaccio, and 76° at Barcelona; (2) 77° at Ulleaborg, 75° at Haparanda & 74° at Bodo". Lowest (1) 49° at Munich, 51° at Münster & 52° at Brussels; (2) 50° at Sumburgh Head & 51° at Christiansund. Rising during day to 70° and upwards at most of the English stations & reaching 77° in London & at Cambridge. Exceeding 80° over the Spanish peninsula & the extreme south of France and also in the north of Scandinavia; reaching 91° at Lisbon & at Haparanda.

Wind light to moderate from the W. or SW. over our islands & the more central parts of the Continent; S. in Sweden; E. over the more northern parts of Finland & Scandinavia, NE or N. in the west of Norway. Variable over the Spanish peninsula & the southern parts of France; SW. at most of the Italian stations. Subsequently increasing to a strong breeze from the W. on our extreme northwest coast; no important change occurring elsewhere.

Barometer highest 30.1 ins. & upwards in an anticyclone lying over the Bay of Biscay, the southwestern parts of France & the northern & central parts of Spain. Lowest 29.4 ins. & less in a depression lying off the northwest of Scotland and also in a large shallow area over Scandinavia, Denmark and northern Russia. Scotch depression spreading southeastwards during day; barometer falling at all our more Eastern stations, but rising again in the west.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 5th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.72	66	2	0	0	29.70	— .01	63	59	— 12	E	2	0	*	0	*	71	63	0.12
	Hernösand ...	29.74	58	ESE	1	b	29.74	+ .07	61	57	— 2	S	4	bc	*	b	*	70	57	—
	Stockholm ...	29.68	59	SE	2	b	29.66	— .05	63	56	— 3	ENE	4	bc	*	b	*	70	54	—
	Wisby	29.55	56	S	4	r	29.64	— .07	59	55	— 3	SSE	4	c	*	r	*	64	46	0.24
	Karlstad ...	29.61	63	SE	4	c	29.62	— .02	60	55	— 2	ESE	4	c	*	c,b,r	*	*	*	0.71
	Bodö	29.84	70	ENE	4	b	29.71	+ .06	71	62	+ 2	E	4	b	2	b	*	73	61	—
	Christiansund ...	29.60	57	NNE	3	f	29.75	+ .14	54	52	— 1	NE	2	f	2	f	*	59	52	0.32
	Skudesnaes ...	29.56	50	2	0	0	29.69	+ .09	54	52	+ 2	NNW	7	0	2	c,0	*	59	52	*
	Færder (Christiania Fjord)	29.60	64	S	2	b	29.62	+ .02	59	56	— 2	NNE	2	b	1	b	*	64	57	—
	Skagen (The Scaw)	29.62	57	WNW	1	0	29.60	.00	59	55	+ 1	NE	1	c	0	0	*	70	52	—
	Fanö	29.64	56	WSW	6	0	29.62	+ .05	56	52	+ 2	NNW	6	c	*	c,r	*	61	54	0.43
British Islands.	Sumburgh Head	29.53	53	NW	2	r	29.87	+ .31	52	51	+ 2	NW	2	0	3	0,r	*	55	49	0.22
	Stornoway ...	29.62	55	N	3	bc	29.98	+ .40	55	51	+ 3	W	3	c	3	r,bc	2.3	55	45	0.20
	Wick	29.51	52	NW	2	bc	29.97	+ .36	55	53	0	NW	4	0	2	r,bc	*	58	43	0.36
	Nairn	29.60	55	W	3	c	29.99	+ .37	56	53	0	W	2	c	2	r,c	*	60	46	0.34
	Aberdeen ...	29.59	55	NW	5	c	30.00	+ .35	57	51	— 1	NW	3	c	2	rg,c	?	64	49	0.13
	Leith	29.69	57	W	4	c	30.05	+ .32	65	56	+ 9	W	2	bc	*	c	*	65	49	0.05
	Shields	29.71	59	SW	5	b	30.06	+ .27	60	52	+ 4	WNW	4	c	2	op,b	*	60	49	0.03
	Spurn Head ...	29.82	56	WSW	6	opp	30.07	+ .22	60	57	+ 1	NW	4	bc	4	opp	*	64	53	0.02
	York	29.82	57	W	4	c	30.10	+ .25	60	53	+ 2	NW	2	c	*	c	?	68	52	—
	Loughborough ...	29.90	67	W	7	c	30.13	+ .18	60	55	0	NW	4	bc	*	cg,op,c	*	71	52	0.04
	Ardrossan ...	29.75	57	W	6	c	30.07	+ .31	60	56	+ 5	N	1	bc	1	o,cpq	*	60	52	0.10
	Malin Head ...	29.83	55	W	7	cq	30.05	+ .36	57	55	+ 3	S	2	bc	3	o,cq	*	58	52	0.05
	Belmullet ...	30.00	59	WNW	5	b	30.06	+ .24	60	58	+ 2	SSW	3	bc	*	bc,b	*	60	56	0.10
	Donaghadee ...	29.86	62	W	6	bc	30.13	+ .28	59	55	+ 5	W	3	bc	2	bc	*	64	48	0.09
	Liverpool (Bidston)	29.91	59	W	7	b	30.15	+ .22	57	52	0	WNW	2	b	3	b	*	65	54	0.02
	Holyhead ...	29.96	59	WSW	4	cp	30.16	+ .21	60	56	+ 5	NW	2	b	1	mcp	*	63	52	0.06
	Parsonstown ...	30.01	62	W	3	b	30.15	+ .20	54	52	— 5	2	0	9	*	b	4.0	65	46	—
	Valencia ...	30.12	62	WSW	5	om	30.16	+ .21	61	58	— 1	S	3	c	4	om	4.6	64	54	—
	Roche's Point ..	30.08	65	W	4	c	30.18	+ .15	58	56	— 4	SSW	2	0	3	c	*	67	55	—
	Pembroke (St. Ann's Hd.)	30.05	60	WNW	6	bc	30.19	+ .12	58	55	0	W	3	bm	3	bc	9.6	61	55	—
	Scilly	30.19	62	WSW	3	c	30.21	+ .06	62	60	— 2	WSW	1	c	4	c	11.0	68	59	—
	Prawle Point ...	30.14	60	WSW	6	c	30.20	+ .06	62	60	+ 2	WSW	2	bc	1	c	*	63	55	—
	Jersey (St. Aubin's)	30.21	64	W	4	bc	30.24	+ .05	64	60	+ 1	WNW	3	bcm	3	b,bc	*	67	58	—
	Hurst Castle ...	30.09	64	WSW	6	bcm	?	?	63	57	— 1	W	3	bcm	2	bcm	*	67	60	—
	Dungeness ...	29.98	62	SW	6	c	30.13	+ .11	62	57	— 3	WNW	4	c	4	bc,c	*	68	56	—
	North Foreland	29.98	67	SW	4	bc	30.14	+ .15	62	55	0	NW	4	bc	3	bc	*	74	57	—
	London (Brixton) ...	29.99	72	W	4	b	30.17	+ .15	62	53	0	WSW	2	bc	*	b	10.8	76	55	—
	Oxford	30.01	61	WSW	5	b	30.17	+ .14	59	53	— 1	NW	3	bc	*	b	*	70	52	—
	Cambridge ...	29.92	69	WSW	5	c	30.15	+ .18	60	54	0	NW	3	0	*	c,b	11.2	74	52	—
	Yarmouth ...	29.86	71	W	4	cq	30.08	+ .19	59	54	— 1	NW	4	c	3	cq	*	71	51	0.02
Germany & Holland.	Cuxhaven ...	29.78	60	WNW	6	0	29.68	+ .14	55	55	— 1	NW	6	0	*	0,r	*	60	52	0.40
	Berlin	29.85	59	W	5	c	29.71	+ .04	57	53	+ 1	W	5	r	*	c	*	64	52	0.51
	Wiesbaden ...	*	*	*	*	*	30.11	+ .29	61	56	— 2	W	4	bc	*	*	*	70	59	—
	Munich	30.07	60	W	5	0	30.11	+ .09	63	57	+ 7	W	7	c	*	0	*	68	55	0.16
	The Helder ...	29.93	60	SW	1	0	30.02	+ .20	57	53	— 2	NW	4	c	3	0	*	61	55	—
Belgium.	Brussels ...	*	*	*	*	*	30.11	+ .15	61	54	0	WSW	4	c	*	b	*	72	56	—
	Cape Gris Nez ...	30.00	60	W	6	m	30.10	+ .24	59	54	+ 2	NNW	4	b	4	m	*	63	55	—
	Paris	30.07	72	W	2	bc	30.22	+ .10	61	57	— 1	W	2	bc	*	bc	*	76	55	—
	Brest	30.25	66	W	2	bc	30.23	+ .01	60	59	0	NNW	1	b	1	bc	*	70	57	—
	Lorient	30.07	65	WNW	4	0	30.09	— .04	61	61	+ 1	WSW	4	bc	2	0	*	70	52	—
France & Belgium.	Rochefort ...	30.31	70	NW	4	c	30.27	— .01	64	63	0	NE	3	c	*	c	*	75	57	—
	Belfort	30.16	66	W	1	bc	30.16	+ .10	62	58	+ 5	SSW	3	b	*	bc	*	69	55	—
	Lyons	30.24	73	N	1	b	30.24	+ .01	68	61	+ 8	N	1	b	*	b	*	76	57	—
	Nice	30.03	74	2	0	b	30.08	— .02	69	62	+ 1	2	0	bc	1	b	*	79	61	—
	Perpignan ...	30.23	84	NW	3	b	30.20	— .07	76	67	+ 8	SW	2	b	*	b	*	91	62	—
	Biarritz ...	30.23	71	NNE	3	b	30.20	— .09	68	66	+ 4	2	0	b	2	b	*	73	63	—
Peninsula.	Corunna ...	30.15	70	NW	2	b	30.14	— .07	65	60	0	NNW	1	b	2	b	*	73	52	—
	Lisbon	30.06	86	NNW	4	bc	30.10	+ .01	79	68	+ 2	NNE	3	0	*	bc	*	97	77	—
	Azores (P. Delgada)	?	69	?	1	b	30.30	— .03	68	60	+ 1	NNE	3	bc	1	b	*	72		—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 2·0 hrs; Eastbourne ... hrs.

WEATHER CHARTS

FOR SUNDAY, 5TH JULY, 1896.

BAROMETER, WIND AND SEA.

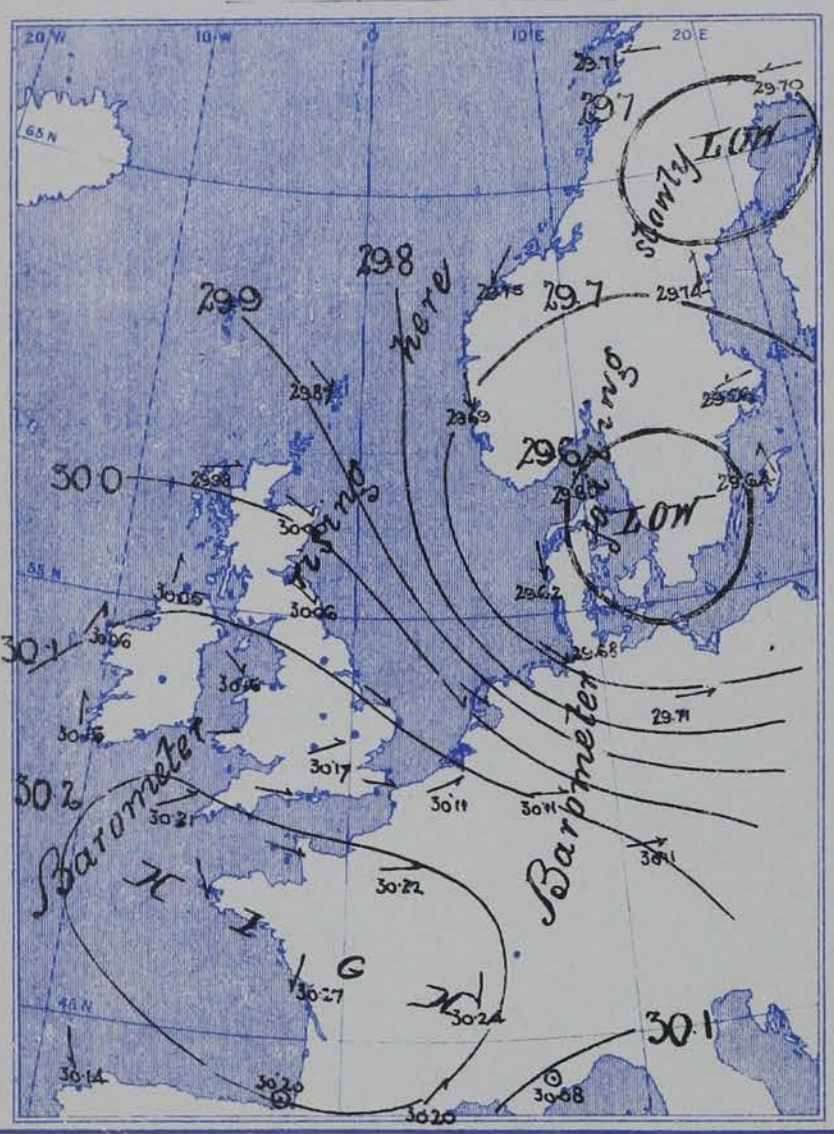
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; Force 5 to 7 ⟶ ; Force 1 to 4 ⟶ ; Calm ⊙

Force 8 to 10 ⟶ ;

SEA—Rough ; High

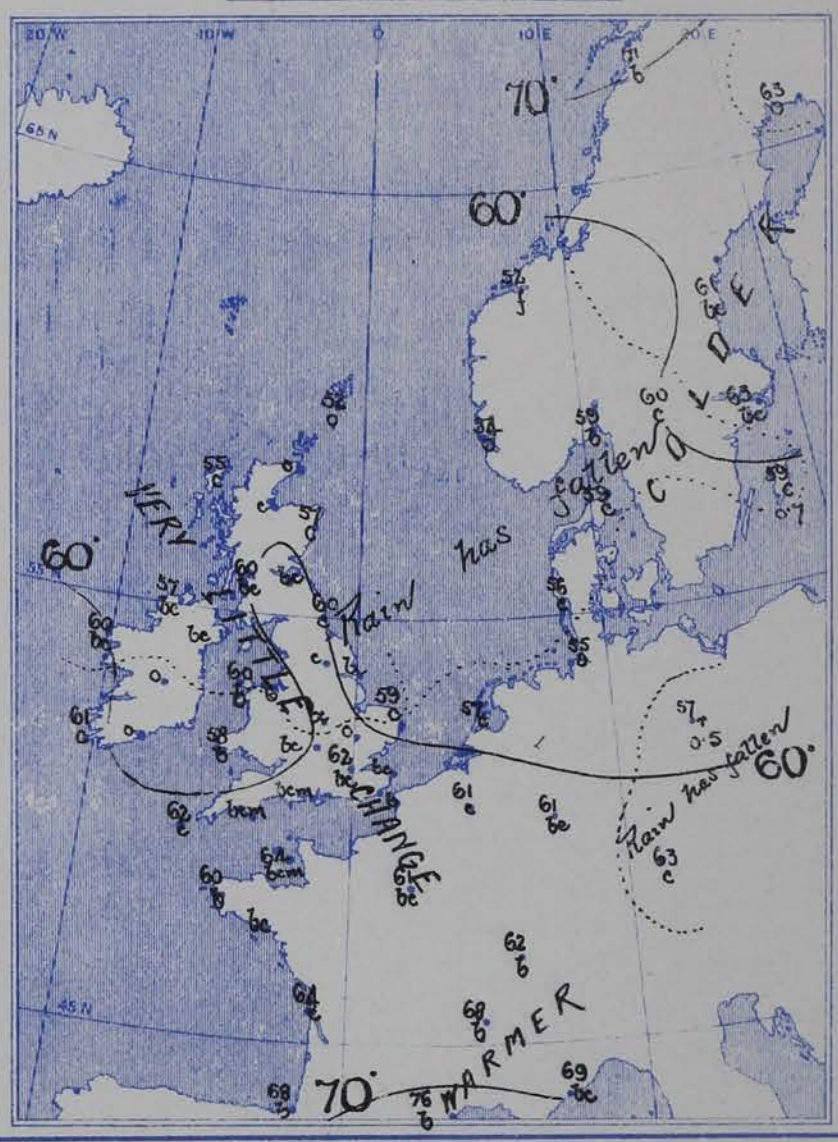


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of Dry Bulb 8 a.m.	Means of Wet Bulb 8 a.m.	Means of Daily Maximum.	Means of Daily Minimum.	Absolute Extremes. Maximum.	Years.	Minimum.	Years.	RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95. Hours.	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards in an anticyclone lying over France, the Bay of Biscay, and the western part of the English Channel.
Lowest, 29·6 in: and less, in a well marked depression over Denmark and the extreme south of Sweden.
Gradients slight generally, but moderate over Germany, the Netherlands and the southern part of the North Sea.
Barometer falling in the west of Ireland as well as in the southwest of France, and the south of Sweden.

TEMPERATURE

Highest, 79° at Lisbon, 76° at Perpignan, 69° at Nice, and 68° at Biarritz, Lyons; (2) 71° at Bodö, and 69° at Haparanda and Stockholm.
Lowest, 52° at Swinburn Hd. 54° at Christiansund and Skudesnaes, and 55° at Stornoway, Wick, and Cap Clear.
Rising during day, to 70° and upwards at many of the English stations, and reaching 76° in London; touching 77° at Haparanda, and reaching 91° at Perpignan and 97° at Lisbon.

WIND

Light to moderate from the NW^ly in Great Britain, and strong from the same quarter on the eastern shores of the North Sea.
Fresh or strong from the W^ly in Germany, varying between S. and E. at most of the Scotch stations.
Light from the S^ly in Ireland, variable in the west and south of France; N^ly in Portugal

WEATHER

Fair or fine over Western Europe generally, but dull in the extreme north of Scotland and the west of Norway, with fog at Christiansund; dull also in North Germany, with rain at Berlin.
Rain fell yesterday, over the northern parts of our Islands generally, as well as at many of the Scandinavian, Danish and German stations; a thunderstorm occurred at Karlstad and lightning at Christiansund.

SEA

Moderate to smooth

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 6th July. 1896.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NONE ISSUED	↑ 6	SCOTLAND WEST	NONE ISSUED
1	SCOTLAND EAST		↑ 7	ENGLAND N.W.	
2	ENGLAND N.E.		8	ENGLAND S.W.	
3	ENGLAND EAST		↑ 9	IRELAND NORTH	
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH			WARNINGS	The S. Cone is still flying in districts 6. 7. and 9.

Note.—The **South Cone**, *point downwards* (↑), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.61	59	56	S	2	c	2
Sumburgh Head	29.54	53	53	W	1	o	2
Stornoway	29.51	52	52	S	4	r	4
Aberdeen	29.58	55	52	SW	3	org	1
Shields	29.75	58	52	SW	4	o	2
Ardrossan	29.71	58	57	SSW	4	o	4
Malin Head ...	29.72	58	55	W	8	c	5
Belmullet	29.92	60	55	W	6	bcq	*
Holyhead	29.92	61	59	SW	6	cm	4
Valencia	30.11	63	59	WSW	5	omg	5
Scilly	30.19	66	61	WSW	4	c	4
Jersey	30.23	66	60	W	4	b	3
Hurst Castle ...	30.12	66	62	SW	5	bcm	3
Dungeness ...	30.03	66	62	SW	5	bc	4
North Foreland	30.02	73	60	W	4	bc	3
London (Westminster)	30.01	74	58	WSW	4	b	*
Yarmouth ...	29.93	66	56	WNW	5	cq	3
Rochefort ...	30.32	72	68	WNW	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in most parts of Great Britain, France, and southern Europe, as well as in Sweden. Cloudy or dull elsewhere, with rain on our extreme north and northwest coasts, as well as at many stations in Germany, Denmark, and the south of Norway. Rain falling later in all the more northern parts of our Islands, and also in several parts of Scandinavia, Denmark and Germany; thunderstorms occurring at Karlstad and lightning seen at Christiansund. Improvement taking place on our northern coasts in evening.

Temperature risen in Spain, France and Germany, but changed irregularly elsewhere. Morning readings highest (1) 79° at Athens, 78° at Constantinople, and 77° at Lisbon, Barcelona and Pfaf; (2) 75° at Haparanda, 71° at Utsjoki, and 69° at Bodö. Lowest 50° at Sumburgh Hd., 52° at Skudesnaes and Stornoway, and 54° at Jan Mayen; below 60° over Germany and the northern parts of Austria. Rising during day to 70° and upwards at many of the English stations, and reaching 76° in London. Touching 77° at Haparanda; exceeding 75° over Southern Europe generally, and reaching 91° at Perpignan, and 97° at Lisbon.

Wind SW. in Ireland and the west of Scotland, and strong in force on our extreme northwest coasts. Light to fresh from the W. in all the more eastern and southern parts of our Islands and also in the Netherlands; SW. in Germany; S. over Denmark and the Baltic; SE. in the south of Sweden. Variable in the north of Scandinavia and also in Russia, Austria, and Italy; NW. in France; NE. over the Spanish Peninsula. Subsequently veering to the NW. or N. in Scotland; strong squalls from W. experienced in many parts of England and Ireland.

Barometer highest 30·2 ins: and upwards, in an anticyclone lying over the Bay of Biscay, France, and the greater part of Spain and Algeria. Lowest 29·6 ins: and less, in a depression off the north of Scotland, and also in another system over Denmark and the extreme south of Norway. 29·7 ins: and less, in shallow disturbances lying near Moscow and Kiev. Scotch depression subsequently moving eastwards and barometer rising on our western and northern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 6th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA	Haparanda ...																			
	Hernosand ...	29.78	64	S	2	c	29.80	+.06	69	62	+ 8	WSW	2	b	8	c	#	73	54	
	Stockholm ...	29.84	63	SE	0	b	29.78	+.12	68	59	+ 5	SE	0	0	#	b	#	68	52	
	Wisby	29.80	60	N	4	b	29.80	+.16	62	58	+ 3	NNW	6	c	#	b	#	63	46	
	Karlstad ...	29.84	64	SE	0	b	29.90	+.28	63	51	+ 3	NW	4	b	#	r.b	#	#	#	0.24
	Bodö	29.85	63	SW	1	b	29.99	+.28	54	53	− 17	SE	0	ocean	0	b	#	72	52	-
	Christiansund ...	29.96	55	NNE	2	f	30.06	+.31	55	52	+ 1	N	1		1	f	#	57	52	-
	Skudesnaes ...	30.01	56	NW	4	o	30.11	+.42	53	51	− 1	NNW	2		1	o	#	55	52	#
	Færder (Christiania Fjord)	29.84	65	W	2	b	29.95	+.33	65	60	+ 6	NW	1	b	3	b	#	65	59	-
	Skagen (The Scaw)	29.92	58	NNW	1	b	29.98	+.38	63	58	+ 4	NNW	2	b	0	b	#	63	52	-
	Fanö	29.97	56	NW	6	c	30.11	+.40	55	53	− 1	NW	6	o	#	c	#	61	54	-
	Sumburgh Head	29.96	54	W	2	c	29.96	+.09	54	53	+ 2	SSE	1	o	3	c	#	55	47	-
	Stornoway ...	29.91	57	SSW	5	o	29.96	−.02	54	52	− 1	SW	3	bc	3	c.o	5.0	59	50	0.02
	Wick	30.03	54	SE	3	c	30.00	+.03	57	55	+ 2	S	1	o	1	c	#	62	53	-
	Nairn	29.99	64	W	1	c	29.99	.00	59	56	+ 3	W	1	o	1	c	#	68	53	-
	Aberdeen ...	30.05	55	SW	2	c	30.01	+.01	61	52	+ 4	SW	2	cm	1	c	4.4	65	51	-
	Leith	30.07	66	W	3	c	30.01	−.04	59	57	− 6	N	1	o	#	c	#	71	56	0.09
	Shields	30.10	62	SE	3	bc	30.07	+.01	60	56	0	E	1	c	2	bc	#	67	50	-
	Spurn Head ...	30.14	59	ESE	3	b	30.12	+.05	63	59	+ 3	SE	0	b	3	b,bw	#	64	53	-
	York	30.14	68	W	2	b	30.12	+.02	62	57	+ 2	SSW	1	b	#	b	14.8	73	50	-
	Loughborough ...	30.15	73	NW	1	b	30.15	+.02	65	60	+ 5	ESE	1	bmw	#	bc.bmw	#	74	44	-
BRITISH ISLANDS.	Ardrossan ...	30.06	59	SSW	4	bc	30.02	−.05	57	56	− 3	W	2	o	1	bc	#	66	53	0.10
	Malin Head ...	30.01	63	SW	3	c	30.03	−.02	60	56	+ 3	SSW	2	c	1	bc,c	#	67	55	-
	Belmullet ...	30.05	59	W	3	bm	30.06	.00	59	54	− 1	W	2	o	#	o.am	#	65	58	-
	Donaghadee ...	30.09	60	SSW	3	bc	30.09	−.04	55	55	− 4	NNE	4	r	2	bc,r	#	65	54	0.51
	Liverpool (Bidston)	30.17	62	NNW	1	c	30.11	−.04	60	59	+ 9	E	1	b	1	b.c	#	66	52	-
	Holyhead ...	30.17	60	SW	3	c	30.09	−.04	58	58	− 2	SW	3	f	2	c	#	63	56	-
	Parsonstown ...	30.08	71	W	1	bc	30.06	−.02	57	56	+ 3	S	0	d	#	bc	6.4	75	54	-
	Valencia ...	30.14	64	SSW	2	o gm	30.06	−.10	59	59	− 2	NNW	1	o 2m	1	c.o gm	4.9	68	57	0.08
	Roche's Point ...	30.17	63	SSW	3	c	30.10	−.08	60	59	+ 2	SW	3	f	3	c	#	67	58	-
	Pembroke (St. Ann's Hd.)	30.20	60	NNW	3	b	30.13	−.06	60	60	+ 2	SW	3	o	3	c.b	6.2	62	57	-
	Scilly	30.23	67	NNW	2	b	30.14	−.07	65	61	+ 3	S	1	b	2	b	9.0	70	60	-
	Prawle Point ...	30.20	64	NNW	3	bc	30.18	−.02	64	59	+ 2	ENE	3	f	2	bc	#	66	55	-
	Jersey (St. Aubin's)	30.24	67	NW	3	bm	30.19	−.05	67	62	+ 3	NE	1	bmw	1	b.bm	#	68	53	-
	Hurst Castle ...	30.19	66	NNW	2	bm	30.19	?	66	61	+ 3	W	0	bm	0	bm	#	70	55	-
	Dungeness ...	30.17	63	SW	4	bc	30.19	+.06	63	50	+ 1	S	2	bc	1	bc	#	68	58	-
	North Foreland	30.21	61	SE	3	bc	30.19	+.05	66	59	+ 4	SSW	3	b	2	b.bc	#	66	57	-
	London (Brixton) ...	30.17	75	W	1	b	30.18	+.01	67	61	+ 5	SE	2	b	#	b	13.4	76	54	-
	Oxford	30.16	69	SW	2	b	30.16	−.01	65	59	+ 6	SW	1	b	#	b	#	76	51	-
	Cambridge ...	30.16	73	NW	1	b	30.16	+.01	63	57	+ 3	SW	1	b	#	b	13.3	75	49	-
	Yarmouth ...	30.18	69	ESE	2	b	30.15	+.07	68	62	+ 9	S	2	b	3	b	#	68	55	-
GERMANY & HOLLAND.	Cuxhaven ...	29.98	60	NW	6	c	30.15	+.47	56	56	+ 1	NW	4	o	#	c	#	?	54	0.04
	Berlin	29.91	68	W	6	c	30.13	+.42	57	53	0	NNW	5	o	#	c	#	63	55	0.24
	Wiesbaden ...	*	*	*	*	*	30.27	+.16	58	53	− 3	E	0	b	#	#	#	70	58	-
	Munich	30.19	61	W	4	b	30.29	+.18	57	52	− 6	NW	4	bc	#	b	#	70	52	-
	The Helder ...	30.19	60	NW	2	b	30.21	+.16	61	55	+ 4	SW	1	b	1	b	#	61	57	-
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	30.25	+.14	62	54	+ 1	SSW	1	b	#	b	#	68	48	-
	Cape Gris Nez	30.17	61	SW	1	b	30.17	+.07	60	58	+ 1	SSW	1	bc	1	m	#	66	54	-
	Paris	30.21	69	NNW	2	b	30.23	+.01	61	56	0	E	1	b	#	b	#	74	51	-
	Brest	30.21	66	SW	2	b	30.16	−.07	59	58	− 1	ENE	1	b	2	b	#	72	50	-
	Lorient	30.26	67	NW	3	bc	30.16	−.03	60	58	− 1	ENE	2	b	2	bc	#	70	52	-
	Rochefort ...	30.20	73	NW	3	b	30.16	−.11	67	63	+ 3	ENE	3	b	#	b	#	75	51	-
	Belfort	30.15	67	W	3	b	30.21	+.05	59	54	− 3	ENE	2	m	#	b	#	74	51	-
	Lyons	29.97	76	NW	1	b	30.19	−.05	66	59	− 2	NNW	1	b	#	b	#	80	60	-
	Nice	30.03	69	S	1	bc	30.04	−.04	67	62	− 2	W	0	o	1	bc	#	77	63	-
	Perpignan ...	30.09	70	W	2	b	30.09	−.11	78	66	+ 2	SW	2	b	#	b	#	97	63	-
	Biarritz ...	30.11	75	N	2	b	30.05	−.15	70	67	+ 2	SE	3	o	4	b	#	77	54	-
PENINSULA.	Corunna ...																#			
	Lisbon	30.01	75	NNW	4	b	30.03	−.07	67	65	− 12	SW	4	o	#	b	#	93	66	-
	Azores (Ponta Delgada)	30.36	69	N	3	bc	30.34	+.01	71	65	+ 3	NNW	3	b	2	bc	#	75	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 11.1 hrs; Eastbourne 12.5 hrs.

WEATHER CHARTS

FOR Monday, 6th July, 1896.

BAROMETER, WIND AND SEA.

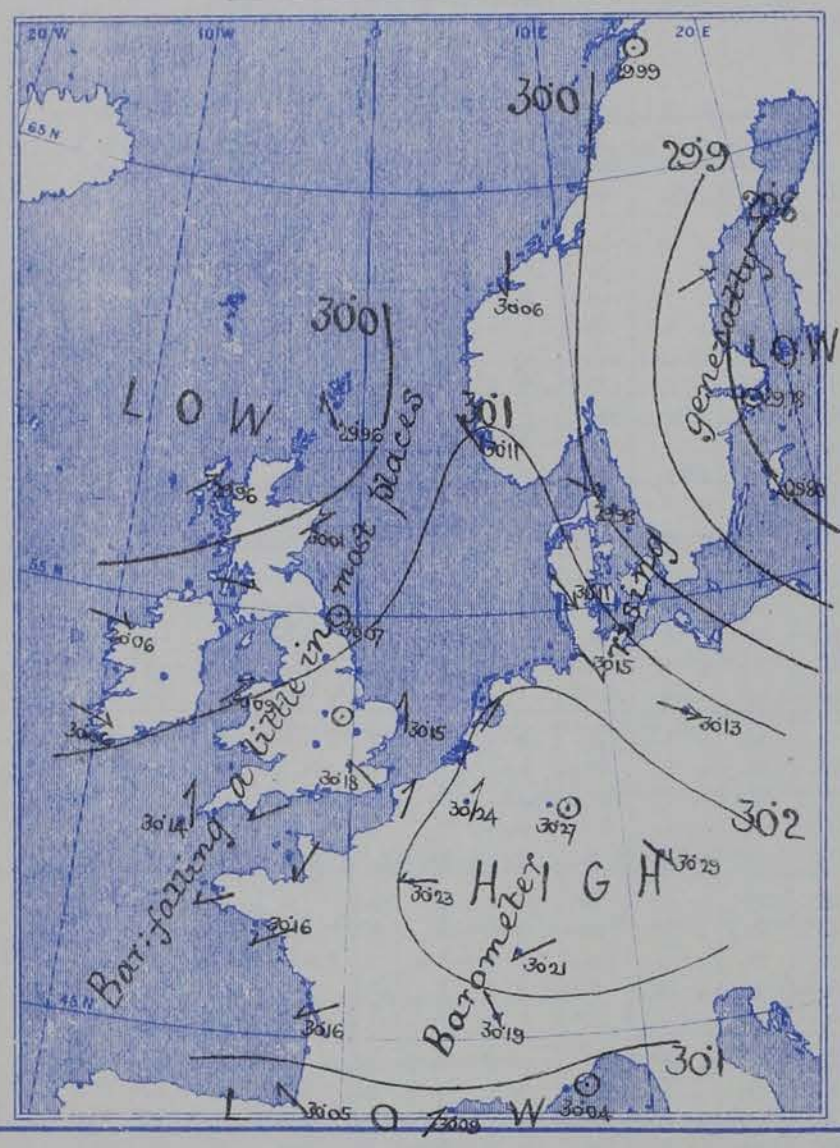
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⇉ ; Force 5 to 7 ⟶ ; Force 1 to 4 ⟶ ; } Calm ⊙

Force 8 to 10 ⇉ ; } Calm ⊙

SEA—Rough ▤ ; High ▩

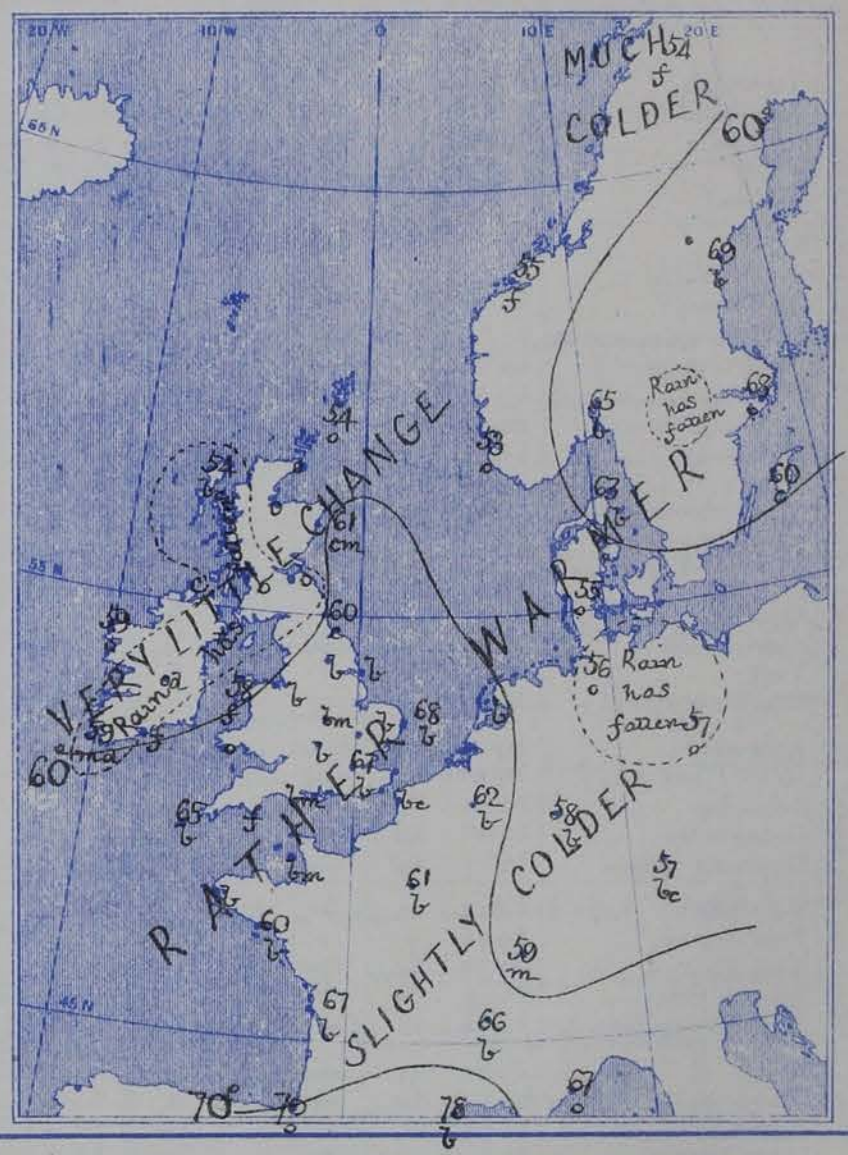


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards, in an anticyclone lying over Germany, the Netherlands, and the eastern and central parts of France.

Lowest, 29·8 ins: and less, over the Gulf of Bothnia and the northern part of the Baltic; 30·0 ins: and less, in a shallow depression over the north of Scotland.

Gradients slight. Barometer falling a little in most parts of our Islands and also in the west of France, but rising elsewhere.

TEMPERATURE

Highest, 78° at Perpignan, 70° at Biarritz and 68° at Yarmouth; (2) 69° at Hernösand, and 68° at Stockholm.

Lowest (1) 53° at Skudenaes, 54° at Bodö, Lumbryghd. and Stornoway, and 55° at Christiansund; (2) 57° at Berlin and Munich.

During yesterday the thermometer rose to between 70° and 75° in many parts of Great Britain and also over Central Ireland, and to 76° in London and at Oxford.

WIND

Rather variable over our Islands, but chiefly from the S.ᵂᵈ or SW.ᵈ.

Light from the E.ᵈ over the greater part of France; NW.ˡʸ over Scandinavia, Denmark, and Germany, and strong in force at Visby and Fanö.

WEATHER

Cloudy in the west and north of our Islands, with slight rain at some of the Irish stations, and with fog at Holyhead and Rocker P.ᵒ.

Fine in most other parts of our area, but dull in North Germany and the south of France, and foggy along the west coasts of Norway.

Since yesterday morning rain has fallen at a few of the Irish and Scotch stations, – rather heavily at Donaghadee.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Small shallow depressions are apparently moving northeastwards across Ireland and Scotland, and the weather is likely to remain somewhat unsettled in the west and north. Over the greater part of England fine warm weather is likely to continue for a time.

FORECASTS

For the 24 hours ending at NOON on 7TH JULY, 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	S.ᵂᵈ ²⁴ winds, light; cloudy, rain locally	6 SCOTLAND WEST 7 ENGLAND N.W.	SW.ᵈ ²⁴ winds, light; dull, some rain
2 ENGLAND N.E.	S.ᵂᵈ ²⁴ and SE.ᵈ ²⁴ winds, light; fine at first; cloudy later, thundershowers locally.	8 ENGLAND S.W.	Same as Nos. 3 to 5.
3 ENGLAND EAST 4 MIDLAND COUNTIES 5 ENGLAND SOUTH	S.ᵂᵈ ²⁴ to E.ᵈ ²⁴ winds, light; fine, warm.	9 IRELAND NORTH 10 IRELAND SOUTH	Light breezes, chiefly SW.ᵈ ²⁴; dull, some rain.
		WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·89	58	54	NNW	7	0	2
Sumburgh Head							
Stornoway	29·96	59	53	SSW	4	c	4
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·03	64	62	S	4	bc	2
Belmullet	30·05	63	60	SSW	3	0	*
Holyhead							
Valencia							
Scilly							
Jersey	30·26	67	61	SW	3	bc	3
Hurst Castle ...							
Dungeness ...	30·17	64	61	WSW	4	bc	3
North Foreland	30·19	65	56	NNE	2	b	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·26	74	68	NE	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 28TH JUNE TO THE 4TH JULY.

The weather of last week was for the most part changeable and showery, the rainfall being comparatively slight in the southern and eastern parts of the Kingdom, but frequent and at times rather heavy in the west and north.

At the commencement of the week the conditions over Ireland and England were affected by a large anticyclone which extended over us from the Atlantic, the weather in these countries being mostly fair, but with thunderstorms over our southeastern counties on the 28th June. In the north the weather was influenced by a complex depression which moved southeastwards across Scandinavia, the wind being light to fresh from W. or NW, with frequent showers.

After the 29th June the anticyclone moved away to the southeastward, and during the remainder of the week the weather over the whole Kingdom was affected by depressions which appeared over our northern coasts, and which moved or spread eastwards. W. or NW. winds consequently set in very generally, and occasionally blew with considerable strength, especially on our northwest coasts where a gale was experienced on June 30th. Changeable, showery weather was reported in all districts, but as a rule the individual amounts of rain were not large.

The temperature of the week was mostly above the average, excepting in the extreme north and west. On the 1st and 2nd July, however, cool weather prevailed in most places, the maximum readings being below 65° over a considerable portion of the United Kingdom. Over Northern Europe the weather during the latter half of the week was unusually warm; at Haparanda, the thermometer both on the 2nd and 3rd reached a maximum of 91°.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 7th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.85	66	SW	0	b	29.93	+.11	68	65	- 1	E	2	c	*	b	*	77	57	-
	Hernösand ...	29.84	66	NW	2	bc	29.89	+.09	66	61	- 3	NW	4	bc	*	bc	*	82	55	0.24
	Stockholm ...	29.82	71	N	6	b	29.85	+.07	67	58	- 1	NNW	4	b	*	b	*	79	54	-
	Wisby	29.82	64	N	4	b	29.84	+.04	63	61	+ 1	N	4	bc	*	b	*	70	55	-
	Karlstad ...	29.86	71	W	2	b	29.91	+.01	67	60	+ 4	NNW	4	b	*	b	*	*	*	-
	Bodö	30.02	54	W	1	f	30.02	+.03	54	52	0	W	1	c	1	f	*	54	50	-
	Christiansund ...	30.10	55	NNW	1	f	30.06	.00	57	53	+ 2	NE	2	f	2	f	*	59	52	-
	Skudesnaes ...	30.08	58	SW	0	bc	30.05	-.06	59	56	+ 6	SSE	2	c	2	bc	*	59	52	*
	Færder (Christiania Fjord)	29.91	68	SSW	2	b	29.93	-.02	64	59	- 1	NNW	2	b	2	b	*	68	63	-
	Skagen (The Skaw)	29.98	58	NNW	4	b	29.95	-.03	61	57	- 2	WNW	3	b	0	b	*	66	55	-
	Fanö	30.09	55	NNW	1	b	30.03	-.08	59	56	+ 4	WNW	4	b	*	b	*	63	54	-
British Islands.	Sumburgh Head	29.99	56	SW	0	c	29.93	-.03	52	50	- 2	N	1	c	2	bc,c	*	60	49	0.17
	Stornoway	29.97	59	WSW	3	cqr	29.93	-.03	57	54	+ 3	S	3	c	3	c,r,c	3.3	62	50	-
	Wick	30.01	56	SE	1	c	29.95	-.05	53	53	- 4	E	1	c	1	c	*	63	50	0.01
	Nairn	29.97	60	W	1	c	29.93	-.06	54	54	- 5	SW	0	r	1	c	*	67	51	0.23
	Aberdeen ...	29.97	59	NE	1	c	29.93	-.08	54	53	- 7	N	2	cqr	2	bc,rq	?	68	53	0.40
	Leith	29.97	60	SW	0	r	29.91	-.10	55	53	- 4	SW	0	rm	*	r	*	66	53	0.69
	Shields	29.99	67	SSW	1	c	29.89	-.18	66	61	+ 6	W	0	cm	2	c	*	75	57	-
	Spurn Head ...	30.00	61	SE	4	c	29.91	-.21	68	65	+ 5	SSE	3	bc	3	bc,c	*	68	58	-
	York	30.00	75	WSW	1	c	29.91	-.21	64	61	+ 2	N	1	bc	*	c	10.0	80	55	-
	Loughborough ...	30.01	80	S	2	b	29.93	-.22	67	63	+ 2	SE	1	bcm	*	bc,bcp	*	82	56	0.02
	Ardrossan ...	29.98	53	SSW	1	c	29.93	-.09	56	54	- 1	WNW	3	bc	2	cp	*	61	52	0.37
	Malin Head ...	30.02	56	SE	1	c	29.96	-.07	55	53	- 5	NNW	2	c	1	c	*	62	52	0.11
	Belmullet ...	30.03	58	W	2	bc	30.00	-.06	57	54	- 2	NNW	1	bc	*	cm,bc	*	60	54	0.10
	Donaghadee ...	30.02	53	NW	4	d	29.96	-.13	55	54	0	NW	4	c	2	r	*	57	51	0.77
	Liverpool (Bidston)	30.02	71	N	1	b	29.92	-.19	65	59	- 1	W	0	bc	1	b	*	73	57	-
	Holyhead ...	30.02	62	SSW	4	c	29.93	-.16	54	54	- 4	N	4	dm	3	cm,c	*	64	53	0.16
	Parsonstown ...	29.98	54	W	1	r	29.99	-.07	54	52	- 3	W	0	bc	*	cr	0.0	61	50	0.64
	Valencia ...	29.97	57	N	5	cqr	30.01	-.05	60	54	+ 1	N	1	bc	3	cr,q	0.0	62	51	0.09
	Roche's Point ...	30.01	60	SW	3	r	29.98	-.12	59	55	- 1	NW	3	b	3	rm	*	65	54	0.10
	Pembroke (St. Ann's Hd.)	30.04	64	W	3	bc	29.92	-.21	60	59	0	S	2	cq	2	c	3.8	64	57	-
	Scilly	30.05	67	SSW	1	b	29.92	-.22	64	61	- 1	W	2	c	2	b	15.0	70	58	-
	Prawle Point	30.05	64	NE	2	f	29.90	-.23	64	60	0	NE	2	c	1	f	*	69	55	-
	Jersey (St. Aubin's)	30.04	74	NNE	2	cm	29.90	-.29	70	64	+ 3	ESE	1	cq	1	b,cm	*	77	64	-
	Hurst Castle ...	30.09	71	SSW	1	b	29.91	-.28	67	63	+ 1	NE	2	cm	1	b	*	74	58	-
	Dungeness ...	30.09	65	S	1	b	29.94	-.25	68	64	+ 5	ENE	1	b	0	b	*	68	59	-
	North Foreland	30.11	66	SE	2	b	29.95	-.24	68	63	+ 2	ESE	2	b	2	b	*	71	59	-
	London (Brixton) ...	30.04	77	SSW	3	b	29.95	-.23	69	60	+ 2	SE	1	cm	*	b	14.3	84	55	-
	Oxford	30.02	72	SSW	2	b	29.93	-.23	63	57	- 2	SE	1	c	*	b,c	*	82	56	-
	Cambridge ...	30.03	81	NW	1	b	29.95	-.21	68	61	+ 5	S	1	c	*	b	15.0	84	52	-
	Yarmouth ...	30.06	69	S	4	b	29.97	-.18	64	60	- 4	SSE	4	b	3	b	*	71	60	-
Germany & Holland.	Cuxhaven ...	30.15	61	NW	2	b	30.05	-.10	62	62	+ 6	S	2	b	*	b	*	63	50	-
	Berlin	30.13	59	NNW	3	c	30.10	-.03	57	54	0	NNW	1	b	*	c	*	59	51	-
	Wiesbaden ...	*	*	*	*	*	30.10	-.17	61	57	+ 3	SW	2	b	*	*	*	72	52	-
	Munich	30.23	60	SE	1	b	30.16	-.13	62	58	+ 5	E	3	b	*	b	*	68	46	-
	The Helder ...	30.13	69	SW	1	b	30.03	-.18	65	59	+ 4	S	1	b	1	b	*	70	52	-
France & Belgium.	Brussels ...	*	*	*	*	*	30.01	-.24	69	60	+ 7	SSE	1	bc	*	b	*	74	57	-
	Cape Gris Nez ...	30.08	65	N	1	m	29.96	-.21	70	64	+ 10	S	1	m	0	m	*	72	59	-
	Paris	30.08	74	E	1	b	29.97	-.26	68	62	+ 7	ENE	1	b	*	b	*	80	56	-
	Brest	30.04	75	NE	1	c	29.90	-.26	63	60	+ 4	NE	2	c	2	c	*	75	55	-
	Lorient	29.93	71	?	2	bc	29.79	-.37	59	59	- 1	E	2	c	2	bc	*	70	50	0.87
	Rochefort ...	30.02	77	NNW	3	c	29.89	-.27	71	68	+ 4	S	3	b	*	bc,c	*	91	66	-
	Belfort ...	30.08	68	E	1	bc	30.01	-.20	63	57	+ 4	ENE	3	bc	*	bc	*	75	53	-
	Lyons	30.09	59	NNE	1	b	30.00	-.19	67	60	+ 1	SE	1	b	*	b	*	82	58	-
	Nice	30.00	74	WSW	1	bc	30.00	-.04	70	63	+ 3	W	0	b	0	bc	*	81	63	-
	Perpignan ...	30.04	81	N	1	c	29.94	-.15	72	65	- 6	NE	2	c	*	c	*	95	69	-
	Biarritz ...	29.97	80	NNE	2	c	29.93	-.12	68	?	- 2	N	4	c	2	c	*	93	64	-
Peninsula.	Corunna ...																*			
	Lisbon	30.01	67	WNW	4	b	30.01	-.02	68	61	+ 1	NNW	3	b	*	b	*	77	61	-
	Azores (P. Delgada)	30.35	69	N	1	b	30.26	-.08	71	68	0	NW	1	r	2	b	*	77	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 7.0 hrs; Eastbourne more than 14 hrs.

WEATHER CHARTS

FOR ... Tuesday, 7th July, ... 1896.

BAROMETER, WIND AND SEA.

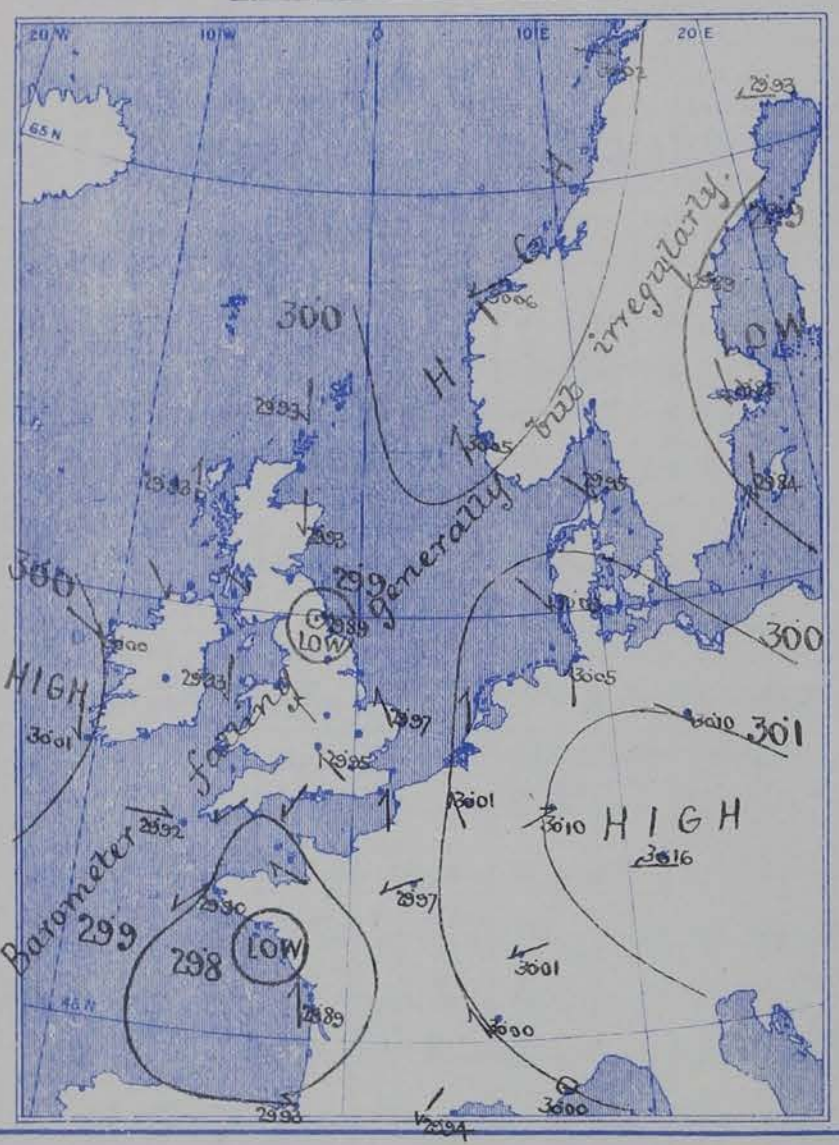
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ➤⟶ ; *Force 1 to 4* ⟶ ; }

SEA—Rough ▤ ; *High* ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, (1) 30·1 ins: and more to 30·0 ins: over Germany and the east of France; (2) 30·0 ins: and more over the west of Ireland, and adjacent parts of the Atlantic.
Lowest, Below 29·8 ins: at Lorient, below 29·9 ins: at Shields, and about 29·9 ins: over North Wales.
Gradient slight; distribution anticyclonic.
Barometer falling generally, but irregularly

TEMPERATURE

Highest, 72° at Perpignan, 70° at Nice, Jersey, and Cape Gris Nez, 69° in London, 68° at Paris and at Hapsarandas.
Lowest, 52° at Lemburgh Ht., 53° at Wick, and below 56° at most of the Scotch stations; 57° at Berlin.
The highest of the maxima recorded yesterday were 95° at Perpignan, 93° at Biarritz, 91° at Rochford, 84° in London and at Cambridge, 82° at Loughborough.

WIND

Light to moderate in force generally, but extremely variable in direction. Chiefly S., however, at the southeastern stations, and NW. to N. in the east.

WEATHER

Very rainy in Scotland, dull and unsettled over the north of Ireland and several parts of England.
Very fine and bright over the greater part of France.
Rain has fallen at the Irish and Scotch stations and at Lorient. At the last named station, at Parsonstown, and Leith, the falls have been considerable. Bright Sunshine recorded yesterday was – Scilly and Cambridge 15 hrs, London 14·3 hrs, Eastbourne more than 14 hrs, York 10 hrs.

SEA

Very little disturbed.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather seems to be breaking up slowly.

FORECASTS

For the 24 hours ending at NOON on 8TH JULY, 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Very Variable winds, light to moderate in force; weather very unsettled, rain and thunder at times.
1 SCOTLAND EAST	
2 ENGLAND N.E.	
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	

DISTRICTS.	FORECASTS.
6 SCOTLAND WEST	Very Variable winds, light to moderate in force; weather very unsettled, rain and thunder at times.
7 ENGLAND N.W.	
8 ENGLAND S.W.	
9 IRELAND NORTH	
10 IRELAND SOUTH	
WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·11	58	53	NNW	2	c	1	Valencia	29·98	60	60	ENE	1	f	3
Sumburgh Head	29·99	59	56	N	2	bc	3	Scilly	30.10	67	62	S	2	b	3
Stornoway	29·98	58	54	SSW	4	f	4	Jersey	30.11	72	65	SE	2	b	2
Aberdeen	29·99	67	61	S	1	bc	1	Hurst Castle ...	30·14	73	66	SSW	2	b	1
Shields	30·03	66	59	S	2	o	2	Dungeness ...	30·14	68	63	S	1	b	0
Ardrossan	30 01	59	56	SSW	2	o	2	North Foreland	30·15	71	61	SE	3	b	2
Malin Head ...	30·03	58	55	NNW	3	c	2	London (Westminster)	30·09	79	63	SW	2	b	*
Belmullet	30·04	56	55	N	1	om	*	Yarmouth ...	30·09	69	62	SSE	5	bq	4
Holyhead	30·06	63	62	SW	4	om	3	Rochefort ...	30·10	85	77	NW	2	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Mediterranean, France, and England, dull over Spain, Ireland and Scotland, and also over Central Europe and Russia, with rain in several places. Fog prevalent in the west of Norway. Rain falling later over Scotland, Ireland, and some parts of France, as well as at Hernösand; amounts large at Lorient, Pennerstown, Donaghadee, and Leith; remaining reports fine over France and England.

Temperature rising over Great Britain, falling over Southeastern Europe and the Baltic Provinces. Morning readings highest 88° at Barcelona, 81° at Tunis and Oporto, and above 70° at most of the stations in southern Europe; 67° in London, 66° at Liverpool; 60° at Haparanda and Hernösand, 68° at Stockholm. Lowest 53° at Skudesnaes and Münster, 54° at Aberdeen and Stornoway, as well as at Chagres and Cracow, 55° at Breslau and Kiev, 58° at Moscow. Rising during day to between 90° and 95° in the southeast of France, to 84° in London and at Cambridge and to 80° at York.

Wind light and anticyclonic over France and England; moderate N. over the Baltic and south of Scandinavia, NW. over North Germany, SW. over the south of Russia, SE. at Moscow. A N. breeze setting in over the northeast of Ireland, while a SW. wind prevailed at Holyhead. N. and NW. winds becoming general over Ireland later, and variable airs over Great Britain.

Barometer highest 30·2 in: and more to 30·1 in: in an anticyclonic system covering France, Western Germany, and the greater part of the North Sea and England. Lowest, Below 29·4 in: in a large depression over central Russia, and 30·0 in: over the northern half of Scotland. Falling irregularly over Western Europe later, and distribution becoming complex over the British Islands and France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 8th July, 1896.

Issued by the Meteorological Office, 63. Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.99	64	SW	0	b	30.06	+.13	64	55	- 4	E	2	c	*	b	*	81	55	-
	Hernosand ...	29.96	63	NE	2	b	30.03	+.14	63	52	- 3	NE	14	b	*	b	*	77	59	-
	Stockholm ...	29.93	67	N	2	b	29.96	+.11	68	60	+ 1	N	14	b	*	b	*	79	59	-
	Wisby	29.93	65	NNW	4	b	29.96	+.12	64	61	+ 1	N	4	b	*	b	*	70	59	-
	Karlstad ...	29.89	72	SW	2	b	29.99	+.08	67	59	0	SE	14	b	*	b	*	*	*	-
	Bodö	30.07	55	NW	1	c	30.06	+.04	60	56	+ 6	NNE	2	b	1	c	*	60	52	-
	Christiansund ...	29.99	59	NE	2	c	29.93	-.13	60	51	+ 3	WNW	9	c	3	c	*	63	55	-
	Skudesnaes ...	29.98	62	W	0	c	29.95	-.10	59	54	0	N	2	0	2	b,c	*	68	52	*
	Færder (Christiania Fjord)	29.92	68	NSW	1	b	29.99	+.06	64	63	0	SW	1	0	1	b	*	77	63	-
	Skagen (The Scaw)	29.98	57	NNW	3	m	30.01	+.05	58	51	- 3	W	0	0	0	m	*	70	50	-
	Fanö	29.99	61	W	0	b	29.97	-.06	61	58	+ 2	E	1	b	*	b	*	72	57	0.20
British Islands	Sumburgh Head	29.92	54	NW	1	0	29.95	+.02	57	53	+ 5	NE	1	b	2	0	*	57	46	-
	Stornoway	29.93	60	E	1	bc	29.89	-.04	57	55	0	W	0	0	0	r,0,bc	3.8	61	44	-
	Wick	29.96	54	W	0	0	29.95	+.01	56	54	+ 3	SE	2	c	2	b	*	62	42	-
	Nairn	29.91	61	E	1	bc	29.89	-.04	56	44	[illegible]	E	1	0	1	bc	*	61	44	-
	Aberdeen ...	29.94	54	NE	2	0	29.95	+.02	53	51	- 1	E	[illegible]	c	1	r,p,0	0.4	57	52	0.02
	Leith	29.93	56	E	1	0	29.93	+.02	53	52	- 2	E	3	0	*	0	*	57	51	0.05
	Shields	29.90	57	N	3	0	29.92	+.03	55	53	- 11	NNE	2	0	3	c,p,0	*	68	52	-
	Spurn Head ...	29.87	63	ENE	2	r	29.90	-.01	57	57	- 11	N	3	0	3	b,thr	*	69	55	0.62
	York	29.97	70	NW	1	0	29.96	+.05	60	58	- 4	NNW	1	0	*	c,t,r	4.0	79	59	-
	Loughborough ...	29.87	67	SE	1	r	29.90	-.03	62	61	- 5	ENE	2	0m	*	p,t,thr	*	77	59	1.20
	Ardrossan ...	29.92	62	NNW	3	0	29.87	-.06	58	56	+ 2	NE	2	0m	1	bc,0	*	63	53	-
	Malin Head ...	29.95	58	NNW	2	b	29.86	-.10	55	53	0	SE	2	0	1	b	*	60	50	-
	Belmullet ...	29.95	61	W	2	bc	29.77	-.23	55	54	- 2	W	2	0	*	bc	*	62	54	0.05
	Donaghadee ...	29.97	59	NNW	4	bc	29.89	-.07	56	54	+ 1	NE	2	m	0	bc	*	66	46	-
	Liverpool (Bidston)	29.93	60	NNW	2	c	29.88	-.04	59	56	- 6	ESE	1	0m	?	b	*	68	53	-
	Holyhead ...	29.95	56	NNW	3	b	29.88	-.05	57	56	+ 3	N	1	0	1	r,c,b	*	57	53	0.23
	Parsonstown ...	29.96	63	W	0	c	29.82	-.17	57	54	+ 3	SE	1	0	*	c	5.0	64	52	-
	Valencia ...	29.97	60	NNW	1	cv	29.69	-.32	57	55	- 3	SE	6	rm	5	cv	7.4	63	52	0.17
	Roche's Point ...	29.97	61	SW	3	bc	29.82	-.16	58	57	- 1	S	4	or	4	bc,r	*	66	55	0.15
	Pembroke (St. Ann's Hd.)	29.92	62	NE	4	b	29.89	-.03	58	56	- 2	SW	3	0	2	c,b	4.5	63	52	-
	Scilly	29.93	63	NNW	4	bc	29.90	-.02	63	59	- 1	SSW	3	c	1	b,bc	6.4	68	57	-
	Prawle Point ...	29.87	64	WNW	4	bc	29.93	+.03	60	56	- 4	WSW	4	0	3	bc,l	*	74	54	-
	Jersey (St Aubin's)	29.89	66	WNW	2	c	29.97	+.07	63	59	- 1	WSW	3	c	3	bc,thr	*	73	60	0.03
	Hurst Castle ...	29.86	68	SW	2	c	29.92	+.01	62	60	- 5	W	0	cm	0	t,l,f	*	76	57	-
	Dungeness ...	29.85	66	ENE	2	bc	29.88	-.06	70	65	+ 2	NNW	1	b	1	bc,l	*	75	60	-
	North Foreland	29.92	72	E	4	c	29.89	-.06	67	62	- 1	E	2	bc	2	c	*	72	61	-
	London (Brixton) ...	29.85	76	SSE	2	0	29.90	-.05	68	64	- 1	NW	1	b	*	r,p,0,b	3.6	86	59	0.01
	Oxford	29.86	62	NNW	1	bc	29.90	-.03	61	60	- 2	SW	1	0dg	*	0,thr	*	76	57	0.82
	Cambridge ...	29.86	70	N	1	thr	29.89	-.06	65	62	- 3	ESE	1	bc	*	thr	3.8	82	58	0.22
	Yarmouth ...	29.89	66	SSE	2	rm	29.86	-.11	64	62	0	NNE	2	b	3	b,rm,thr	*	68	60	0.35
Germany & Holland	Cuxhaven ...	30.00	68	NNE	1	b	29.93	-.13	65	64	+ 3	SE	3	b	*	b	*	70	57	-
	Berlin	30.01	69	NNW	1	b	30.00	-.10	66	59	+ 6	W	1	b	*	b	*	78	57	-
	Wiesbaden ...	*	*	*	*	*	29.94	-.16	67	61	+ 6	W	0	0	*	*	*	79	58	-
	Munich	30.07	64	SE	2	b	30.03	-.13	67	62	+ 5	E	2	b	*	b	*	73	50	-
	The Helder ...	29.92	70	E	1	b	29.87	-.16	67	63	+ 2	NW	1	b	1	b	*	73	64	-
Belgium.	Brussels ...	*	*	*	*	*	29.88	-.13	69	64	0	SW	2	t	*	0	*	74	66	-
	Cape Gris Nez	29.86	72	E	1	c	29.87	-.09	65	63	- 5	W	0	m	0	c	*	77	63	-
	Paris	29.85	81	E	1	b	29.95	-.02	71	67	+ 3	W	0	b	*	b,thr	*	87	61	0.24
	Brest	29.93	65	NNW	2	bc	29.97	+.07	62	58	- 1	W	2	c	2	bc	*	73	55	-
	Lorient	29.93	72	NW	5	bc	29.99	+.20	61	59	+ 2	NNW	4	bc	2	bc	*	77	55	-
France &	Rochefort ...	29.92	73	W	4	bc	30.03	+.14	66	63	- 5	NW	3	b	*	bc	*	81	61	-
	Belfort	29.88	76	ENE	1	bc	29.97	-.04	67	61	+ 4	SW	2	0	*	bc	*	80	56	-
	Lyons	29.91	74	N	3	0	30.01	+.01	67	64	0	SSE	1	0	*	thr	*	94	59	2.76
	Nice	30.01	69	SW	1	bc	30.05	+.05	65	63	- 5	W	0	c	1	bc	*	82	64	-
	Perpignan ...	29.93	75	E	2	0	30.05	+.11	76	67	+ 4	SW	2	b	*	0	*	89	68	-
	Biarritz ...	29.99	69	W	4	0	30.02	+.09	68	64	0	SW	2	b	2	0,l	*	70	63	-
Peninsula.	Corunna ...																*			
	Lisbon	30.00	65	NNW	5	b	30.03	+.02	67	62	- 1	N	4	b	*	b	*	81	64	-
	Azores (P. Delgada)	30.26	71	W	4	bc	30.20	-.06	72	69	+ 1	WSW	4	bc	4	bc	*	75	68	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5.0 hrs; Eastbourne 4.0 hrs.

WEATHER CHARTS

FOR Wednesday, 8th July, 1896.

BAROMETER, WIND AND SEA.

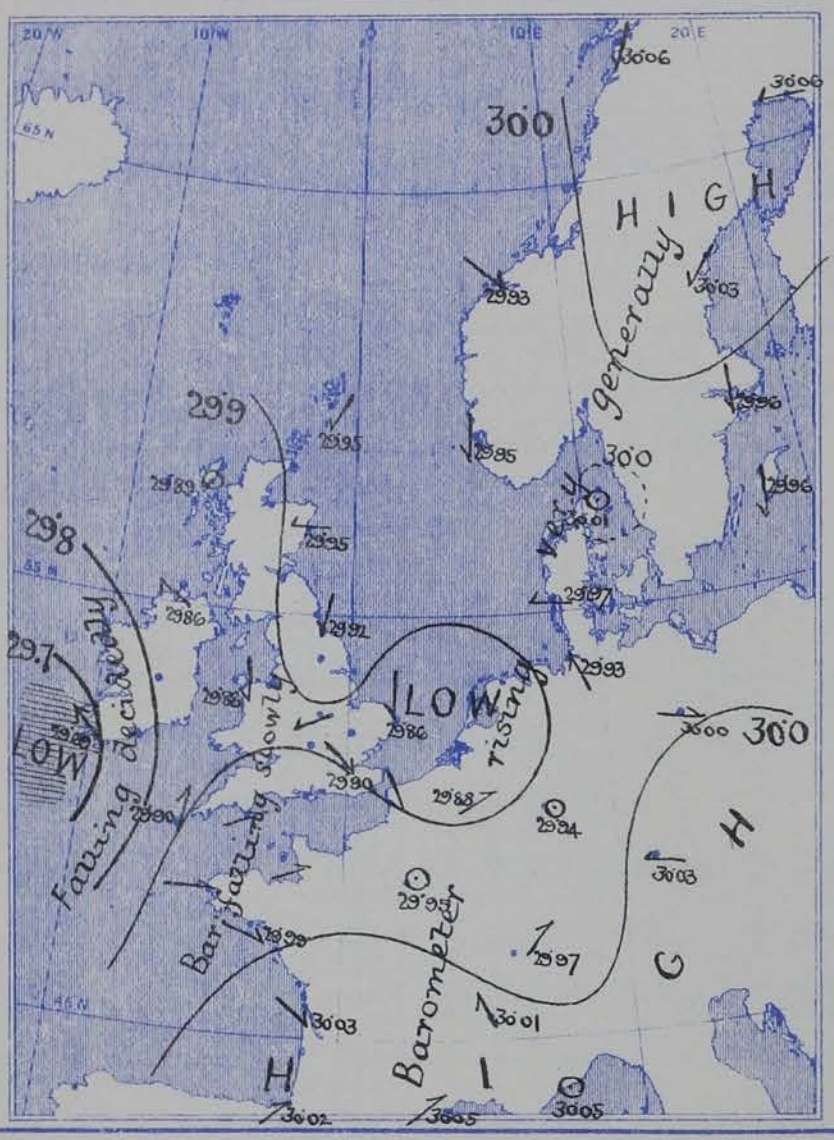
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ↣⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▤ ; *High* ▩

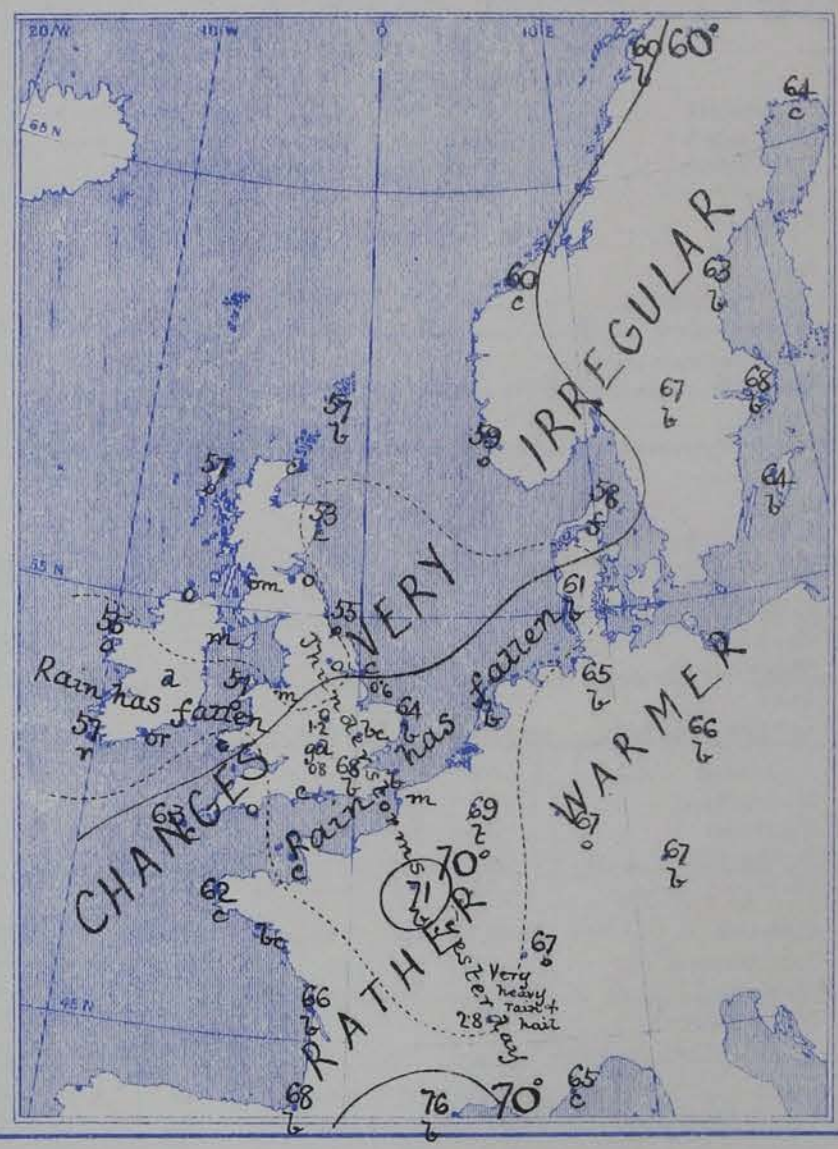


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·908	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 ins: and more over southwestern, southern, and central Europe, as well as over the northern half of Scandinavia.
Lowest, Below 29·7 ins: off the southwest of Ireland, and below 29·95 ins: in a secondary disturbance lying between the mouth of the Thames and the Dutch coast.
Gradients rather steep and increasing, for S. winds off the southwest of Ireland, slight and irregular elsewhere.
Barometer falling decidedly in the southwest of Ireland, slightly on our other coasts, rising over France and also over Sweden.

TEMPERATURE

Highest, 76° at Perpignan, 71° at Paris, 68° in London, 66° at Berlin.
Lowest, 53° at Aberdeen and Leith, and below 57° over Scotland and the north of Ireland generally.
The maxima recorded yesterday were as high as 94° at Lyons, 87° at Paris, 86° in London and 84° at Brussels. At the Scotch stations they ranged from 63 to 57°.

WIND

Light and extremely variable over the eastern half of our area; in the west it has backed to between SE. and S. and blows strongly (and increasing) at Valencia (Ireland).

WEATHER

Very fine over France and the east of England, but thunder is reported at Brussels; in the west the sky is overcast, and rain is falling and both of the stations in the north of Ireland
Thunderstorms have been very prevalent over England, with heavy rain at Oxford, Spurn Hd. and Loughborough. A thunderstorm of exceptional severity is reported from Lyons – where 2·76 ins: of rain and hail have fallen. Bright Sunshine recorded yesterday were Valencia 7·9 hrs, Eastbourne 4·0 hrs, Cambridge and London 3·6 hrs.

SEA

Rather rough, and rising off the southwest of Ireland, smooth in the south and east

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Fine weather is likely to continue over the eastern half of England today, but the unsettled rainy weather in Ireland will probably reach us by tonight or tomorrow morning.

FORECASTS

For the 24 hours ending at NOON on 9th JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. and SE. winds, increasing in force; fair to rainy.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable airs, fine, very warm, then SW. and S. breezes, less fair, probably rain.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	SE. or S. winds, fresh or strong, with rain
7	ENGLAND N.W.	
▼ 8	ENGLAND S.W.	SW. winds, fresh to strong; squally, showery.
▼ 9	IRELAND NORTH	S. to W. winds, strong; squally, rainy.
▼ 10	IRELAND SOUTH	
	WARNINGS	At 10·25 am today to districts 8, 10, and part of 9 "HOIST SOUTH CONE."

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·99	68	59	S	2	b	1	Valencia	30·01	62	55	W	1	c v	3
Sumburgh Head	29·93	55	53	WNW	2	o	2	Scilly	29·92	67	62	WNW	2	b	1
Stornoway	29·93	56	53	N	0	o	0	Jersey	29·89	70	64	W	3	bc	3
Aberdeen	29·95	55	53	NE	2	o q r	2	Hurst Castle ...	29·87	72	61	N	0	c m	0
Shields	29·89	63	59	N	3	c	2	Dungeness ...	29·89	72	66	ENE	2	bc	1
Ardrossan	29·92	62	58	NNW	3	bc	2	North Foreland	29·92	72	64	E	2	c	2
Malin Head ...	29·96	59	51	NNW	1	b	1	London (Westminster)	29·86	81	68	SSE	2	o p	#
Belmullet	30·00	60	53	N	1	bc	#	Yarmouth ...	29·91	68	63	SSE	3	b	3
Holyhead	29·95	56	54	N	4	c r	3	Rochefort ...	29·90	78	74	S	4	bc	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in mainly fair and bright over France, Western Germany, and Ireland, as well as at the Swedish stations. overcast in Russia, with rain at Kharkov; very changeable and unsettled over Great Britain, with rain at the Scotch stations and Holyhead. Thunderstorms occurring very generally over England and Central France later, with heavy local rains. Exceptionally severe storm at Lyons, with 2·76 in. of rain and hail.

Temperature high over Western and northern Europe, low in the east. Morning readings highest 88° at Algiers, 82° at Pakas, 80° at Barcelona, and exceeding 70° at the Mediterranean stations generally and Constantinople; 69° in London, 68° at Kupparanda, 67° at Stockholm. Lowest 1152° at Sumburgh Hd; 53° to 54° on the northeast coast of Scotland generally, 54° at Holyhead; (2) 51° at Prague, 55° at Vienna and Buda Pesth; (3) 55° at Kharkov and Lemberg, 58° at Moscow. Rising later to 94° at Lyons, 87° at Paris, 86° in London, 89° at Berwick, and to between 77° and 81° in the north of Sweden.

Wind (1) light and anticyclonic over Central Europe and Italy; (2) Moderate, but cyclonic, over Russia and the Baltic. (3) Extremely variable, but mainly cyclonic, over the British Islands, but chiefly NW in Ireland. Backing towards W at the Irish stations later, very variable over Great Britain and France.

Barometer highest, 30·1 in. and more over Central Europe and exceeding 30·0 in. in a broad band of irregular outline stretching from the south of Italy over Austria and Germany to the North Sea and Norway; (2) above 30·0 in. in the west of Ireland. Lowest Below 28·4 in. in a depression over the central parts of Russia; (2) Below 29·8 in. at Lorient, below 29·9 in. at Shields, and below 30·0 in. over Great Britain and France generally. A very complex thunderstorm disturbance forming across Great Britain and France during the day and barometer changing fitfully in those countries.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 9th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·06	65	SW	0	c	30·14	+·08	65	55	+ 1	E	2	b	*	c	*	72	61	-
	Hernösand ...	30·09	60	NE	2	b	30·12	+·09	63	57	0	N	2	b	*	b	*	72	54	-
	Stockholm ...	30·03	63	N	4	b	30·10	+·14	64	59	- 4	NW	2	b	*	b	*	77	57	-
	Wisby	30·03	63	ESE	4	b	30·01	-·11	63	58	- 1	N	4	b	*	b	*	68	59	-
	Karlstad ...	29·99	72	SSW	1	b	30·06	+·07	67	59	0	ESE	4	b	*	b	*	*	*	-
	Bodö	29·99	66	SW	0	b	30·03	-·03	72	60	+ 12	E	4	b	2	b	*	?	55	-
	Christiansund ...	30·02	62	N	1	c	29·99	+·06	63	60	+ 3	NE	1	c	2	c	*	66	57	-
	Skudesnaes ...	29·97	62	SE	2	0	29·93	-·02	66	61	+ 7	ENE	2	0	1	0	*	66	59	*
	Færder (Christiania Fjord)	30·00	66	S	1	bc	30·04	+·05	67	61	+ 3	SW	0	0	0	bc	*	67	64	-
	Skagen (The Scaw)	30·02	67	SW	0	m	30·04	+·03	67	65	+ 9	SSE	1	m	0	m	*	81	54	-
	Fanö	29·96	68	SSE	3	b	29·95	-·02	66	63	+ 5	SSE	4	bc	*	b	*	84	59	-
	Sumburgh Head	29·90	54	NE	2	c	29·80	-·15	54	54	- 3	NE	2	0	4	c	*	58	52	0·06
	Stornoway ...	29·84	58	SW	0	r	29·77	-·12	55	54	- 2	NNW	3	0	3	q r	0·0	61	52	0·16
	Wick	29·89	55	SE	3	0	29·79	-·17	54	54	- 2	SE	2	d	1	0	*	59	53	0·40
	Nairn	29·80	58	E	2	0	29·75	-·14	55	55	- 1	SW	0	0	1	0	*	63	51	0·24
	Aberdeen ...	29·89	54	SE	1	c	29·76	-·19	54	54	+ 1	SE	1	o g f r	1	o.c.r	0·4	58	53	0·33
British Islands.	Leith	29·85	55	E	2	0	29·71	-·22	56	56	+ 3	ENE	1	r m	*	0	*	57	52	0·83
	Shields	29·88	56	NE	1	0	29·76	-·16	62	60	+ 7	S	2	o m	2	d.o.r	*	62	54	0·12
	Spurn Head ...	29·88	56	E	3	f	29·86	-·04	68	66	+ 11	SSW	3	c	3	o f.r	*	68	55	0·03
	York	29·87	67	ESE	1	c	29·83	-·13	63	62	+ 3	S	2	0	*	c	7·5	67	57	0·06
	Loughborough ...	29·86	72	SSE	1	0	29·88	-·02	64	62	+ 2	S	2	0	*	o m.c.o p	*	74	60	0·01
	Ardrossan ...	29·80	60	SW	0	p m	29·70	-·17	57	57	- 1	NW	2	o m	1	o.p m	*	64	55	0·92
	Malin Head ...	29·80	54	E	4	o r	29·78	-·08	55	54	0	N	5	c	4	o.r	*	59	51	0·17
	Belmullet ...	29·70	55	E	4	r	29·87	+·10	56	53	+ 1	NNE	6	bc	*	o r	*	57	54	1·15
	Donaghadee ...	29·82	55	ENE	3	r	29·78	-·11	55	55	- 1	NNW	5	0	3	r	*	59	53	1·39
	Liverpool (Bidston)	29·83	62	W	1	0	29·80	-·08	65	63	+ 6	SE	1	0	1	o.o p	*	71	58	0·21
	Holyhead ...	29·83	56	S	2	m q r	29·76	-·12	60	60	+ 3	S	3	f	2	o m p.r	*	64	55	1·21
	Parsonstown ...	29·67	59	SE	2	c	29·75	-·07	54	53	- 3	SW	0	o r	*	o.r	0·5	64	54	1·08
	Valencia ...	29·62	63	S	3	o m	29·77	+·08	58	55	+ 1	N	6	o q	5	o r m.o	0·0	65	55	0·59
	Roche's Point ...	29·67	60	S	4	f	29·66	-·16	60	60	+ 2	SW	2	r	4	r.f.r	*	61	55	0·85
	Pembroke (St. Ann's Hd.)	29·80	60	SW	5	r	29·77	-·12	60	60	+ 2	SW	4	o q m	5	c.r	3·0	65	56	0·53
	Scilly	29·82	63	SSW	5	m	29·75	-·15	63	63	0	S	6	m	4	o r.m	0·5	67	61	0·16
	Prawle Point ...	29·92	62	SSW	3	r	29·89	-·04	61	60	+ 1	SSE	4	c	2	c.r	*	63	59	0·01
	Jersey (St. Aubin's)	29·98	65	S	3	o q	29·97	·00	68	62	+ 5	SSE	3	b	3	c.o	*	70	57	-
	Hurst Castle ...	29·96	64	SW	2	0	29·92	00	66	63	+ 4	SSW	2	c	2	o m.o	*	67	61	-
	Dungeness ...	29·93	64	SW	4	c	29·97	+·09	65	62	- 5	S	3	bc	2	c	*	70	60	-
	North Foreland	29·93	72	SW	3	0	29·98	+·09	65	61	- 2	S	3	bc	2	c.o	*	80	59	-
	London (Brixton) ...	29·92	68	SW	3	0	29·96	+·06	71	60	+ 3	SE	2	bc	*	bc.o.bc	7·3	83	60	-
	Oxford	29·92	64	SSW	2	0	29·91	+·01	66	62	+ 5	S	2	c	*	0	*	74	60	-
	Cambridge ...	29·88	75	SW	2	0	29·92	+·03	69	63	+ 4	SSW	3	c	*	bc.o	7·8	79	60	-
	Yarmouth ...	29·88	65	SE	2	c	29·92	+·06	70	63	+ 6	SW	3	b	3	b.c	*	70	60	-
Germany & Holland.	Cuxhaven ...	29·92	72	SE	3	0	29·96	+·03	69	67	+ 4	SSE	2	c	*	0	*	77	61	-
	Berlin	29·97	73	NE	1	bc	30·04	+·04	71	62	+ 5	ESE	2	b	*	bc	*	82	65	-
	Wiesbaden ...	*	*	*	*	*	30·08	+·14	68	64	+ 1	W	0	bc	*	*	*	79	59	-
	Munich	30·12	67	W	2	c	30·21	+·18	69	64	+ 2	W	3	b	*	c	*	82	59	0·08
	The Helder ...	29·90	72	WSW	1	b	29·98	+·11	65	61	- 2	SW	1	c	1	b	*	77	64	-
Belgium.	Brussels ...	*	*	*	*	*	30·02	+·14	73	60	+ 4	W	0	b	*	bc	*	83	60	-
	Cape Gris Nez ...																*			
	Paris	29·97	80	WSW	1	c	30·04	+·09	70	66	- 1	W	0	b	*	c	*	84	59	-
	Brest ...	29·96	64	S	3	c	29·88	-·09	64	62	+ 2	S	4	bc	3	c	*	66	59	-
	Lorient	29·98	69	SW	4	bc	29·97	-·02	61	59	0	SSW	3	c	2	bc	*	72	54	-
France &	Rochefort ...	30·05	70	NW	4	b	29·95	-·08	70	68	+ 4	E	1	c	*	b	*	75	63	-
	Belfort	29·97	71	WSW	1	b	30·05	+·08	69	65	+ 2	W	0	c	*	b	*	78	57	-
	Lyons	30·01	80	ENE	1	b	30·05	+·04	71	66	+ 4	WSW	1	b	*	b	*	84	63	-
	Nice	30·05	73	W	0	b	30·11	+·06	69	67	+ 4	W	0	b	-	b	*	81	63	-
	Perpignan ...	30·02	77	E	2	b	30·04	-·01	71	67	- 5	NE	2	bc	*	b	*	86	62	-
	Biarritz ...	29·98	71	N	3	b	30·00	-·02	69	66	+ 1	W	4	c	2	b.l	*	75	66	-
Peninsula.	Corunna ...																*			
	Lisbon ...	30·08	66	N	4	bc	30·12	+·09	68	62	+ 1	N	4	0	*	bc	*	77	64	-
	Azores (P. Delgada)	30·19	69	NNW	3	c	30·22	+·02	71	67	- 1	ENE	2	c	2	c	*	75	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·2 hrs; Eastbourne 9·6 hrs.

WEATHER CHARTS

FOR Thursday. 9th July, 1896.

BAROMETER, WIND AND SEA.

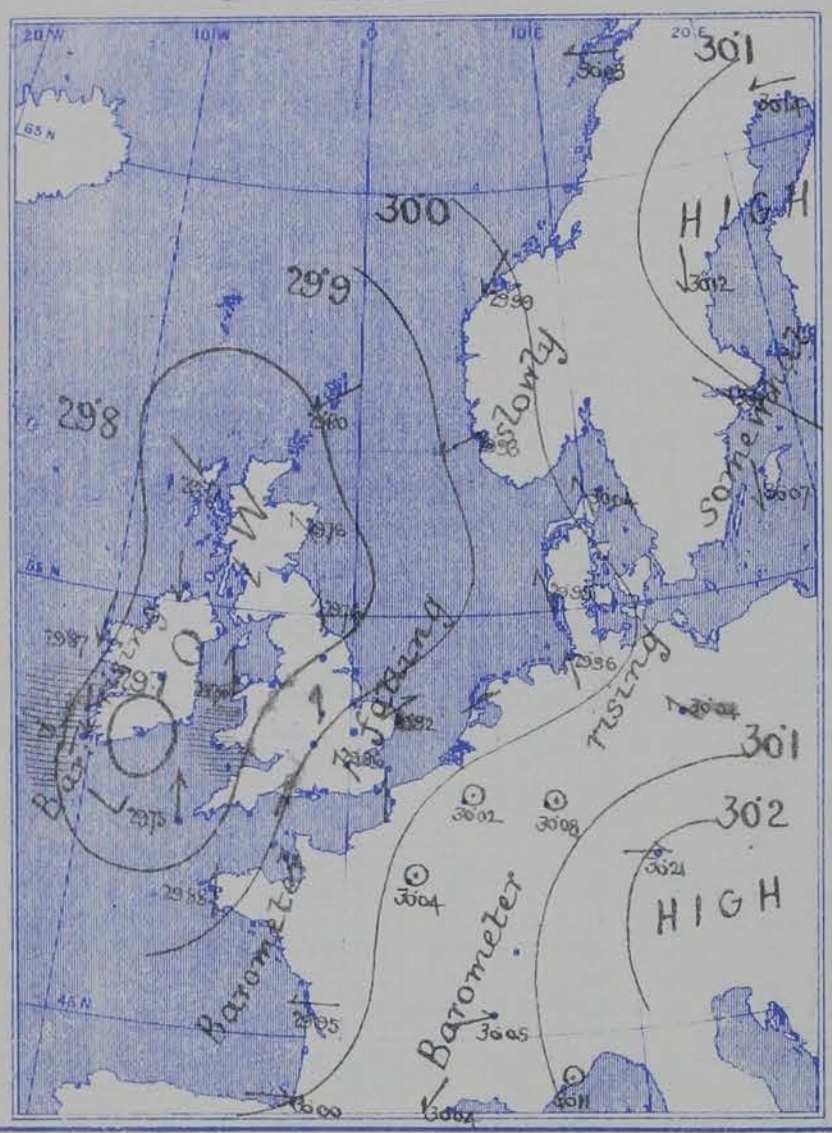
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩


20°W
10°W
0
10°E
20°E
65 N
55 N
45 N
300
299
298
297
301
302
HIGH
Barometer
Barometer
Barometer
Rising slowly
Rising
Some what
Steady
Steady
Barometer
Barometer
Barometer

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and more to 30·0 ins: over Central Europe, the Baltic, and Sweden

Lowest, 29·7 ins: to 29·8 ins: in a complex low pressure system covering Scotland, Ireland, and the Irish Sea.

Gradients slight to moderate. Barometer not changing much anywhere.

TEMPERATURE

Highest (1) 73° at Brussels, 71° at Lyon and in London, 70° at Paris and Yarmouth (2) 72° at Bodö, 67° at Karlstad.

Lowest, 54° to 55° over the northern half of Scotland and the northern and central parts of Scotland.

The highest of the maxima recorded yesterday were 86° at Perpignan, 84° at Paris, 83° at Brussels and in London, and 74° at Loughborough

At several of the Scotch stations the maxima were below 60°

WIND

Light to moderate and variable from between SE. and SW. over the Channel, England, and the North Sea; strong at Scilly.

Moderate to strong from the N^Ed over Ireland.

WEATHER

Very fine and warm over France and England, dull over Scotland and Ireland, with rain in places.

Large quantities of rain (1·0 in: to 1·4 ins:) have fallen at several of the Irish stations and Holyhead, and 0·9 in: to 0·8 in: in the south of Scotland; the southern and southeastern parts of England escaped, as well as France and the greater part of Germany. Holyhead is the only station reporting thunder. Bright Sunshine recorded yesterday were – at Eastbourne 9·6 hrs, and at Cambridge, Gordon Park about 7½ hours.

SEA

Rather rough in the extreme west and southwest, slight to smooth in the east and south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 10TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying and N^Ed winds; rain at times, some thunder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S^Ed breezes, moderate, very warm; then Varying and N^Ed winds, rainy thundery, cooler.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	N^Ed winds, rain at times, some thunder, cooler.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	At 10·20 am to districts 8, 10, and part of 9 "Lower Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·97	63	60	S	2	0	1	Valencia	29·61	65	63	SE	6	rm	6
Sumburgh Head	29·94	55	54	E	2	c	2	Scilly	29·85	63	62	S	5	r	3
Stornoway	29·86	61	57	ESE	1	0	1	Jersey	30·01	70	58	W	1	c	*
Aberdeen	29·92	58	52	E	1	c	1	Hurst Castle ...	29·96	66	62	SW	3	om	2
Shields	29·91	56	55	NE	2	0	3	Dungeness ...	29·91	66	63	SW	4	c	3
Ardrossan	29·82	63	60	NE	1	0	1	North Foreland	29·91	75	68	SW	3	c	3
Malin Head ...	29·83	56	55	SE	3	0	2	London (Westminster)	29·89	82	67	SW	3	0	
Belmullet	29·72	55	54	E	3	or	*	Yarmouth ...	29·90	68	63	NNE	2	b	3 *
Holyhead	29·85	63	61	S	2	omp	1	Rochefort ...	30·07	72	68	NW	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and light over the Mediterranean, France, Germany, and Scandinavia, as well as the east of England, very rainy in Ireland, dull in Wales and Scotland; dull over Russia with rain in places. Very heavy rains later over many of the western and northern parts of the United Kingdom, and sky looking very unsettled over England; thunderstorm occurring at Holyhead, lightning at Biarritz.

Temperature rising over Russia, falling over Ireland. Morning readings highest 87° at Algiers, 83° at Madrid, and exceeding 70° at all Mediterranean stations; 71° at Paris, 70° at Dungeness, and 68° in London and at Stockholm. Rising later to between 80° and 86° in the south of France, to 84° at Paris, 83° at Brussels and in London, but not touching 70° over Ireland or the north of England and not touching 60° at several stations in Scotland and the north of Ireland.

Wind (1) light and anticyclonic over southern and central Europe, as well as over the Gulf of Bothnia and Scandinavia; (2) light NE to NW (cyclonic) over Russia; (3) SE and Variable (cyclonic) over the British Islands, and blowing strongly at Valencia. S to E breezes becoming more general over the British Islands later.

Barometer highest 30·1 ins. and more to 30·0 ins. over nearly the whole of southeastern, southern and central Europe, and exceeding 30·0 ins. over the northern part of Scandinavia and Finland, with Lapland. Lowest, below 29·5 ins. in a large depression over Russia, and below 29·7 ins. in a new system approaching the Irish coasts from the Atlantic. The latter system spreading over Ireland and Scotland later, but barometer showing a tendency to rise over the Continent and east of England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 10th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·04	65	Z	0	b	30·04	-.10	67	60	+ 2	Z	0	b	*	b	*	79	54	-
	Hernösand ...	30·08	62	Z	0	b	29.99	-.13	66	60	+ 3	Z	0	b	*	b	*	77	52	-
	Stockholm ...	30·08	64	Z	0	b	30·03	-.07	70	62	+ 6	Z	0	b	*	b	*	73	57	-
	Wisby	30·10	62	SE	2	b	30·06	-.01	64	59	+ 1	S	2	b	*	b	*	68	54	-
	Karlstad ...	29.99	56	SE	4	bc	29.95	-.11	69	65	+ 2	SE	4	0	*	bc	*	*	*	-
	Bodö	29.97	70	Z	0	bc	29.87	-.16	70	60	- 2	E	4	c	2	b	*	72	59	-
	Christiansund ...	29.87	68	N	1	0	29.73	-.26	67	61	+ 4	S	1	c	2	0	*	68	61	0·12
	Skudesnaes ...	29.89	61	S	6	rf	29.90	-.03	56	56	- 10	W	2	r	3	0.rf	*	66	55	*
	Færder (Christiania Fjord)	29.98	68	ESE	1	0	30·01	-.03	64	63	- 3	S	2	0	2	0	*	73	64	0·04
	Skagen (The Scaw)	29.99	69	ENE	2	m	29.97	-.07	63	62	- 4	SSW	1	r	0	m	*	79	61	0·16
	Fanö	30·00	63	SW	2	c	29.95	.00	65	61	- 1	ESE	3	b	*	c	*	79	61	-
	Sumburgh Head	29.70	55	W	1	r	29.96	+.16	53	52	- 1	NW	3	0	4	r	*	55	50	0·28
	Stornoway ...	29.90	57	N	3	bc	30·12	+.35	55	51	0	NNW	3	bc	3	c,o,bc	5·5	57	44	-
	Wick	29.83	56	NW	3	r	30·10	+.31	55	54	+ 1	NW	5	bcp	2	r	*	60	47	0·39
	Nairn	29.83	58	NNW	2	c	30·11	+.36	58	55	+ 3	Z	0	c	1	c	*	62	43	0·10
	Aberdeen ...	29.81	58	NW	1	c	30·11	+.35	57	52	+ 3	NW	3	bc	2	o qq.p	0·3	59	48	0·24
British Islands.	Leith	29.82	60	Z	0	0	30·12	+.41	63	55	+ 7	NNW	1	b	*	0	*	74	52	0·27
	Shields	29.80	66	NSW	2	tlr	30·12	+.36	56	53	- 6	NE	4	0	3	tlr	*	73	54	0·42
	Spurn Head ...	29.84	67	ESE	2	bc	30·05	+.19	59	58	- 9	N	4	0	3	bc l	*	75	58	-
	York	29.76	74	S	3	0	30·09	+.26	58	55	- 5	NNW	3	0	*	c, o	2.9	75	56	0·41
	Loughborough ...	29.85	74	SSW	2	bc	30·04	+.16	59	58	- 5	N	4	g d m	*	c,bc,o m	*	78	59	-
	Ardrossan ...	29.84	61	NW	3	bc	30·13	+.43	59	55	+ 2	W	3	b	2	o, bc	*	62	55	0·02
	Malin Head ...	29.94	55	N	7	c	30·16	+.38	60	57	+ 5	N	2	bc	2	o, c	*	60	53	-
	Belmullet ...	30·05	57	N	5	bc	30·18	+.31	58	53	+ 2	N	2	0	*	bc	*	60	53	-
	Donaghadee ...	29.90	58	NNW	6	c	30·15	+.37	57	55	+ 2	NNW	6	b	4	r, c	*	60	52	0·18
	Liverpool (Bidston)	29.82	61	NNE	3	r	30·07	+.27	62	58	- 3	ENE	1	0	1	o, tlr	*	74	57	0·44
	Holyhead ...	29.84	55	N	5	r q m	30·11	+.35	57	55	- 3	N	4	b	3	rf. r m	*	64	53	1·24
	Parsonstown ...	29.93	62	NW	2	bc	30·22	+.47	55	50	+ 1	Z	0	b	*	o, bc	3·4	63	42	0·21
	Valencia ...	29.99	61	N	6	bcq	30·19	+.42	59	53	+ 1	ENE	2	c	2	bcq	8·5	63	47	-
	Roche's Point ...	29.90	64	N	4	b	30·19	+.53	57	53	- 3	N	2	b	3	r. b	*	65	50	0·25
	Pembroke (St. Ann's Hd.)	29.82	61	SW	3	0	30·11	+.34	56	53	- 4	NW	4	0	3	0	0.4	63	54	0·18
	Scilly	29.78	63	NSW	3	m	30·09	+.34	60	57	- 3	N	5	c	4	o m	2·2	71	57	-
	Pravle Point ...	29.86	63	SSW	6	c	30·03	+.14	68	63	+ 7	NNW	3	bc	2	cf. r m	*	68	58	0·01
	Jersey (St. Aubin's)	29.93	73	SW	3	b cv	30·05	+.08	62	61	- 6	SW	3	o d m	3	b, bcv	*	74	60	0·01
	Hurst Castle ...	29.91	69	S	2	cu	30·03	+.11	64	62	- 2	SW	1	o m	1	c	*	73	62	-
	Dungeness ...	29.90	68	Z	0	b	30·01	+.04	66	63	+ 1	WSW	2	bc	1	b, l	*	72	59	-
	North Foreland	29.91	79	S	2	b	30·02	+.04	70	64	+ 5	W	2	bc	2	b	*	82	61	-
	London (Brixton) ...	29.90	77	SSW	3	bv	30·02	+.06	65	61	- 6	WSW	2	0	*	c, bc, b	11·5‡	83	60	-
	Oxford	29.88	69	SSW	2	0	30·03	+.12	63	60	- 3	NW	3	0	*	bc, o	*	76	60	-
	Cambridge ...	29.86	79	SW	2	b	30·01	+.09	66	62	- 3	W	1	0	*	b	11·0	86	57	-
	Yarmouth ...	29.88	68	SSE	3	b	29.98	+.06	69	64	- 1	NW	2	b	2	b	*	71	60	-
Germany & Holland.	Cuxhaven ...	30·00	72	N	1	bc	29.93	-.03	73	?	+ 4	SE	3	b	*	bc	*	79	64	-
	Berlin	30·02	77	SW	1	bc	30·02	-.02	75	66	+ 4	WSW	2	b	*	bc	*	90	68	-
	Wiesbaden ...	*	*	*	*	*	30·06	-.02	71	64	+ 3	Z	0	bc	*	*	*	86	64	-
	Munich	30·15	70	SE	2	b	30·17	-.04	72	67	+ 3	NW	2	b	*	b	*	79	57	-
	The Helder ...	29.96	76	Z	0	b	29.93	-.05	66	62	+ 1	NNW	1	b	1	b	*	76	65	-
Belgium.	Brussels ...	*	*	*	*	*	30·01	-.01	70	63	- 3	NW	2	0	*	b	*	86	65	-
	Cape Gris Nez ...	29.93	73	N	1	b	30·02		66	61		NNW	1	bc	1	b	*	75	57	-
	Paris	29.94	73	SSW	2	bc	30·07	+.03	71	65	+ 1	SSE	2	b	*	bc	*	89	?	-
	Brest	29.92	64	SW	3	c	30·08	+.20	62	60	- 2	NNW	2	f	3	c	*	68	59	-
	Lorient	30·00	69	SW	5	bc	30·09	+.12	61	61	0	W	4	0	4	bc	*	73	55	-
France &	Rochefort ...	30·06	70	NW	4	bc	30·14	+.19	65	64	- 5	WNW	3	r	*	bc	*	77	63	0·04
	Belfort	29.95	64	W	1	b	30·03	-.02	72	66	+ 3	W	1	m	*	b	*	86	?	-
	Lyons	29.97	84	E	1	bc	30·07	+.02	73	65	+ 2	NNW	2	b	*	b tl	*	90	65	-
	Nice	30·08	72	W	1	bc	30·05	-.06	70	66	+ 1	Z	0	b	0	bc	*	82	66	-
	Perpignan ...	30·04	?	NE	2	b	30·07	+.03	77	69	+ 6	W	2	b	*	b	*	79	62	-
	Biarritz ...	30·05	72	NNW	2	c	30·08	+.08	67	65	- 2	Z	0	0	2	c	*	77	64	-
Peninsula.	Corunna ...																*			
	Lisbon	30·12	67	NNW	4	b	30·15	+.03	68	61	0	N	5	bc	*	b	*	79	66	-
	Azores (P. Delgada)	30·26	68	NE	3	c	30·26	+.04	71	64	0	Z	0	b	2	c	*	75	63	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

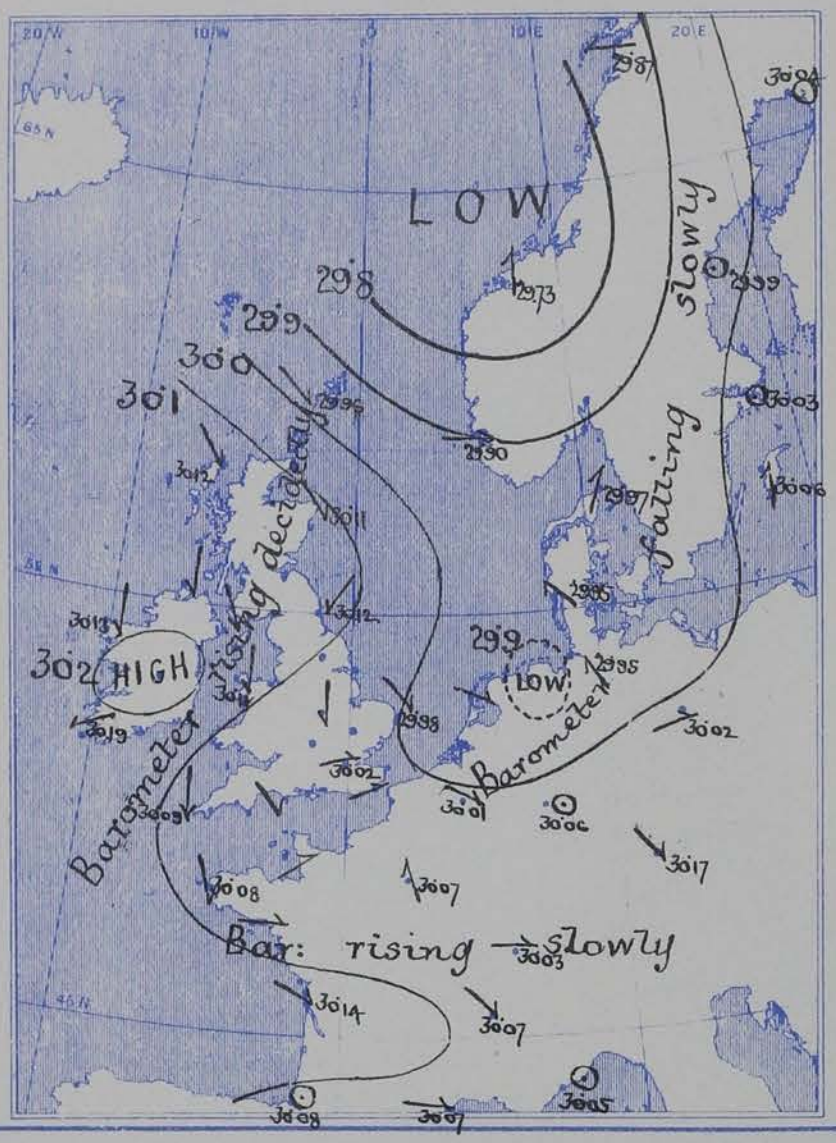
Bright Sunshine yesterday Southport 1·1 hrs; Eastbourne more than 13·0 hrs. ‡ 11·5 hrs up to 5·30 pm probably 13·0 hrs.

WEATHER CHARTS

FOR Friday 10th July, 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ⟫⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙
Force 8 to 10 ⟩⟶ ; Force 1 to 4 ⟶ ; }
SEA—Rough ▤ ; High ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, (1) 30·2 ins: and more to 30·1 ins: over the northern and western parts of our Islands and over the Bay of Biscay, (2) 30·1 ins: and more over South Germany.
Lowest, about 29·7 ins: off the west of Norway, and about 29·9 ins: off the north coast of the Netherlands.
Gradients slight and becoming favourable for N$^{\frac{1}{2}}$ winds all over the country.
Barometer rising in our Islands, and at most of the French and German stations, falling over Scandinavia and Denmark

TEMPERATURE — Highest, 70° to 75° at the stations over Germany and Central France, 70° at Bodö also, 69° at Karlstad.
Lowest, 53° at Lerwick, Hd. 55° at Wick, Stornoway, and Parsonstown, 57° at Aberdeen and Holyhead.
The highest of the maxima recorded yesterday were 90° at Lyons and Berlin, 89° at Paris, 86° at Cambridge, 83° in London, 82° at the North Foreland; at Haparanda, the Scaw and Fanö 79° were recorded.

WIND — NW$^{\frac{1}{2}}$ to N$^{\frac{1}{2}}$ over all but our southeastern counties, where it is W$^{\frac{1}{2}}$; SE$^{\frac{1}{2}}$ over Holstein, very light from the Sth. and calm, over Scandinavia.

WEATHER — Fine and bright over Germany, many parts of France, and in the west and north of our Islands; dull over England, with slight misty drizzle in places.
Rain has again fallen in the west and north — very heavily at Holyhead, and thunderstorms have occurred in a few places.
Bright Sunshine recorded yesterday was in London about 13 hrs, at Eastbourne more than 13 hrs.

SEA — Moderate in the extreme west and north, smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Northwesterly winds and dry weather are again spreading over Great Britain from the westward.

FORECASTS

For the 24 hours ending at NOON on 11TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N$^{\frac{1}{2}}$ winds, light or moderate; fine.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	N$^{\frac{1}{2}}$ breezes, moderate; becoming fine and bright again.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Light N$^{\frac{1}{2}}$ and Variable breezes; fine generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* (▽), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (△), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·89	66	61	S	6	0	3
Sumburgh Head	29·73	54	54	NE	2	rf	4
Stornoway	29·82	57	54	N	4	0	4
Aberdeen	29·74	58	58	NW	3	ogqr	2
Shields	29·75	72	66	SSW	4	c	2
Ardrossan	29·83	58	57	NW	2	0	1
Malin Head ...	29·88	56	55	N	7	0	4
Belmullet	29·98	58	54	N	5	bc	*
Holyhead	29·80	64	64	N	1	rqf	0
Valencia	29·89	63	57	N	6	bcqj	6
Scilly	29·74	69	65	S	5	om	4
Jersey	29·94	72	66	ESE	2	b	2
Hurst Castle ...	29·94	73	64	SSW	3	c	2
Dungeness ...	29·94	70	65	SW	1	b	1
North Foreland	29·95	78	68	S	2	b	2
London (Westminster)	29·91	79	64	S	3	bcv	*
Yarmouth ...	29·91	68	64	SSE	5	b	3
Rochefort ...	30·04	75	71	NNW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair and light over the Mediterranean, Spain, France, North Germany, the Baltic and Sweden, as well as over south-eastern Europe generally; cloudy and unsettled over the British Islands, with rain at the western and northern stations; dull and rainy over Russia also. Further falls of rain in the west and north later (heavy at Holyhead) thunder and lightning in the north of England and at Lyons.

Temperature not changing much. Morning readings highest 91° to 79° at the Algerian stations, 76° at Constantinople 79° at Trieste, 71° in London and at Berlin; 72° at Bodö also, 67° at Karlstad. Lowest (1) 54° to 55° at most of the Scotch stations and at three in the north of Ireland; (2) 55° at Archangel, 59° at St Petersburg, 60° at Kharkov. Rising later to 90° at Lyons and Berlin, to 89° at Paris, 86° at Cambridge, and 83° in London, and touching 79° at the Danish stations and at Haparanda. Succeeding night very warm over England.

Wind very variable. (1) Light and anticyclonic over the Mediterranean, Southern, Central, and northern Europe; (2) light and cyclonic, (NE³ to N³ and NW³) over Russia; (3) Cyclonic, light to strong, over the British Islands — S³ in the east, N³ in the west. The N³ winds in the west spreading eastwards later, and blowing strongly in places.

Barometer highest 30·2 in: to 30·0 in: over southern, central, and northern Europe, and reading 30·1 in: over the south-west of Spain. Lowest, (1) 29·3 in: and less, in a well marked depression over Central Russia; (2) 29·8 in: to 29·7 in: and less, in a complex disturbance ("trough") over the north and west of our Islands, and having two distinct minima — one over the south-west of Scotland, the other near Rockall Point. The western system moving eastwards later, and becoming still more complex. Barometer rising decidedly in its rear.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 11th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.93	64	NW	0	b	29.93	-.11	68	61	+ 1	NW	0	b	*	b	*	73	57	-
	Hernösand ...	29.88	58	NW	0	0	29.79	-.20	61	58	- 5	NE	2	r	*	0	*	73	52	0.04
	Stockholm ...	29.88	66	NW	0	0	29.75	-.28	62	60	- 8	NW	0	0	*	0	*	79	57	0.28
	Wisby	29.91	66	S	4	0	29.78	-.28	64	61	0	WNW	6	c	*	0	*	75	52	0.32
	Karlstad ...	29.81	68	SW	2	r	29.80	-.15	52	51	- 17	NW	6	r	*	tlr	*	*	*	0.47
	Bodö	29.77	69	E	2	c	29.93	+.06	53	51	- 17	WSW	4	0	2	c	*	79	52	0.12
	Christiansund ...	29.99	52	W	6	r	30.15	+.42	52	49	- 15	WNW	6	c	4	r	*	67	50	0.35
	Skudesnaes ...	30.10	54	NNW	6	0	30.26	+.36	54	50	- 2	NNW	6	bc	2	c,0	*	63	50	*
	Færder (Christiania Fjord)	29.84	65	NSW	2	bc	29.95	-.06	62	59	- 2	WNW	4	c	2	bc	*	66	57	0.51
	Skagen (The Scaw)	29.88	62	W	3	bc	29.98	+.01	62	55	- 1	NW	4	bc	0	bc	*	72	57	0.04
	Fanö	30.06	57	NW	6	c	30.15	+.20	57	52	- 8	NW	6	c	*	c	*	82	54	0.28
	Sumburgh Head	30.16	55	WNW	2	b	30.24	+.28	55	52	+ 2	W	0	b	2	b	*	57	44	-
	Stornoway ...	30.19	61	E	1	0	30.15	+.03	56	54	+ 1	S	3	b	3	c,0	5.0	61	44	-
	Wick	30.25	56	NW	2	b	30.23	+.13	56	53	+ 1	E	1	b	1	b	*	62	46	-
	Nairn	30.18	62	E	2	bc	30.20	+.09	57	54	- 1	W	0	b	1	bc	*	67	40	-
	Aberdeen ...	30.25	55	S	2	c	30.26	+.15	57	54	0	SE	2	b	1	c,b	7.7	65	49	-
	Leith	30.20	66	W	0	c	30.24	+.12	60	57	- 3	NNW	1	om	*	c	*	67	53	-
	Shields	30.25	56	ENE	2	c	30.29	+.17	61	55	+ 5	SSE	3	bc	3	bc,c	*	61	51	-
	Spurn Head ...	30.24	59	NNE	5	bc	30.32	+.27	60	57	+ 1	ENE	2	cv	2	bcv	*	63	51	-
	York	30.24	65	NNE	2	b	30.33	+.24	57	54	- 1	SSE	1	c	*	0,b	2.0	66	49	-
	Loughborough ...	30.23	64	SE	2	0	30.33	+.29	60	56	+ 1	SE	1	cw	*	0,cm	*	65	48	-
British Isles	Ardrossan ...	30.19	63	N	2	c	30.22	+.09	59	57	0	E	2	om	2	bc,c	*	65	53	-
	Malin Head ...	30.18	56	E	3	0	30.13	-.03	62	60	+ 2	S	3	bc	1	bc,0	*	62	53	-
	Belmullet ...	30.19	58	N	2	0	30.12	-.06	59	58	+ 1	S	4	0	*	0	*	62	53	0.04
	Donaghadee ...	30.22	58	NE	4	c	30.22	+.07	62	60	+ 5	ENE	3	bc	1	c	*	63	51	-
	Liverpool (Bidston)	30.20	66	E	1	0	30.28	+.21	60	54	- 2	SE	2	c	2	0	*	70	54	-
	Holyhead ...	30.20	60	NNE	2	mq	30.24	+.13	61	60	+ 4	S	1	opm	0	c,qm	*	62	55	-
	Parsonstown ...	30.24	65	W	0	0	30.21	-.01	63	55	+ 8	SW	1	bc	*	0	6.5	66	53	-
	Valencia ...	30.23	59	SSW	1	0	30.19	.00	62	59	+ 3	SSE	4	oq	4	c,0	6.2	62	53	-
	Roche's Point ..	30.23	60	SW	3	c	30.25	+.06	63	58	+ 6	S	2	b	2	c	*	63	55	-
	Pembroke (St. Ann's Hd.)	30.19	62	NE	5	0	30.22	+.11	62	60	+ 6	SE	4	0	3	c,0	6.4	66	55	-
	Scilly	30.20	63	NW	4	c	30.22	+.13	60	59	0	N	3	0	1	c	9.2	64	58	-
	Prawle Point ...	30.14	70	WSW	3	b	30.25	+.22	58	56	- 10	ENE	6	0	4	c,b,cf	*	71	57	-
	Jersey (St. Aubin's)	30.16	67	WNW	3	bc	30.24	+.19	66	61	+ 4	ESE	3	0	3	bc	*	70	60	-
	Hurst Castle ...	30.15	67	SW	1	cm	30.27	+.24	65	59	+ 1	ENE	2	cm	1	cm	*	73	59	-
	Dungeness ...	30.11	64	WSW	3	ou	30.25	+.24	62	57	- 4	ENE	4	0	3	c,0	*	70	57	-
	North Foreland	30.17	61	NE	4	0	30.30	+.28	62	55	- 8	E	2	bc	2	bc,0	*	73	57	-
	London (Brixton) ...	30.16	69	NE	2	0	30.28	+.26	64	57	- 1	NNE	1	b	*	c,0,b	3.3	76	53	-
	Oxford	30.23	61	NE	4	0	30.30	+.27	58	54	- 5	ENE	1	c	*	0,c	*	66	48	-
	Cambridge ...	30.21	66	NNE	3	b	30.32	+.31	56	54	- 10	NNE	1	c	*	c,b	5.2	70	45	-
	Yarmouth ...	30.18	63	NNE	4	c	30.29	+.31	61	57	- 8	ENE	3	b	3	c	*	69	57	-
Germany & Holland.	Cuxhaven ...	29.99	66	N	3	0	30.19	+.26	59	58	- 14	N	5	0	*	0	*	79	57	-
	Berlin	?	80	W	1	c	30.08	+.06	64	59	- 11	WNW	5	c	*	c	*	90	61	-
	Wiesbaden ...	*	*	*	*	*	30.19	+.13	67	62	- 4	N	2	bc	*	*	*	90	64	0.87
	Munich... ..	30.12	75	SE	2	c	30.21	+.04	66	64	- 6	W	1	0	*	c	*	82	61	0.55
	The Helder ...	30.14	60	NNE	3	c	30.25	+.32	59	54	- 7	NNE	2	0	1	c	*	68	57	-
Belgium.	Brussels ...	*	*	*	*	*	30.26	+.25	60	56	- 10	NE	3	0	*	0	*	80	57	-
	Cape Gris Nez...	30.12	65	NNW	2	b	30.25	+.23	61	58	- 5	E	3	c	3	b	*	?	55	-
	Paris	30.11	75	NNW	2	b	30.21	+.14	62	60	- 9	NE	2	c	*	b	*	79	59	-
	Brest	30.17	61	NNW	2	0	30.20	+.12	60	60	- 2	N	1	0	1	0	*	64	55	-
	Lorient... ...	30.23	64	W	4	0	30.19	+.10	61	60	0	WSW	3	c	2	0	*	70	?	-
France &	Rochefort ...	30.16	68	NNW	4	c	30.15	+.01	68	64	+ 3	ENE	4	bc	*	bc,c	*	75	61	-
	Belfort	30.03	74	W	2	b	30.08	+.05	72	67	0	E	1	m	*	b	*	83	63	-
	Lyons	30.06	82	NNE	1	c	30.10	+.03	71	66	- 2	NNW	1	b	*	tl,c	*	88	67	-
	Nice	30.02	78	W	0	b	30.01	-.04	77	66	+ 7	SW	1	b	1	b	*	90	68	-
	Perpignan ...	30.01	82	NE	2	b	30.07	.00	73	70	- 4	W	2	0	*	b	*	91	66	-
	Biarritz ...	30.04	70	N	5	0	30.12	+.04	66	64	- 1	NNW	4	r	2	tlr	*	73	63	1.14
Penin-sula.	Corunna ...																*			
	Lisbon	30.16	64	N	5	b	30.10	-.05	66	60	- 2	N	5	b	*	b	*	75	62	-
	Azores (P. Delgada)	30.23	68	S	1	b	30.19	-.07	71	67	0	ESE	3	c	3	b	*	75	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 8.1 hrs; Eastbourne 9.2 hrs. London yesterday should be 12.8 hrs.

WEATHER CHARTS

FOR Saturday, 11th July, 1896.

BAROMETER, WIND AND SEA.

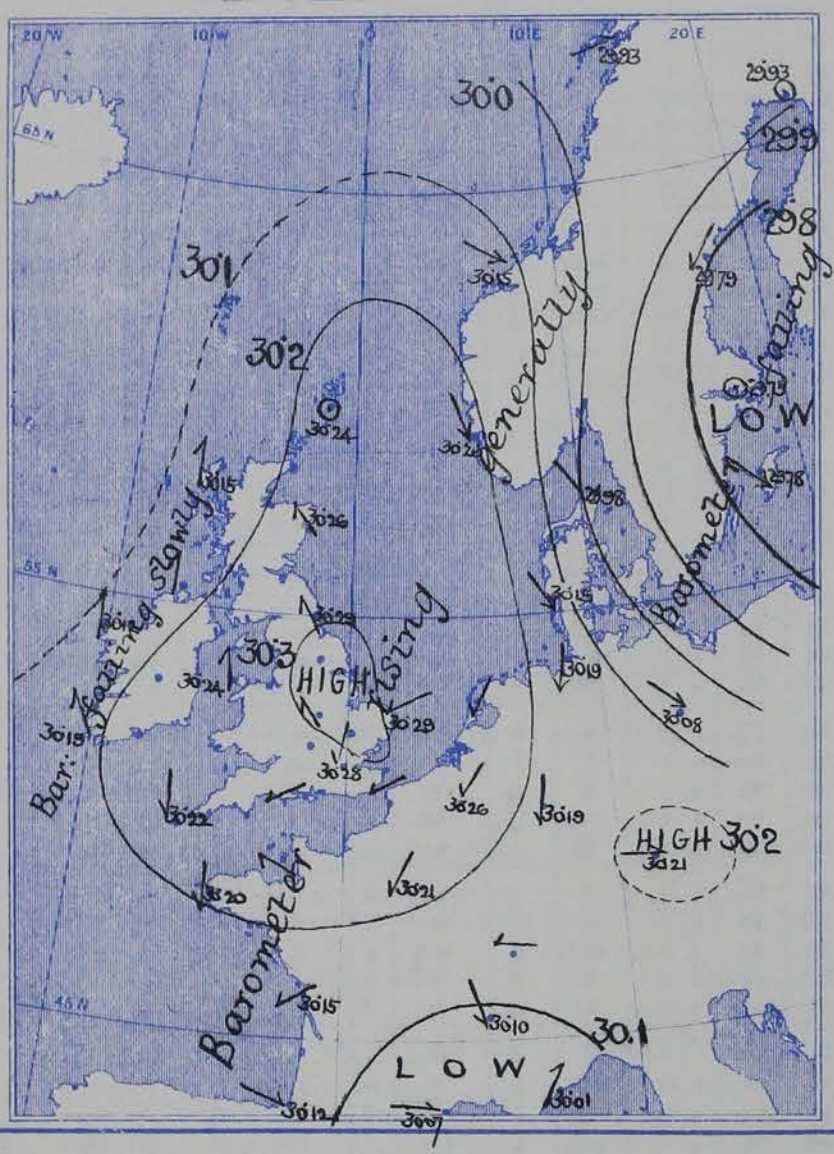
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; Force 5 to 7 ; Force 1 to 4 ; Calm ⊙

Force 8 to 10 ;

SEA—Rough ; High

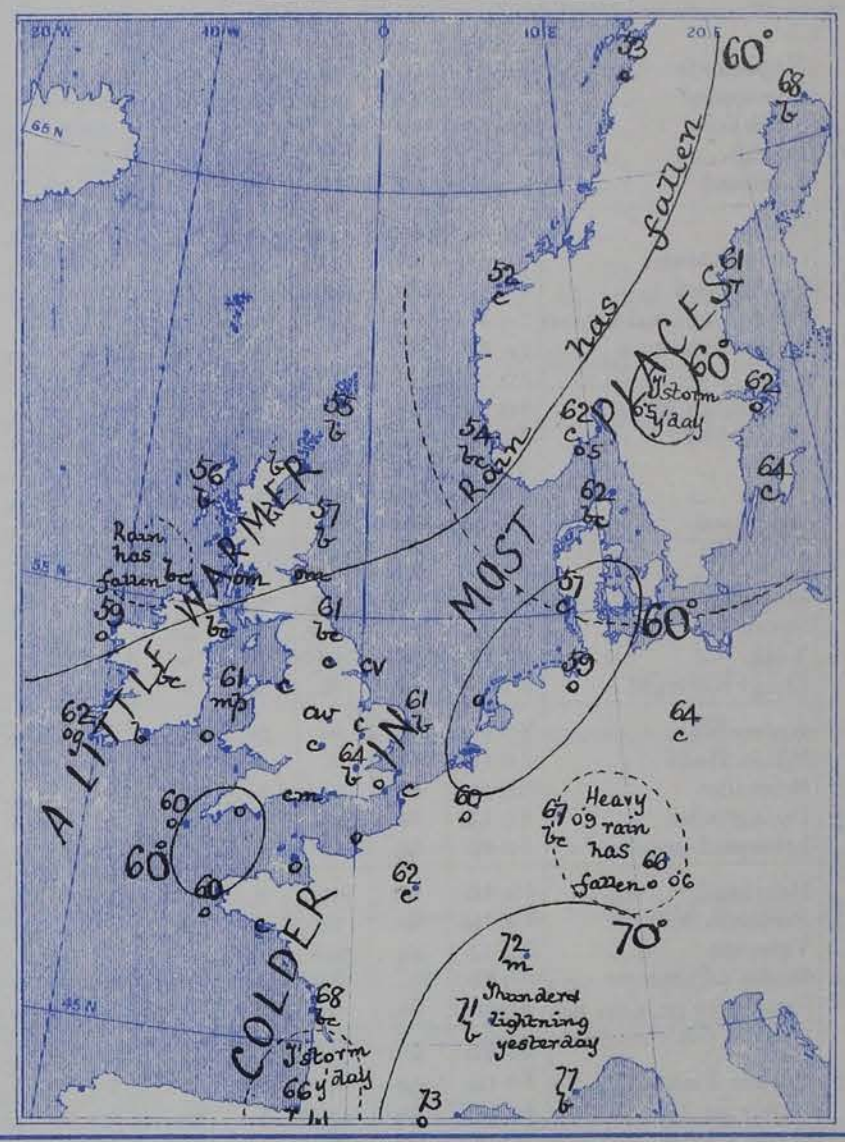


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and upwards over the eastern and central parts of England; 30·2 ins: and upwards in an anticyclone covering all but the extreme northwestern parts of our Islands, with the North Sea, the Netherlands, and the North of France.

Lowest, 29·8 ins: and less, over the east of Sweden and the neighbouring parts of the Baltic and the Gulf of Bothnia.

Gradients slight generally, but moderate over the southern parts of Norway. Barometer falling in the extreme west and north of our Islands and also in Sweden, but rising elsewhere.

TEMPERATURE

Highest, (1) 77° at Nice, 75° at Perpignan, 72° at Belfort, and 71° at Lyons; (2) 68° at Haparanda.

Lowest, (1) 52° at Christiansund, 53° at Bodö, 54° at Skudesnaes, and 55° at Sumburgh Head; (2) 56° at Cambridge, and 57° at York.

During yesterday the thermometer rose to 70° and upwards at several of the English stations, and to 76° in London; at Bodö and Stockholm it rose to 79°, at Berlin, Wiesbaden and Nice to 90°, and at Perpignan to 91°.

WIND

Light to moderate from the E.ly or NE.ly over the greater part of England, the Netherlands, and the north of France.

Light to moderate from the S.ly or SE.ly on our western and northern coasts.

Moderate to strong from the W.ly or NW.ly over Scandinavia, Denmark and Germany; W.ly in the south of France.

WEATHER

Fair or fine over the greater part of our area, but dull in the eastern part of Great Britain and also in the west of Ireland, with passing showers at Holyhead.

Dull in Sweden, with rain at Herösand and Faeder; rain is also falling at Biarritz.

Rain fell yesterday in many parts of Scandinavia, Denmark and Germany—heavily in places. Thunderstorms occurred at Karlstad, Lyons, and Biarritz, the rainfall at the last mentioned station being as much as 1·1 ins:

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression is apparently about to skirt our extreme western coasts, and rain is therefore probable in some parts of Ireland and Scotland. Elsewhere the weather is likely to remain fine for the present.

FORECASTS

For the 24 hours ending at NOON on 12TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.ly winds, moderate; fine at first, cloudy later, rain locally.
1	SCOTLAND EAST	SE.ly and S.ly winds, light; fine generally.
2	ENGLAND N.E.	
3	ENGLAND EAST	E.ly and NE.ly winds, light; fine generally.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E.ly to S.ly winds, moderate; dull, rain locally.
7	ENGLAND N.W.	Same as Nos 1 and 2.
8	ENGLAND S.W.	E.ly winds, moderate or fresh; fair generally.
9	IRELAND NORTH	S.ly winds, moderate or fresh; cloudy, some rain in west.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·01	59	56	NW	6	c	2
Sumburgh Head	30·10	56	53	NNW	3	b	4
Stornoway	30·18	60	55	SW	2	o	2
Aberdeen	30·20	62	53	NW	2	b	1
Shields	30·21	56	53	NE	3	bc	3
Ardrossan	30·20	64	62	W	3	bc	1
Malin Head ...	30·20	61	56	N	2	bc	2
Belmullet	30·20	60	55	NNW	1	o	*
Holyhead	30·18	61	59	N	3	c	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·22	60	55	W	1	o	3
Scilly	30·16	63	58	NW	4	c	4
Jersey	30·14	69	69	NNW	3	bc	3
Hurst Castle ...	30·11	72	65	S	1	c m	1
Dungeness ...	30·07	68	69	SW	3	c	3
North Foreland	30·10	73	65	NW	2	bc	2
London (Westminster)	30·10	72	65	NW	3	o	*
Yarmouth ...	30·12	64	60	NNE	4	c	3
Rochefort ...	30·18	73	66	NW	3	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled over the greater part of England and the west and north of France, with slight rain in places. Fine in most other parts of Europe, but dull over Denmark and the south of Norway, as well as in Central Russia; rain falling at Skudesnaes, Skagen, and Kiew. Sky clearing later over England, but rain falling in many parts of Scandinavia, Denmark and Germany; thunderstorms occurring at Karlstad, Dyres, and Biarritz, with heavy rain at the last mentioned station.

Temperature fallen in England, the west of France, and south of Norway, but risen in most other localities. Morning readings highest 81° at Athens, 79° at Barcelona and Trieste, and 78° at Constantinople, Nemours, and Oran; above 70° in most parts of central and southern Europe, and just touching it at Bodö. Lowest (1) 53° at Lumburgh Hd. and 55° at Stornoway, Wick, and Parsonstown; (2) 54° at Archangel. Exceeding 70° later in many parts of England, and reaching 76° in London. Touching 79° at Bodö and Stockholm, 90° at Berlin, Wiesbaden, and Nice, and 91° at Perpignan.

Wind light to fresh from the N. or NW. over the greater part of our Islands, but W. over the south-east of England, the Netherlands, and the west and north of France. Varying between S. and E. in Denmark and Norway, but calm in Sweden. NE. over the northern and central parts of Russia, but NW. in the south of that country. Variable over southern Europe generally. Subsequently becoming very variable in our Islands, veering to the NW. in the west and north of France.

Barometer highest 30·2 ins. and upwards over Central Ireland, 30·1 ins. and upwards, in an anticyclone lying over the western and northern parts of our Islands generally, the Bay of Biscay, and the western parts of Spain. Lowest 29·5 ins. and less, in a well marked depression over Russia, 29·7 ins. and less, in another system off the west of Norway. Anticyclone spreading eastwards later, and barometer rising over Western Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Sunday 12th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.90	66	2	0	b	30.01	+ .08	73	65	+ 5	2	0	b	*	b	*	79	55	—
	Hernösand ...	29.89	61	NE	2	0	30.00	+ .21	62	55	+ 1	NW	4	b	*	0	*	64	55	0.12
	Stockholm ...	29.72	59	W	2	0	29.63	— .12	66	60	+ 4	NE	5	c	*	0	*	68	57	0.39
	Wisby	29.76	57	NW	9	r	29.76	— .02	59	57	— 5	NNW	4	r	*	r	*	66	54	0.16
	Karlstad ...	29.92	54	NW	6	0	29.97	+ .17	58	53	+ 6	NW	6	c	*	0, r	*	*	*	0.32
	Bodö	30.12	56	N	2	0	30.32	+ .39	55	54	+ 2	N	2	0	1	0	*	59	52	0.08
	Christiansund ...	30.26	52	NW	5	0	30.28	+ .13	52	48	0	WNW	2	b	3	0	*	54	50	—
	Skudesnaes ...	30.26	55	NNW	7	b	30.20	— .06	55	52	+ 1	NNW	6	c	3	b	*	59	48	*
	Færder (Christiania Fjord)	30.01	63	NE	2	b	30.06	+ .11	60	54	— 2	NNW	4	b	2	b	*	66	61	—
	Skagen (The Scaw)	30.04	61	NE	3	bc	30.04	+ .06	60	54	— 2	NNE	5	c	2	bc	*	70	57	—
	Fanö	30.16	54	NW	5	b	30.13	— .02	58	54	+ 1	NW	6	b	*	b	*	63	54	—
	Sumburgh Head	30.21	56	SE	2	b	30.09	— .15	55	55	0	ESE	3	0	3	b	*	58	52	—
	Stornoway ...	30.09	62	SSW	5	0	30.01	— .14	57	56	+ 1	S	5	0	5	r, 0	5.9	63	55	0.13
	Wick	30.17	62	2	0	b	30.07	— .16	69	64	+ 11	S	1	0	0	b	*	67	51	—
	Nairn	30.12	65	2	0	0	30.06	— .14	68	62	+ 11	2	0	c	0	0	*	73	54	—
	Aberdeen ...	30.19	59	S	2	bc	30.09	— .17	67	60	+ 10	S	1	b	1	bc	13.2	68	50	—
British Isles.	Leith	30.18	70	SW	2	c	30.13	— .11	67	60	+ 7	SSW	1	bc	*	c	*	73	51	—
	Shields	30.23	60	SE	3	c	30.16	— .13	70	63	+ 9	S	2	cm	2	c	*	70	54	—
	Spurn Head ...	30.28	59	ESE	4	b	30.23	— .09	66	62	+ 6	SSE	1	b	2	b	*	66	54	—
	York	30.27	70	SE	2	b	30.22	— .11	64	58	+ 7	ESE	1	b	*	b	?	75	51	—
	Loughborough ...	30.27	74	SE	1	b	30.26	— .07	65	60	+ 5	SW	1	bc	*	c, bc, bm	*	75	52	—
	Ardrossan ...	30.19	62	SW	3	c	30.14	— .08	61	60	+ 2	SW	1	c	1	cm	*	69	55	—
	Malin Head ...	30.10	68	S	5	cm	30.05	— .08	60	59	— 2	S	5	or	2	cm	*	68	59	0.02
	Belmullet ...	30.12	63	SSW	5	a	30.07	— .05	59	58	0	SW	3	0	*	0	*	64	55	0.10
	Donaghadee ...	30.21	63	S	3	c	30.17	— .05	65	61	+ 3	SW	4	bc	2	c	*	66	53	—
	Liverpool (Bidston)	30.22	73	SSE	1	b	30.22	— .06	66	62	+ 6	2	0	c	1	c	*	74	57	—
	Holyhead ...	30.23	64	SW	3	b	30.22	— .02	63	61	+ 2	SW	3	bcm	2	b	*	69	56	—
	Parsonstown ...	30.16	71	2	0	c	30.16	— .05	64	60	+ 1	S	1	c	*	c	5.6	73	56	—
	Valencia ...	30.19	63	S	4	c	30.16	— .03	60	60	— 2	S	3	rm	3	c	12.5	67	59	0.22
	Roche's Point ..	30.24	63	SW	3	b	30.22	— .03	61	58	— 2	SSW	3	bc	3	b	*	66	58	—
	Pembroke (St. Ann's Hd.)	30.27	64	NW	2	b	30.24	+ .02	62	61	0	SSE	2	bm	2	b	3.3	65	57	—
	Scilly	30.24	62	E	3	0	30.23	+ .01	64	62	+ 4	E	1	f	3	0	0.0	65	58	—
	Prawle Point ...	30.25	62	ENE	3	bc	? 30.25	.00	65	61	+ 7	ENE	4	bc	2	bc	*	66	56	—
	Jersey (St. Aubin's)	30.22	69	NE	4	bm	30.22	— .02	69	63	+ 3	ENE	3	b	3	b	*	72	60	—
	Hurst Castle ...	30.25	68	SW	1	b	30.26	— .01	66	61	+ 1	ENE	1	bm	1	b	*	72	54	—
	Dungeness ...	30.24	62	ENE	3	b	30.23	— .02	65	60	+ 3	ENE	3	b	2	b	*	67	57	—
Germany & Holland.	North Foreland	30.28	61	NE	3	b	30.27	— .03	64	59	+ 2	E	2	b	2	b	*	65	57	—
	London (Brixton) ...	30.27	69	NNE	2	b	30.27	— .01	66	60	+ 2	ESE	1	b	*	b	13.4	76	49	—
	Oxford	30.25	67	NNE	1	b	30.26	— .04	63	58	+ 5	S	1	b	*	b	*	75	49	—
	Cambridge ...	30.26	73	E	1	b	30.28	— .04	60	56	+ 4	SE	1	bw	*	b	11.3	75	46	—
	Yarmouth ...	30.29	64	ENE	2	b	30.26	— .03	60	57	— 1	ESE	1	b	2	b	*	65	50	—
	Cuxhaven ...	30.21	61	NNW	4	b	? 30.17	— .07	59	59	0	NNW	3	bc	*	b	*	63	55	—
	Berlin	30.17	67	WNW	3	b	30.13	+ .05	55	50	— 9	WNW	5	c	*	b	*	75	51	—
	Wiesbaden ...	*	*	*	*	*	30.23	+ .04	62	57	— 5	N	1	b	*	*	*	77	52	—
	Munich... ..	30.21	68	2	0	c	30.26	+ .05	62	58	— 4	E	2	b	*	c	*	77	55	—
	The Helder ...	30.29	61	N	1	b	30.27	+ .02	60	55	+ 1	N	1	b	1	b	*	63	59	—
France & Belgium.	Brussels ...	*	*	*	*	*	30.25	— .01	62	57	+ 2	ENE	2	b	*	b	*	72	49	—
	Cape Gris Nez..	30.23	61	E	4	b	30.22	— .03	61	59	0	E	1	b	1	b	*	68	55	—
	Paris	30.17	73	NNE	2	b	30.21	.00	63	58	+ 1	NNE	2	b	*	b	*	79	54	—
	Brest	30.18	71	N	1	bc	30.25	+ .05	59	58	— 1	ENE	1	m	1	bc	*	70	52	—
	Lorient... ...	30.29	67	NW	4	bc	30.18	— .01	62	60	+ 1	ENE	3	b	2	bc	*	72	54	—
	Rochefort ...	30.11	72	NW	4	bc	30.13	— .02	71	69	+ 9	ENE	3	bc	*	bc	*	82	64	—
	Belfort	30.07	73	E	3	bc	30.12	+ .04	62	59	— 10	E	4	m	*	bc	*	89	58	—
	Lyons	30.04	80	NNE	1	0	30.08	— .02	71	67	0	NE	1	b	*	0	*	85	66	—
	Nice	30.00	76	2	0	b	30.03	+ .02	76	67	— 1	2	0	b	0	b	*	88	66	—
	Perpignan ...	30.01	82	NW	1	c	30.05	— .02	73	63	0	NW	3	0	*	c	*	87	67	—
	Biarritz ...	30.12	69	NW	3	c	30.13	+ .01	67	65	+ 1	W	4	r	2	c	*	70	66	0.16
Penin-sula.	Corunna ...	30.16	68	N	5	b	30.19	.00	64	59	— 1	NE	6	b	3	b	*	70	54	—
	Lisbon	30.07	67	W	2	b	30.06	— .04	71	64	+ 5	NNE	3	b	*	b	*	77	64	—
	Azores (P. Delgada)	30.23	72	E	1	c	30.25	+ .06	73	69	+ 2	NE	1	b	2	c	*	77	66	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5.1 hrs; Eastbourne 10.7 hrs.

WEATHER CHARTS

FOR SUNDAY, 12TH JULY, 1896.

BAROMETER, WIND AND SEA.

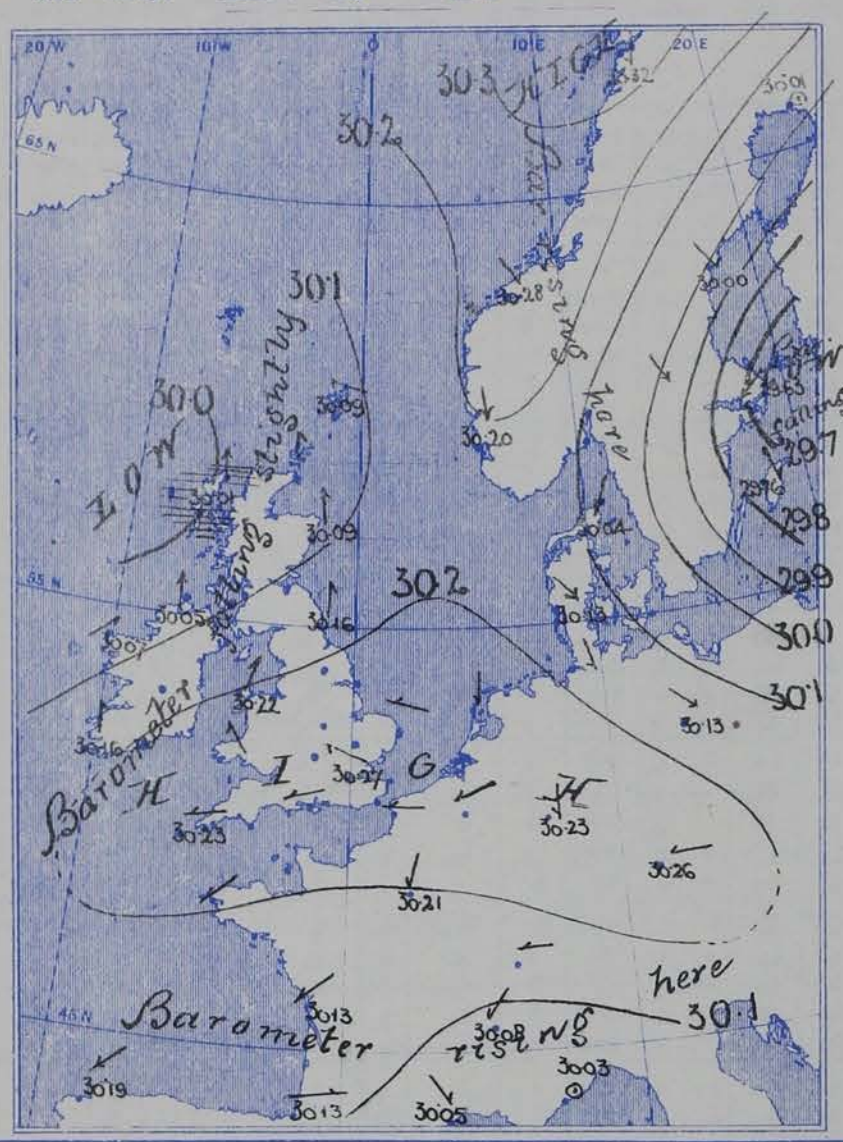
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ; High


20 W
10 W
0
10 E
20 E
65 N
55 N
45 N
303 HIGH
302
301
300
299
298
297
LOW
Barometer
here
rising
Barometer
here
301
rising
Barometer
Barometer
Barometer

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 in: and more over the southern half of Great Britain, the North of France, the Netherlands, and Western Germany.
Lowest, 29·7 in: and less, in a small deep depression near Stockholm; and below 30·0 ins: in another off our extreme northwest coasts.
Gradients slight and Distribution anticyclonic over our Islands – cyclonic over Sweden and the Baltic.
Barometer falling over the United Kingdom, – most in the northwest, rising over Norway and the north of Sweden.

TEMPERATURE

Highest, 76° at Nice, 73° at Perpignan, 71° at Cypus and Rochefort, 70° at Shields, 68° at Nairn, 66° in London; 73° at Haparanda, 66° at Stockholm
Lowest, 51° at Christiansund, 55° at Lerwick Hd., and also at Berlin, 59° at Cuxhaven and at Belmullet.
The maxima recorded yesterday ranged from 70° to 76° over the major part of our Islands. 79° at Paris, 83° at Rochefort, 88° at Nice.

WIND

Light and anticyclonic over England and France; fresh NE at Coruna, but moderate S over Ireland and Scotland; NW to N and strong over the southern half of Scandinavia, Denmark, and the Baltic.

WEATHER

Dull at our extreme western and northern stations, foggy on our southwest coasts, rainy and cloudy, over the Baltic, and also at Bilbao, fine over England and France.
Rain has fallen generally over Scandinavia and a little on our northwestern and western coasts; a thunderstorm has occurred at Biarritz. Bright Sunshine recorded yesterday more than 13 hrs at Aberdeen and in London, 12·5 hrs at Valencia, about 11 hrs at Cambridge and Eastbourne

SEA

Rather rough at Stornoway, slight on our southwest coasts, very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 13th JULY, 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NONE ISSUED	6 SCOTLAND WEST	NONE ISSUED
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·22	59	53	NNW	7	b	3
Sumburgh Head	30·22	56	54	S	1	b	2
Stornoway	30·12	60	56	SSE	3	o	3
Aberdeen	30·22	62	56	S	2	b	3
Shields	30·26	61	57	ESE	3	bc	3
Ardrossan	30·20	67	65	S	3	bc	3
Malin Head ...	30·12	65	61	S	5	o	1
Belmullet	30·12	63	61	SSW	5	o	*
Holyhead	30·26	68	64	SW	3	cm	2
Valencia	30·21	66	62	SSE	3	om	4
Scilly	30·25	64	62	E	4	m	1
Jersey	30·25	70	65	ENE	3	bc	3
Hurst Castle ...	30·27	70	61	S	3	b	1
Dungeness ...	30·26	67	61	ENE	4	b	3
North Foreland	30·31	64	59	NNE	3	bc	3
London (Westminster)	30·29	71	61	NE	2	b	*
Yarmouth ...	30·30	65	58	ENE	3	b	2
Rochefort ...	30·14	70	68	NW	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over France and all but the southwestern and eastern parts of the British Islands; dull and unsettled over the northern and eastern parts of Europe, with rain in places. Rain falling later over Scandinavia generally, and at some of our extreme northwestern and eastern stations, and a thunderstorm occurring at Biarritz; weather very fine over England.

Temperature less high over England and France than on Friday. Morning readings highest 80° to 89° over Algeria and Tunis, 77° at Palermo and Biskra, and also at Nice, 66° at Jersey; -70° at Kleaboy, 68° at Haparanda. Lowest 51° at Archangel, 52° at Christiansund 55° at Sumburgh Hd. Rising later to between 70° and 76° over the northeastern and inland parts of Great Britain, to 79° at Paris, 82° at Rochefort, and 88° at Nice.

Wind, light to moderate, and anticyclonic, over the British Islands and their neighbourhood; NW., strong, and cyclonic, over Scandinavia and Denmark, moderate over North Germany, but SE., light, on the eastern side of the North Sea. Very light and variable over the Mediterranean. Freshening somewhat later from the S. over Ireland, and blowing a gale from the NW. at Skudesnaes.

Barometer highest 30·3 ins: and more to 30·1 ins: in an anticyclone covering our Islands and all the neighbouring countries, as well as the North Sea. Lowest 29·8 ins: in a depression over Sweden, and below 29·5 ins: in another, large one, over Central Russia. No decided change in our Islands later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Monday, 13th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·06	68	W	0	c	30·12	+·11	72	68	- 1	NE	2	b	*	c	*	84	57	-
	Hernösand ...	30·09	64	W	0	b	30·14	+·14	68	59	+ 6	N	N	b	*	b	*	82	55	-
	Stockholm ...	30·01	63	NE	2	c	30·10	+·17	69	64	+ 3	NW	2	bc	*	c	*	68	55	0·16
	Wisby	29·97	58	ESE	N	0	30·06	+·30	64	61	+ 5	N	N	bc	*	0	*	64	54	0·16
	Karlstad ...	30·06	64	NW	W	c	30·13	+·16	66	59	+ 8	NNW	2	b	*	c,r	*	*	*	-
	Bodö	30·21	56	N	1	0	30·19	-·13	59	54	+ 4	N	1	b	1	0	*	59	52	-
	Christiansund ...	30·14	59	NNE	3	b	30·20	-·08	58	54	+ 6	NW	2	c	2	b	*	59	50	-
	Skudesnaes ...	30·17	57	NW	2	c	30·17	-·03	60	54	+ 5	W	0	c	1	c	*	63	48	*
	Faerder (Christiania Fjord)	30·07	63	NNW	2	b	30·16	+·10	65	61	+ 5	NE	2	b	1	b	*	68	60	-
	Skagen (The Scaw)	30·09	61	NNW	W	b	30·16	+·12	66	62	+ 6	W	0	b	0	b	*	68	57	-
	Fanö	30·15	55	NW	4	b	30·18	+·05	59	57	+ 1	NW	4	c	*	b	*	66	54	-
British Isles.	Sumburgh Head	30·06	56	W	1	r	30·14	+·05	55	55	0	W	0	c	2	r	*	58	51	0·16
	Stornoway ...	30·07	64	WSW	4	bc	30·08	+·07	57	54	0	SW	3	o	3	o,bc	4·7	64	53	-
	Wick	30·10	59	W	0	f	30·16	+·09	58	58	- 9	N	3	c	1	f	*	68	52	0·20
	Nairn	30·10	60	WSW	1	c	30·13	+·07	59	57	- 9	W	0	b	1	c	*	70	44	0·16
	Aberdeen ...	30·13	65	NW	1	0	30·19	+·10	61	57	- 6	SE	1	b	1	c,o	8·2	75	51	0·02
	Leith	30·16	65	SW	3	0	30·19	+·06	61	58	- 6	SW	1	c	*	0	*	75	51	-
	Shields	30·17	66	SW	3	c	30·22	+·06	64	59	- 6	E	3	c	2	c	*	78	55	-
	Spurn Head ...	30·16	69	SE	4	c	30·22	-·01	63	62	3	N	2	c	2	bc	*	68	58	-
	York	30·18	71	W	1	0	30·23	+·01	64	60	0	ENE	1	b	*	c,o	8·5	82	52	-
	Loughborough ...	30·17	76	SW	1	c	30·24	-·02	66	61	+ 1	NNE	1	bmw	*	b,bc,mw	*	83	54	-
	Ardrossan ...	30·16	60	SSW	3	bc	30·18	+·04	64	62	+ 3	W	0	bcm	0	p,bc	*	64	52	0·04
	Malin Head ...	30·14	62	W	3	bcm	30·11	+·06	62	60	+ 2	S	2	bcm	1	c,bcm	*	62	54	0·08
	Belmullet ...	30·17	62	SW	4	bc	30·12	+·05	63	60	+ 4	S	4	b	*	bc	*	65	58	-
	Donaghadee ...	30·20	58	SW	3	o	30·20	+·03	58	57	- 7	WSW	3	o	1	o	*	69	55	0·24
	Liverpool (Bidston)	30·21	68	WNW	2	b	30·21	-·01	67	61	+ 1	SE	1	b	1	b	*	71	57	-
	Holyhead ...	30·22	62	SW	4	c	30·21	-·01	60	59	- 3	SW	3	cf	2	c	*	66	56	-
	Parsonstown ...	30·20	66	W	0	b	30·17	+·01	63	60	- 1	S	1	c	*	o,b	2·6	67	54	0·02
	Valencia ...	30·22	61	W	3	bc	30·19	+·03	61	58	+ 1	SSE	2	c	4	bc	6·7	65	57	0·24
	Roche's Point ...	30·23	63	SSW	3	o	30·22	·00	63	59	+ 2	SE	1	b	2	of	*	67	58	-
	Pembroke (St. Ann's Hd.)	30·24	64	NW	2	b	30·23	-·01	60	59	- 2	W	0	f	1	b	7·7	65	54	-
	Scilly	30·24	66	NNW	1	b	30·23	·00	64	61	0	NNW	1	cf	4	bc	13·1	69	59	-
	Prawle Point ...	30·22	66	NNW	2	bcm	30·21	?	70	67	+ 5	ESE	2	b	1	bc	*	70	58	-
	Jersey (St. Aubin's)	30·21	74	NNE	3	b	30·23	+·01	72	63	+ 3	W	0	b	0	b,bm	*	77	58	-
	Hurst Castle ...	30·21	66	SW	1	c	30·22	-·04	67	63	+ 1	W	0	bm	0	c	*	73	57	-
	Dungeness ...	30·20	63	E	N	b	30·20	-·03	65	62	0	E	2	bw	1	b	*	68	48	-
	North Foreland	30·22	62	E	W	b	30·25	-·02	65	63	+ 1	E	2	bcw	2	b	*	65	57	-
	London (Brixton) ...	30·19	76	E	2	b	30·24	-·03	73	62	+ 7	NE	1	b	*	b,bw	12·0	83	53	-
	Oxford	30·18	70	E	1	b	30·22	-·04	64	60	+ 1	NE	1	bem	*	b	*	81	53	-
	Cambridge ...	30·19	77	SW	1	0	30·23	-·05	65	60	+ 5	S	1	bw	*	b,o	12·7	82	51	-
	Yarmouth ...	30·22	63	SSE	2	b	30·21	-·05	65	59	+ 5	SSE	2	b	2	b	*	65	55	-
Germany & Holland.	Cuxhaven ...	30·15	63	NNW	3	b	?	?	60	60	+ 1	NW	2	c	*	b	*	64	57	-
	Berlin	30·06	67	NNW	W	bc	30·10	-·03	62	59	+ 7	NNW	5	c	*	bc	*	75	55	-
	Wiesbaden ...	*	*	*	*	*	30·25	+·02	61	53	- 1	N	1	b	*	*	*	77	54	-
	Munich	30·19	65	W	0	b	30·25	-·01	62	56	0	W	1	b	*	b	*	73	52	-
	The Helder ...	30·24	66	NNW	1	b	30·25	-·02	64	60	+ 4	N	1	b	1	b	*	66	55	-
France & Belgium.	Brussels ...	*	*	*	*	*	30·25	·00	69	58	+ 7	E	2	b	*	b	*	76	54	-
	Cape Gris Nez ...	30·20	61	E	3	b	30·21	-·01	62	59	+ 1	E	1	b	1	b	*	68	57	-
	Paris	30·14	79	NE	2	b	30·22	+·01	65	58	+ 2	NE	1	b	*	b	*	84	55	-
	Brest	30·21	62	SW	3	b	30·22	-·03	56	56	- 3	W	0	m	1	b	*	72	52	-
	Lorient	30·20	62	WNW	4	b	30·19	+·01	62	59	0	E	2	b	2	b	*	75	54	-
	Rochefort ...	30·15	75	ESE	4	b	30·18	+·05	70	64	- 1	NE	2	b	*	b	*	90	65	0·12
	Belfort	30·09	75	ENE	3	f	30·17	+·05	61	55	- 1	E	2	m	*	f	*	81	55	-
	Lyons ...	30·07	81	N	1	b	30·13	+·05	71	61	0	N	1	b	*	b	*	86	66	-
	Nice	29·99	78	W	0	b	29·98	-·05	77	66	+ 1	E	1	b	2	b	*	91	?	-
	Perpignan ...	30·03	79	E	3	b	30·06	+·01	77	68	+ 4	WNW	4	b	*	b	*	88	73	-
	Biarritz ...	30·17	66	WSW	4	r	30·16	+·03	68	64	+ 1	W	3	o	2	r	*	70	64	0·04
Peninsula.	Corunna ...																*			
	Lisbon	30·02	77	NNW	5	b	30·02	-·04	77	65	+ 6	NNE	3	b	*	b	*	88	71	-
	Azores (P. Delgada)	30·29	72	W	0	bc	30·28	+·03	72	68	- 1	W	0	c	2	bc	*	79	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday: Southport 6·0 hrs: Eastbourne more than 13·0 hrs.

WEATHER CHARTS

FOR Monday, 13th July, 1896.

BAROMETER, WIND AND SEA.

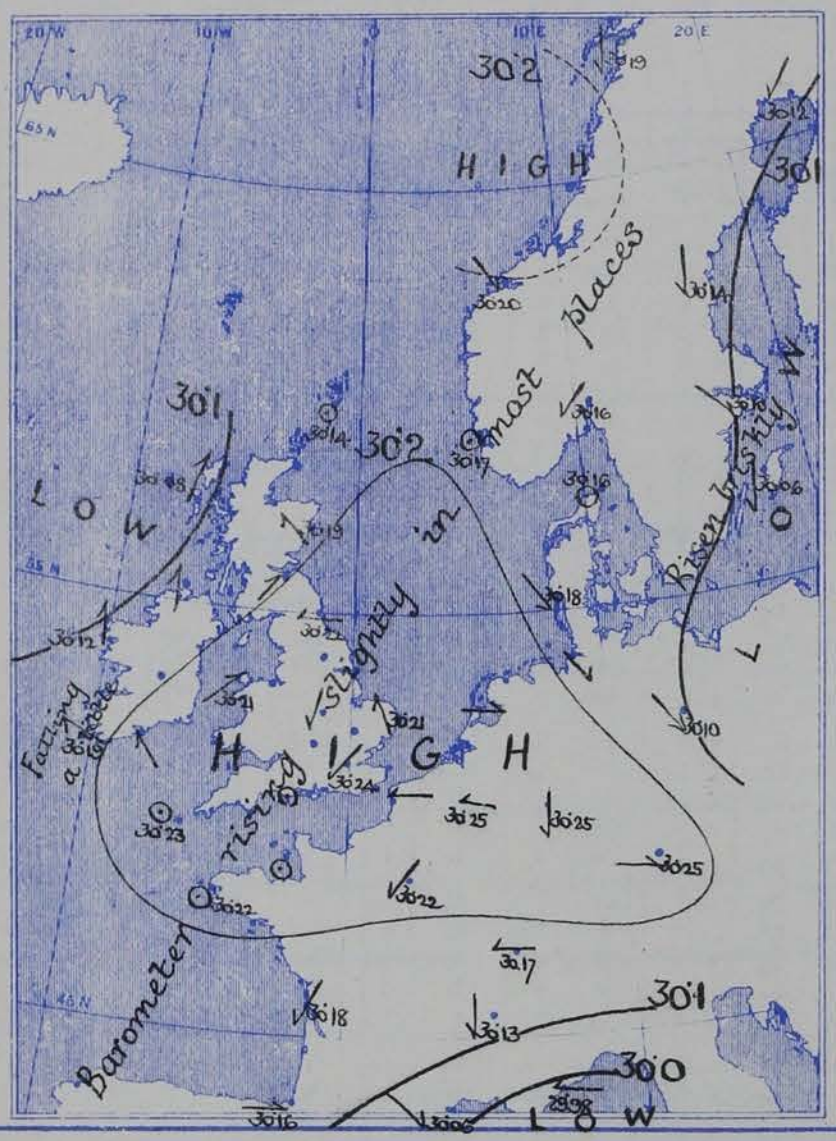
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ➤⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▤ ; *High* ▩

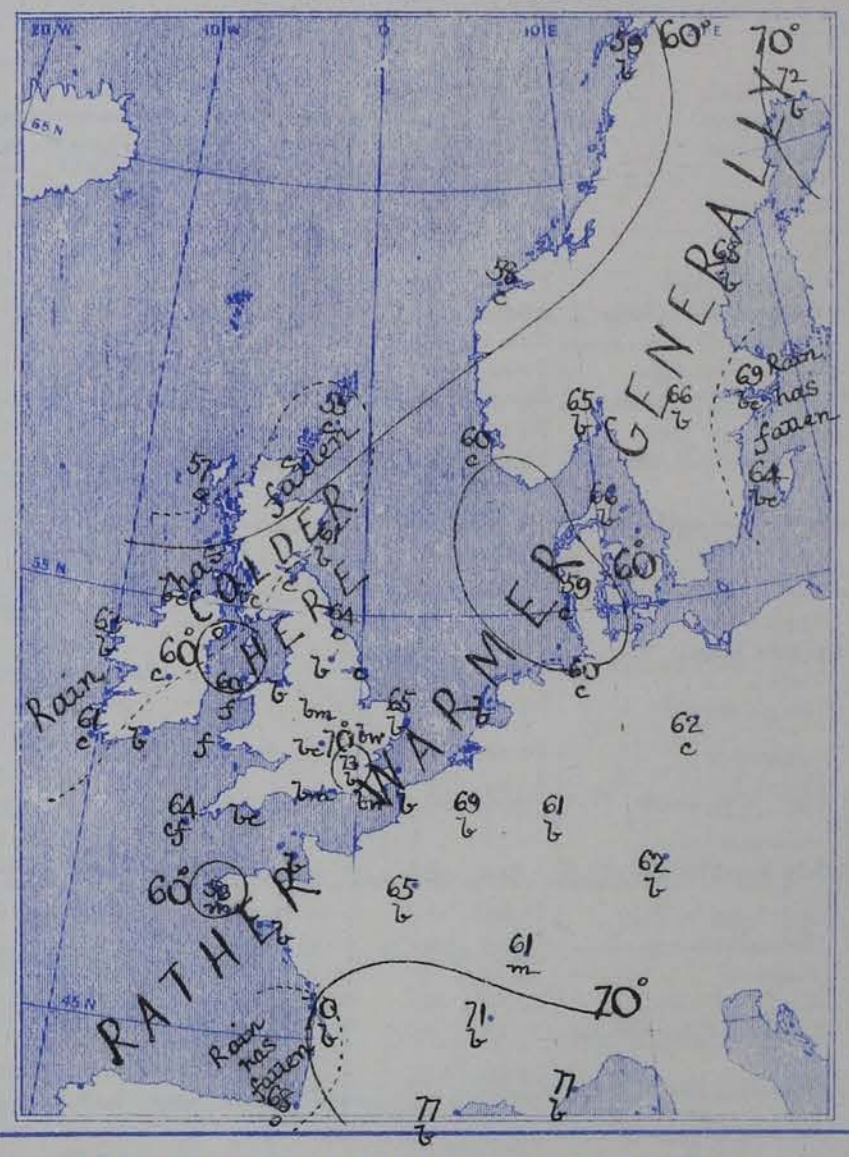


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	169·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and more to 30·1 in: over the whole of the British Isles and almost the whole of northwestern and western Europe.
Lowest, 30·0 in: and less, over the extreme southern parts of France and the Spanish Peninsula.
Gradients very slight.
Barometer falling a little at Valencia (Ireland) not changing decidedly elsewhere.

TEMPERATURE

Highest, (1) 77° at Lisbon and in the south of France, 73° in London, 66° at Loughborough; (2) 72° at Haparanda, 69° at Stockholm.
Lowest, 55° at Isumburgh Hd., 51° at Stornoway, 58° at Christiansund and Wick, 59° at Aberdeen.
The maxima recorded yesterday ranged between 83° and 80° over the inland parts of England, and touched 84° at Paris, 90° at Rochefort, and 91° at Nice.

WIND

Very light in force and anticyclonic in direction except over Sweden, the Baltic, and North Germany, where it is moderate from N. and NW.
A S. to SE. breeze, however, is springing up in the west and southwest of Ireland.

WEATHER

Very fine generally, but a good deal of fog or haze reported on the Welsh coasts and on the south coast of England.
A little rain has fallen on our extreme west and northeast coasts, and for a time the sky over London had a very unsettled appearance last evening. Bright Sunshine recorded yesterday was — Scilly and Eastbourne 13 hrs, Cambridge 12·7 hrs, and London about 12 hrs; York had 8·5 hrs, Aberdeen 8·2 hrs.

SEA

Moderate on our southwestern coasts, smooth to dead calm in the East and south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

No indication of any decided change of weather.

FORECASTS

For the 24 hours ending at NOON on 14TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. to SW. breezes, light; some rain in places.
1	SCOTLAND EAST	Variable airs; very fine and warm during day, cool at night.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	E. to S. airs; very fine and warm, cool at night.
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	S. to SW. and SE. to S. breezes; fine and warm.
8	ENGLAND S.W.	
9	IRELAND NORTH	S. to SW. and SE. to S. breezes; showers in west, fine in east.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·16	73	56	NNW	4	bc	2
Sumburgh Head							
Stornoway	30·03	64	57	W	2	o	4
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·13	59	58	WSW	3	c	2
Belmullet	30·15	64	59	SW	5	bc	*
Holyhead							
Valencia							
Scilly							
Jersey	30·22	76	66	E	2	b	2
Hurst Castle ...							
Dungeness ...	30·23	66	57	ENE	4	b	3
North Foreland	30·26	65	61	E	2	b	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·17	87	78	W	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 5TH TO THE 11TH JULY 1896.

During the past week the distribution of pressure over our Islands has varied a great deal, being alternately cyclonic and anticyclonic — the former systems being of a complex character. The wind has consequently varied a great deal in direction and has occasionally blown very strongly on our southwest coasts, while over Great Britain it has, as a rule, been light to moderate. The rainfall over the greater part of England has been almost nil — except on Tuesday when heavy local thunderstorms occurred over our midland and northeastern counties; over the western and some of the northern districts, however, there have been very large quantities of rain especially on Wednesday and Thursday, when 1·57 ins: of rain fell at Donaghadee, and 2·45 ins: at Holyhead. Temperature has again been high — maxima of 80° to 86° having been recorded on several days, but some of the nights have been cool.

At the close of the week the weather was fine, dry, and warm generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 14th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London.. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·13	72	Z	0	bc	30·15	+ ·03	71	68	— 1	Z	0	b	*	bc	*	86	59	—
	Hernösand ...	30·17	66	Z	0	b	30·17	+ ·03	67	61	— 1	Z	0	b	*	b	*	86	54	—
	Stockholm ...	30·16	69	Z	0	b	30·16	+ ·06	70	61	+ 1	NW	2	b	*	b	*	75	57	—
	Wisby	30·13	63	ENE	4	b	30·11	+ ·05	64	62	0	N	4	b	*	b	*	66	54	—
	Karlstad ...	30·13	70	Z	0	b	30·12	— ·01	69	64	+ 3	SW	2	b	*	b	*	*	*	—
	Bodö	30·22	60	ENE	1	b	30·15	— ·04	62	57	+ 3	N	1	b	1	b	*	63	50	—
	Christiansund ...	30·20	59	N	1	bc	30·10	— ·10	60	55	+ 2	SSE	2	b	2	bc	*	63	54	—
	Skudesnaes ...	30·18	61	NNW	2	b	30·16	— ·01	58	54	— 2	S	2	c	2	b	*	68	46	*
	Færder (Christiania Fjord)	30·14	69	W	2	b	30·17	+ ·01	69	66	+ 4	S	2	b	1	b	*	72	64	—
	Skagen (The Scaw)	30·19	65	N	1	b	30·17	+ ·01	67	57	+ 1	NNW	1	b	0	b	*	75	59	—
	Fanö	30·17	59	NW	1	b	30·17	— ·01	57	56	— 2	NW	1	b	*	b	*	72	54	—
British Islands.	Sumburgh Head	30·08	57	SE	2	c	29·89	— ·25	59	58	+ 4	SSE	3	c	3	o,c	*	61	52	—
	Stornoway ...	29·97	62	SSW	4	o	29·83	— ·25	55	54	— 2	SW	5	o	5	o	0·4	62	54	0·03
	Wick	30·04	59	S	2	c	29·91	— ·25	60	60	+ 2	S	1	o	1	c	*	64	55	0·03
	Nairn	30·00	71	W	1	bc	29·89	— ·24	60	59	+ 1	Z	o	r	1	bc	*	73	57	0·06
	Aberdeen ...	30·10	61	S	2	bc	29·94	— ·25	61	58	0	S	1	cm	1	b,bc	13·0	66	58	—
	Leith	30·05	73	SW	2	bc	29·93	— ·26	66	61	+ 5	WSW	1	o	*	bc	*	73	55	—
	Shields	30·12	62	SE	3	o	29·98	— ·24	66	61	+ 2	SW	2	c	2	c,o	*	67	57	—
	Spurn Head ...	30·15	63	ESE	3	c	30·02	— ·20	68	65	+ 5	ESE	1	c	2	c	*	68	60	—
	York	30·12	73	E	1	c	30·02	— ·21	64	60	0	W	1	b	*	c	9·8	81	56	—
	Loughborough ...	30·10	82	SSE	1	b	30·05	— ·19	67	62	+ 7	W	1	cmw	*	b,bc,cm	*	84	56	—
	Ardrossan ...	30·06	63	SSW	2	c	29·95	— ·23	58	57	— 6	SSE	2	rm	2	b,c	*	68	56	0·03
	Malin Head ...	30·00	65	S	3	c	29·90	— ·21	57	57	— 5	WSW	2	o	1	c	*	70	56	0·14
	Belmullet ...	30·01	62	SW	7	ow	30·00	— ·12	57	56	— 6	NW	2	o	*	o,ow	*	65	60	0·30
	Donaghadee ...	30·08	59	SW	5	bcm	29·99	— ·21	59	58	+ 1	SSW	3	r	1	bc	*	67	55	0·02
	Liverpool (Bidston)	30·12	69	NNW	1	b	30·03	— ·18	62	58	— 5	SSW	1	c	0	bm	*	72	59	—
	Holyhead ...	30·13	62	SW	3	b	30·03	— ·18	59	58	— 1	SW	3	of	2	bc,b	*	67	56	—
	Parsonstown ...	30·07	72	Z	0	c	29·98	— ·19	60	58	— 3	S	1	or	*	c	4·8	73	58	0·07
	Valencia ...	30·10	62	S	3	og	30·03	— ·16	61	59	0	WNW	3	c	4	c,og	9·1	67	56	0·19
	Roche's Point ...	30·13	65	SW	3	o	30·04	— ·18	60	59	— 3	WSW	3	cm	3	b,m	*	66	58	—
	Pembroke (St. Ann's Hd.)	30·16	64	W	1	b	30·07	— ·16	62	61	+ 2	S	2	o	1	b	11·6	65	58	—
	Scilly	30·16	66	W	1	bc	30·07	— ·16	65	63	+ 1	W	1	c	3	bc	12·0	69	60	—
	Prawle Point ...	30·14	67	WSW	3	c	30·07	— ·14	67	63	— 3	ESE	1	b	1	c	*	72	58	—
	Jersey (St. Aubin's)	30·16	71	NW	3	bc	30·08	— ·15	69	63	— 3	NW	2	bm	3	b,bc	*	76	52	—
	Hurst Castle ...	30·15	73	SW	1	bcm	30·06	— ·16	68	63	+ 1	Z	0	bm	0	bm,bcm	*	74	55	—
	Dungeness ...	30·14	66	ENE	2	b	30·04	— ·16	69	64	+ 4	ESE	2	bc	1	b	*	70	54	—
	North Foreland	30·17	65	E	1	b	30·07	— ·18	68	63	+ 3	SE	1	c	2	b	*	68	61	—
	London (Brixton) ...	30·11	80	ESE	2	bc	30·06	— ·18	71	60	— 2	W	1	bc	*	b,c,b	11·6	86	55	—
	Oxford	30·10	75	SW	3	bc	30·05	— ·17	65	61	+ 1	SW	1	b	*	bc	*	83	59	—
	Cambridge ...	30·12	81	S	1	b	30·05	— ·18	68	60	+ 3	S	1	bc	*	b	13·5	86	55	—
	Yarmouth ...	30·17	66	SSE	2	b	30·06	— ·15	66	63	+ 1	SSE	3	b	3	b	*	68	60	—
Germany & Holland.	Cuxhaven ...	30·17	66	N	2	b	30·14	?	64	63	+ 4	NE	1	b	*	b	*	66	59	—
	Berlin	30·03	67	NNW	5	b	30·14	+ ·04	65	58	+ 3	W	1	c	*	b	*	75	57	—
	Wiesbaden ...	*	*	*	*	*	30·15	— ·10	64	59	+ 3	E	1	b	*	*	*	77	55	—
	Munich	30·19	63	Z	0	bc	30·19	— ·06	62	57	0	Z	0	b	*	bc	*	72	50	—
	The Helder ...	30·21	67	W	1	b	30·13	— ·12	68	63	+ 4	SSE	1	b	1	b	*	68	61	—
Belgium.	Brussels ...	*	*	*	*	*	30·11	— ·14	72	63	+ 3	SE	1	b	*	b	*	80	59	—
	Cape Gris Nez ...	30·13	67	E	2	b	30·06	— ·15	68	62	+ 6	SW	1	m	0	b	*	?72	61	—
	Paris	30·12	79	NE	2	b	30·10	— ·12	63	57	— 2	NE	1	b	*	b	*	86	56	—
	Brest	30·12	77	Z	0	bc	30·10	— ·12	60	60	+ 4	N	1	m	2	bc	*	77	52	—
	Lorient	30·21	74	NW	4	b	30·07	— ·12	63	59	+ 1	Z	0	b	3	b	*	79	55	—
France &	Rochefort ...	30·11	75	NW	4	b	30·06	— ·12	70	67	0	NE	3	b	*	b	*	84	64	—
	Belfort	30·06	73	NE	2	b	30·06	— ·11	60	54	— 1	ENE	4	bc	*	b	*	80	53	—
	Lyons	30·04	79	?	?	b	30·04	— ·09	67	58	— 4	?	?	b	*	b	*	80	60	—
	Nice	29·90	76	W	1	o	29·91	— ·07	82	66	+ 5	SSW	1	b	o	o	*	91	70	—
	Perpignan ...	29·99	87	WNW	3	b	30·02	— ·04	81	69	+ 4	W	2	b	*	b	*	92	72	—
	Biarritz ...	30·08	73	N	3	b	30·01	— ·15	66	66	— 2	Z	0	m	3	b	*	75	64	—
Peninsula.	Corunna ...																*			
	Lisbon	29·98	78	NNW	4	b	29·97	— ·05	73	66	— 4	N	3	b	*	b	*	93	66	—
	Azores (P. Delgada)	30·30	69	NNE	3	bc	30·33	+ ·05	69	67	— 3	NE	4	r	3	bc	*	79	66	0·08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

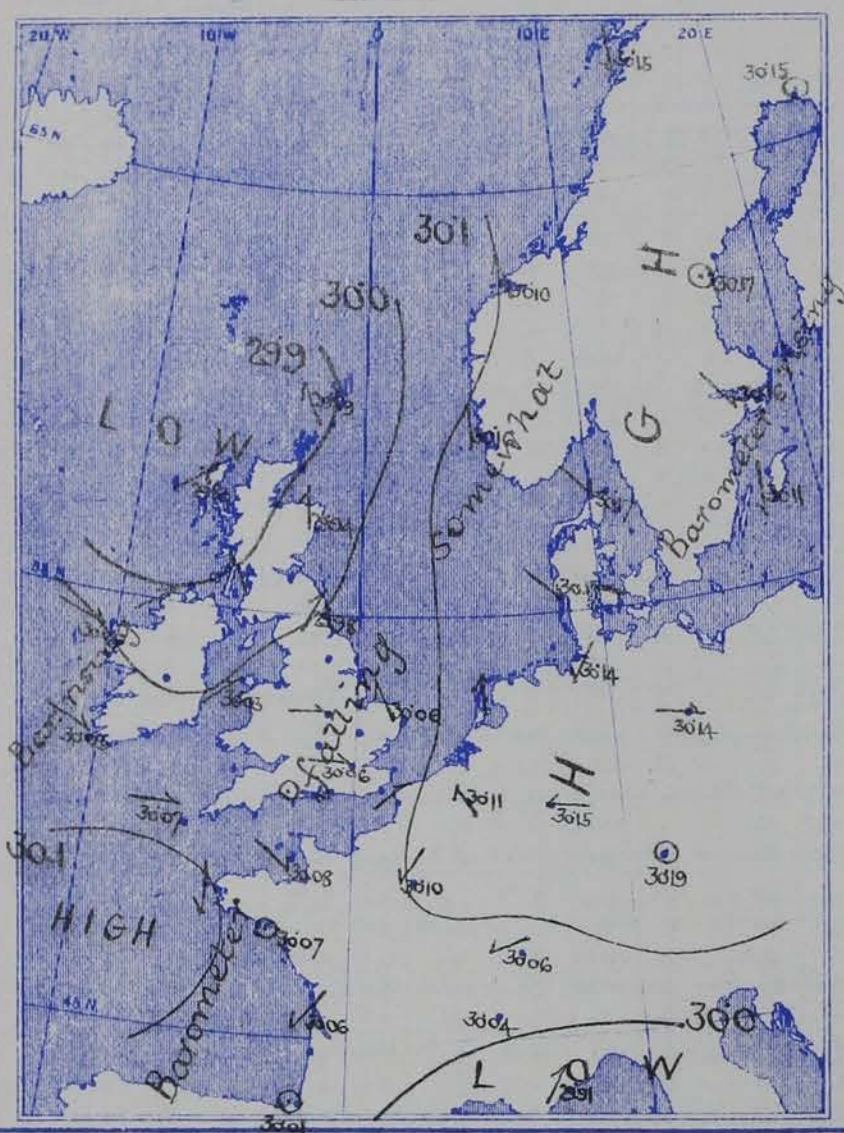
Bright Sunshine yesterday Southport 11·7 hrs; Eastbourne 13·4 hrs.

WEATHER CHARTS

FOR Tuesday, 14TH July, 1896.

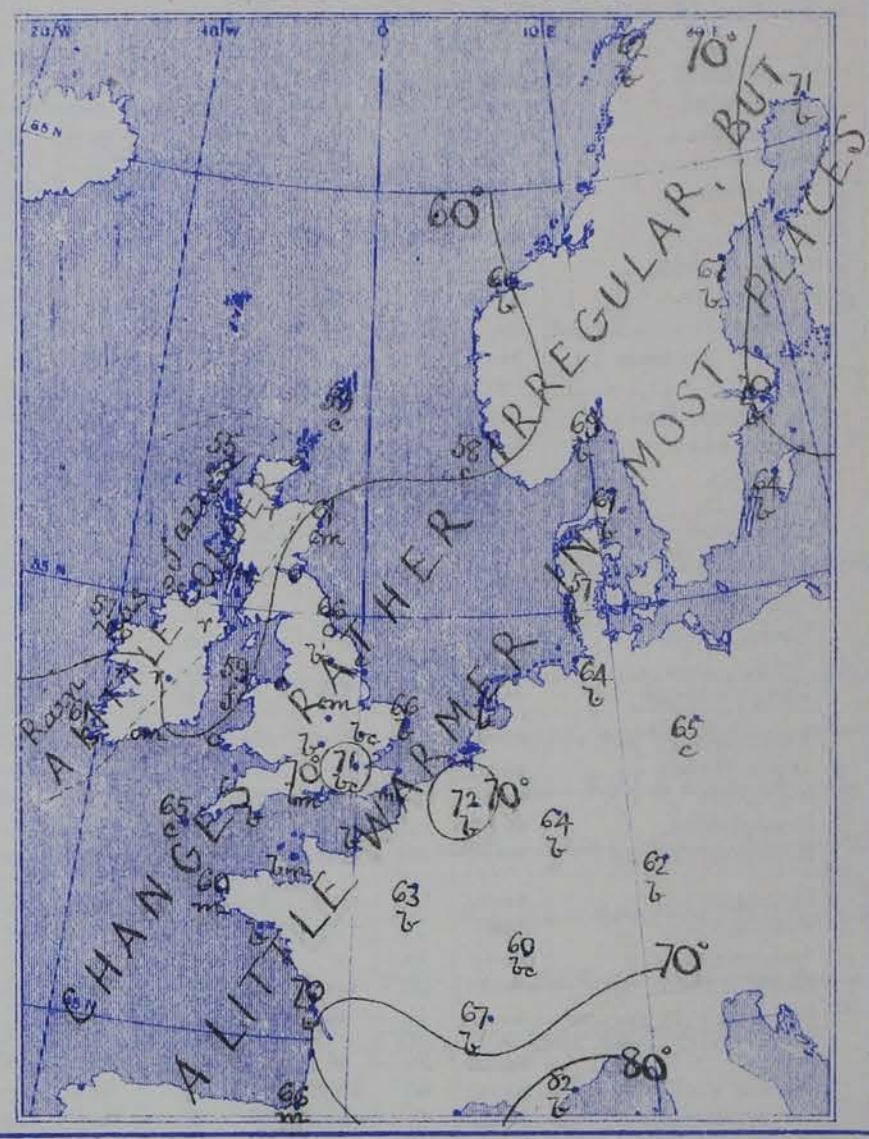
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.
Force above 10 ; Force 5 to 7 ; Force 1 to 4 ; Calm ⊙
SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.1 ins. and upwards over Scandinavia, Denmark, Germany, the Netherlands and the eastern parts of the North Sea.
Lowest 29.9 ins. and less in a shallow depression lying over the W. and N. of Scotland and also in another system over the Gulf of Genoa.
Gradients slight. Barometer falling a little in most parts of our area, but rising again in the W. of Ireland; rising in Sweden.

TEMPERATURE — Highest (1) 82° at Nice, and 73° at Lisbon; (2) 72° at Brussels, 71° in London and 69° at Jersey and Lerwick; (3) 71° at Haparanda, and 70° at Stockholm.
Lowest 55° at Stornoway, 57° at Paris, Malin Hd. & Belmullet and 58° at Skudenaes & Aadrossan.
During yesterday the thermometer rose to 80° and upwards in many parts of England, and to 85° in London and at Cambridge. At Haparanda, Hernösand and Paris it also reached 86°, at Nice 91° and at Lisbon 96°.

WIND — Light from the S^nd in all but the extreme southern parts of Gt. Britain, and also on the Norwegian coast; W. or NW. in Ireland.
Light and variable over the Channel, France and Germany; NW. in Denmark and the south of Sweden; calm in the north of Sweden.

WEATHER — Fine over England and the western parts of the Continent generally, but dull in Ireland and Scotland, with rain in places.
Since yesterday morning rain has fallen in most parts of Ireland and the W. and N. of Scotland.
A solar halo was seen yesterday at Oxford.
The amount of Bright Sunshine registered yesterday was 11.6 hrs. in London and at Pembroke, 12 hrs. at Sandy, 13.2 hrs. at Aberdeen, and 13.5 hrs. at Cambridge, but only 0.4 hrs. at Stornoway.

SEA — Slight or smooth generally, but rather rough at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scotland seems likely to move away to the northward. Over England and France barometrical pressure is very uniform, but conditions are becoming favourable for the development of small thunderstorm depressions.

FORECASTS

For the 24 hours ending at NOON on 15TH JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. to SW. winds, light, cloudy, unsettled, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Variable or S. airs, fine and warm at first, cloudy later and cooler, possibly thunderstorms.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW. and W. winds light, cloudy, some showers, thundery locally.
9	IRELAND NORTH	W. and NW. winds, light, cloudy, some showers.
10	IRELAND SOUTH	
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·18	68	55	NNW	4	b	1
Sumburgh Head	30·13	58	58	ESE	1	o	2
Stornoway	30·02	62	57	SW	5	o	5
Aberdeen	30·03	64	57	SE	3	b	2
Shields	30·17	65	61	E	3	c	3
Ardrossan	30·11	66	64	SSW	2	b	2
Malin Head ...	30·05	70	67	S	2	bc	1
Belmullet	30·05	60	60	SSW	5	o	*
Holyhead	30·17	67	64	SW	3	bc	2
Valencia	30·14	66	60	SSW	3	c	4
Scilly	30·19	69	63	SW	1	bc	4
Jersey	30·19	75	64	WNW	3	b	3
Hurst Castle ...	30·19	74	65	SW	1	bm	1
Dungeness ...	30·15	70	65	ENE	2	b	1
North Foreland	30·21	67	63	E	2	b	2
London (Westminster)	30·16	82	64	NE	1	b	*
Yarmouth ...	30·20	68	63	SSE	3	b	3
Rochefort ...	30·15	80	75	NW	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of our Islands and the Continent, but foggy on the west and southwest coasts of Gt. Britain. Dull and rainy in the south of Russia, and also at Madrid. No important change occurring over western Europe during day, but rain falling at night in Ireland and the west and north of Scotland. Solar halo seen at Oxford in afternoon.

Temperature fallen in the Nᵉʳⁿ parts of Gt. Britain and also over central France, but risen in most other localities. Morning readings highest (1) 91° at Tunis, 88° at Palma, and 87° at Barcelona (above 75° over southern Europe and the Mediterranean generally); (2) 73° in London, and 72° at Jersey; (3) 72° at Haparanda and Ulcaborg. Lowest (1) 55° at Sumburgh Hd., 57° at Stornoway, and 58° at Christiansund and Wick; (2) 56° at Warsaw, and 58° at Cracow. Rising during day to 80° and upwards at most of the English stations, and to 86° in London and at Cambridge. Reaching 86° also (1) at Haparanda and Hernösand; (2) at Paris, and rising to 91° at Nice, and 96° at Lisbon.

Wind light and variable over England, S. in the N. of Ireland; calm or SW. in Scotland. Light to moderate from the N. or NW. over Scandinavia, Denmark, Germany and the W. and S. parts of Russia; NE. over the Gulf of Finland. E. or NE. over Belgium and the central parts of France, but W. in the south of France; NE. over the Spanish Peninsula, variable in Italy. S. and SW. breezes setting in later over the whole of Ireland and Scotland, and blowing strongly in the extreme W.; no change reported in other parts of W. Europe.

Barometer highest 30·2 ins. and upwards over England, the North Sea, the Netherlands, W. Germany and the N. of France; 30·1 ins. and upwards in an anticyclone covering nearly the whole of western and northern Europe. Lowest 29·8 ins. and less in a large shallow area over the central and southern parts of Russia. Anticyclone giving way gradually during day; shallow depression skirting our extreme NW. coast and barometer falling over W. Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 15th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·08	68	SW	0	bc	30·09	-·06	72	70	+ 1	SW	0	b	*	b	*	75	30	-
	Hernösand ...	30·10	66	SW	0	b	30·07	-·10	68	61	+ 1	SW	0	b	*	b	*	61	54	-
	Stockholm ...	30·10	60	S	4	f	30·06	-·10	75	63	+ 5	NE	2	b	*	b	*	70	50	-
	Wisby	30·10	64	N	4	b	30·07	-·04	66	62	+ 2	NNW	4	b	*	b	*	70	55	-
	Karlstad ...	30·08	72	NSW	2	b	30·08	-·04	67	61	- 2	W	2	b	*	b	*	*	*	-
	Bodö	30·03	64	SW	0	b	30·00	-·15	68	59	+ 6	SW	0	b	0	b	*	68	57	-
	Christiansund ...	30·06	62	NW	2	bc	29·97	-·13	61	56	+ 1	NW	1	c	1	bc	*	66	57	-
	Skudesnaes ...	30·10	60	S	4	f	30·05	-·11	60	59	+ 2	S	5	r	3	bc,f	*	66	50	*
	Færder (Christiania Fjord)	30·13	69	SSW	2	bc	30·08	-·09	69	65	+ 0	ENE	1	bc	1	bc	*	78	66	-
	Skagen (The Scaw)	30·12	66	N	1	bc	30·09	-·08	68	65	+ 1	ESE	1	c	0	bc	*	81	61	0·12
	Fanö	30·08	62	SW	0	b	30·05	-·12	66	62	+ 9	E	2	c	*	b	*	73	57	-
British Islands	Sumburgh Head	29·87	55	SW	0	r	29·98	+·09	52	52	- 7	W	2	0	2	0,r	*	63	51	0·11
	Stornoway ...	29·93	57	NNW	3	0	30·13	+·30	54	52	- 1	N	3	0	3	2,0	1·0	64	50	-
	Wick	29·92	59	NW	1	0	30·11	+·20	58	56	- 2	NW	3	bc	1	op	*	62	48	0·30
	Nairn	29·90	64	SW	0	c	30·10	+·21	56	53	- 4	W	1	c	1	c	*	64	51	0·21
	Aberdeen ...	29·92	66	NW	1	bc	30·10	+·16	60	54	- 1	N	1	bc	1	c, r, p	4·0	68	54	0·04
	Leith	29·95	63	NSW	1	r	30·09	+·16	54	52	- 12	W	1	om	*	r	*	67	51	0·08
	Shields	29·97	67	SW	0	c	30·04	+·06	55	54	- 11	N	4	oa	3	0.c	*	70	54	-
	Spurn Head ...	29·97	66	NNW	2	0	29·98	-·04	61	59	- 7	NW	5	0	3	bc, p	*	72	58	-
	York	29·99	69	W	1	c	30·01	-·01	59	57	- 5	N	1	0	*	c.bc	2·3	72	56	-
	Loughborough ...	29·99	71	WNW	1	c	30·02	-·03	63	59	- 4	NW	3	c	*	c,0,bc	*	79	58	-
	Ardrossan ...	29·98	61	WNW	3	b	30·09	+·14	59	55	+ 1	NW	3	c	2	r. b	*	61	50	0·12
	Malin Head ...	30·04	58	W	3	bc	30·17	+·27	53	53	- 4	N	4	0	2	0, bc	*	60	53	0·02
	Belmullet ...	30·13	59	NNW	3	bc	30·25	+·25	56	50	- 1	N	2	0	*	c.bc	*	62	55	-
	Donaghadee ...	30·04	57	SW	3	0	30·15	+·16	56	54	- 3	NNW	5	c	3	op	*	63	48	0·31
	Liverpool (Bidston)	30·00	67	NW	1	bc	30·07	+·04	60	53	- 2	NNW	4	b	3	bc	*	69	55	-
	Holyhead ...	30·01	60	NSW	3	cu	30·12	+·09	58	56	- 1	NNW	5	b	3	bc, cu	*	66	54	-
	Parsonstown ...	30·07	62	NW	1	0	30·23	+·25	56	52	- 4	NW	2	0	*	c. 0	2·4	67	48	0·08
	Valencia ...	30·14	61	NNW	4	bcq	30·27	+·24	58	54	- 3	N	4	0	4	oq, bcq	5·3	63	54	-
	Roche's Point ..	30·07	65	NW	4	b	30·23	+·19	56	53	- 4	NNW	3	b	3	p, b	*	69	51	-
	Pembroke (St. Ann's Hd.)	30·01	64	W	3	bc	30·12	+·05	59	54	- 3	NE	5	b	2	bc	8·1	65	54	-
	Scilly	30·06	64	W	1	c	30·11	+·04	62	58	- 3	NNE	5	c	2	bc.c	6·5	70	57	0·15
	Prawle Point ...	30·03	65	NSW	3	c	30·03	-·04	67	62	0	NNW	3	c	2	c	*	69	55	-
	Jersey (St. Aubin's)	30·04	67	WNW	3	cf	30·01	-·07	64	60	- 5	WNW	4	c	3	b.f	*	76	52	-
	Hurst Castle ...	29·98	73	NW	2	cu	29·99	-·07	69	63	+ 1	NNE	3	cm	2	bcm.cu	*	74	62	-
	Dungeness ...	29·95	71	NSW	3	bc	29·90	-·14	64	63	- 5	N	3	tp	2	b.bc	*	72	60	0·01
	North Foreland	29·97	75	S	2	bc	29·92	-·15	63	61	- 5	NNE	2	c	2	bc, tb	*	79	61	0·32
	London (Brixton) ...	29·96	79	SW	2	0	29·98	-·08	66	60	- 5	NE	3	c	*	c,0	5·9	87	64	-
	Oxford	29·97	70	NSW	2	0	30·00	-·05	64	59	- 1	NNW	4	b	*	0	*	81	60	-
	Cambridge ...	29·94	80	N	1	0	29·97	-·08	65	60	- 3	NNW	3	om	*	bc, 0	8·4	88	60	-
	Yarmouth ..	29·97	68	SSE	2	b	29·93	-·13	63	61	- 3	NNW	2	c	3	b, t	*	70	60	0·02
Germany & Holland	Cuxhaven ...	30·10	70	N	2	b	30·02	-·12	?	?	?	ESE	2	c	*	b	*	72	61	-
	Berlin	30·06	74	NNE	1	b	30·06	-·08	66	59	+ 1	SE	1	b	*	b	*	84	52	-
	Wiesbaden ...	*	*	*	*	*	30·03	-·12	67	60	+ 3	W	0	b	*	*	*	79	59	-
	Munich... ..	30·13	64	E	1	b	30·08	-·11	62	59	0	E	3	b	*	b	*	72	52	-
	The Helder ...	30·01	74	W	0	b	29·92	-·21	71	65	+ 3	SE	1	b	1	b	*	77	66	-
Belgium.	Brussels ...	*	*	*	*	*	29·93	-·18	73	63	+ 1	SSE	3	b	*	b	*	84	62	-
	Cape Gris Nez ...	29·98	68	W	0	m	29·92	-·14	65	62	- 3	W	0	t	0	m	*	77	61	-
	Paris	29·99	82	E	2	b	29·94	-·16	68	60	+ 5	E	1	c	*	b	*	88	59	-
	Brest	30·07	66	NW	2	bc	?	?	62	61	+ 2	NNW	1	bc	1	bc	*	77	55	-
	Lorient... ...	30·03	70	W	4	0	30·03	-·04	61	59	- 2	N	4	bc	2	0	*	81	54	-
France &	Rochefort ...	30·01	74	NW	4	b	30·01	-·05	67	65	- 3	N	4	bc	*	b	*	81	64	-
	Belfort	29·95	76	ENE	2	bc	29·93	-·13	66	60	+ 6	E	3	b	*	bc	*	79	58	-
	Lyons	29·96	80	N	1	b	29·95	-·09	71	63	+ 4	E	1	b	*	b	*	85	60	-
	Nice	29·82	76	SW	2	b	29·95	+·04	76	69	- 6	W	0	b	0	b	*	90	68	-
	Perpignan ...	29·89	88	SE	1	b	29·94	-·08	79	69	- 2	SW	1	b	*	b	*	99	66	-
	Biarritz ...	29·97	73	W	3	b	29·98	-·03	70	69	+ 4	W	4	b	2	b	*	77	66	-
Peninsula.	Corunna ...																*			
	Lisbon	29·97	68	N	4	b	30·01	+·04	67	63	- 6	N	5	0	*	b	*	84	64	-
	Azores (P. Delgada)	30·36	68	NNE	3	b	30·35	+·02	68	67	- 1	E	2	0	2	b	*	77	66	0·04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 3·8 hrs. Eastbourne 13·3 hrs.

WEATHER CHARTS

FOR Wednesday 15th July, 1896.

BAROMETER, WIND AND SEA.

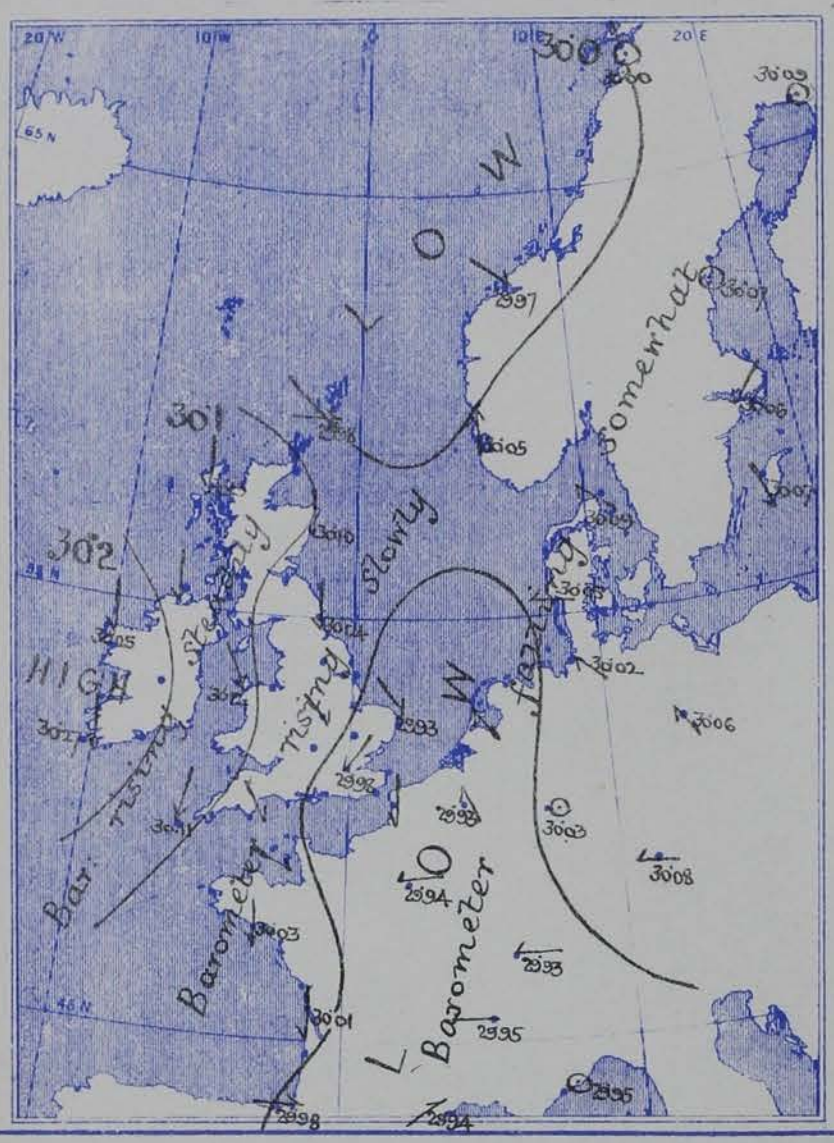
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ : Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ;

SEA –Rough ; High

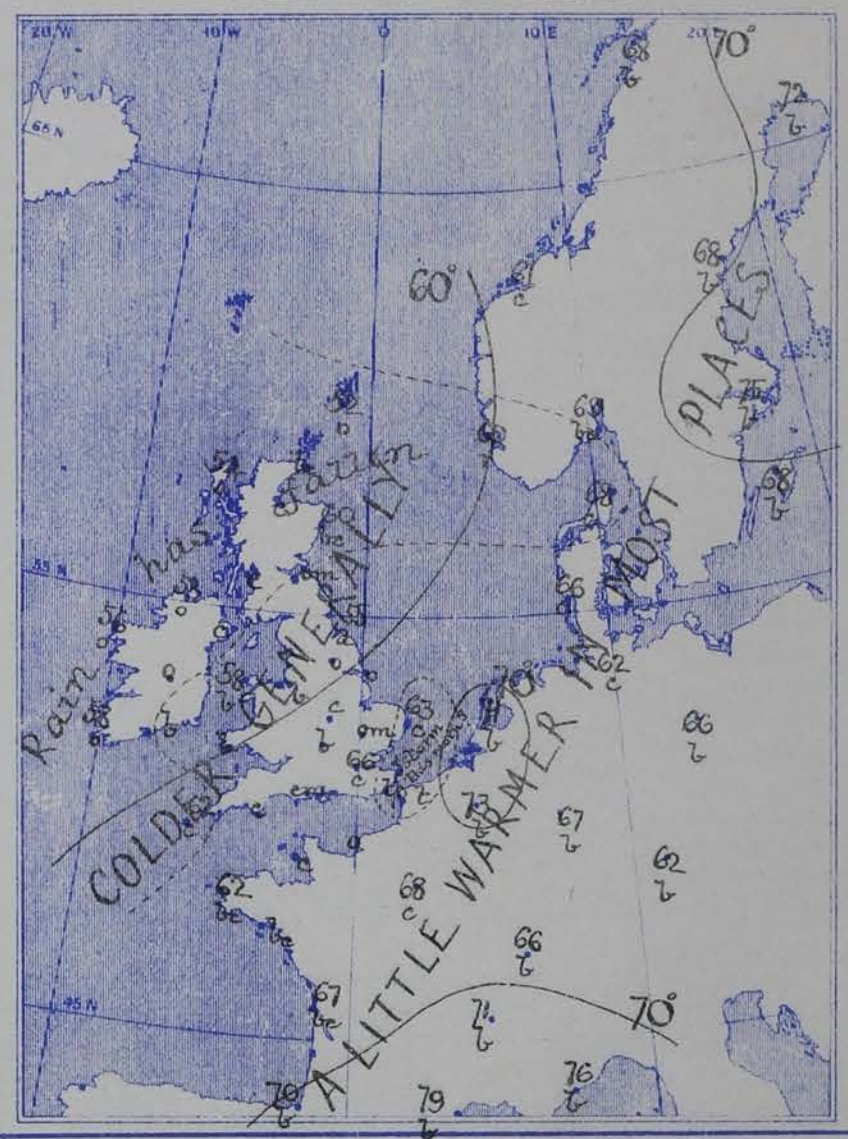


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 860	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards, in an anticyclone extending from the Atlantic over the greater part of Ireland.
Lowest, 30·0 in: and less, in two large areas,—one lying off the west of Norway, and the other over France, the Netherlands, and the east and southeast of England.
Gradients slight. Barometer rising in our Islands and the west of France, but rising in most other parts of Western Europe.

TEMPERATURE

Highest, (1) 79° at Perpignan, 76° at Nice, 73° at Brussels, and 71° at the Helder and the Lizard; (2) 75° at Stockholm, and 72° at Haparanda.
Lowest, 52° at Lerwick, 53° at Malin Hd., 54° at Stornoway, 55° at Shields, and 56° at Nairn, Belmullet, Donaghadee, Parsonstown and Roche's Pt.
During yesterday the thermometer rose to 87° in London and to 88° at Cambridge; at the Continental stations the highest readings were 99° at Perpignan and 90° at Nice; but at Haparanda the thermometer reached 81°.

WIND

Light to fresh from the N. or NW. over our Islands and the west of France.
Light from the E. or SE. over Denmark, Germany, the Netherlands, and Central France; variable at the Scandinavian stations.

WEATHER

Fine over Western Europe generally, but dull in the extreme west and north of our Islands, and also in the east and southeast of England. Slight rain is falling at Shields and Dungeness, with thunder at the latter station, as well as at Cape Gris Nez.
Since yesterday morning a little rain has fallen in many isolated parts of the United Kingdom. A thunderstorm occurred at the North Foreland, and thunder was heard at Yarmouth early this morning.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the west seems likely to spread eastwards, so that fair dry weather is likely in most districts. A further fall of temperature is probable over England.

FORECASTS

For the 24 hours ending at NOON on 16TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. winds, light; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N. winds, moderate; local thundershowers at first, then fair, cooler.
6	SCOTLAND WEST	N. winds, moderate or fresh; fair, cool.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30 11	66	60	S	4	bc	2	Valencia	30·10	60	56	NW	4	oq	5
Sumburgh Head	29·89	60	59	NNW	2	o	3	Scilly	30·07	69	63	W	1	bz	3
Stornoway	29·86	59	56	W	3	r	3	Jersey	30·05	72	65	NW	2	b	2
Aberdeen	29·90	63	59	SW	1	o	1	Hurst Castle ...	30·03	73	66	SW	3	bcm	2
Shields	29·97	69	62	SW	2	o	2	Dungeness ...	30·00	71	67	SSW	2	b	1
Ardrossan	29·97	58	58	SSW	2	r	2	North Foreland	30·01	78	64	SE	3	bc	2
Malin Head ...	29·98	59	58	W	4	bc	1	London (Westminster)	29·97	86	66	W	1	bc	*
Belmullet	30 05	60	55	WNW	2	c	*	Yarmouth ...	30·00	69	64	SSE	3	b	2
Holyhead	30·02	64	62	SW	4	bc	3	Rochefort ...	30·04	79	73	NW	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Thursday 16th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·02	66	L	0	b	30·01	— ·08	71	66	— 1	L	0	b	*	b	*	77	59	—
	Hernösand ...	30·06	67	S	4	b	30·04	— ·03	65	64	— 3	S	4	bc	*	b	*	82	54	?0·32
	Stockholm ...	30·06	68	SE	2	b	30·09	+ ·03	72	65	— 3	E	2	m	*	b	*	79	61	—
	Wisby	30·07	66	SE	4	b	30·08	+ ·01	66	62	0	SE	2	b	*	b	*	77	57	—
	Karlstad ...	30·03	72	SW	4	b	30·07	— ·01	68	62	+ 1	SW	1	b	*	b	*	*	*	—
	Bodö	30·06	58	SW	1	o	30·13	+ ·13	55	54	— 13	SW	1	r	1	o	*	68	55	0·20
	Christiansund ...	30·10	59	W	3	f	30·08	+ ·11	58	55	— 3	N	1	o	1	f	*	61	55	—
	Skudesnaes ...	30·07	59	L	0	r	30·12	+ ·07	56	55	— 4	NW	4	o	2	r	*	61	54	*
	Færder (Christiania Fjord)	30·04	69	WSW	2	bc	30·09	+ ·01	71	67	+ 2	SSE	1	c	1	bc	*	73	66	—
	Skagen (The Scaw)	30·06	69	L	0	bc	30·09	·00	69	66	+ 1	L	0	b	0	bc	*	79	59	—
	Fano	29·98	70	SE	3	c	30·01	— ·04	67	62	+ 1	SE	4	b	*	c	*	84	61	—
	Sumburgh Head	30·11	53	NW	2	c	30·21	+ ·23	53	50	+ 1	L	0	o	2	b,c	*	56	50	—
	Stornoway ...	30·22	58	NNW	3	o	30·28	+ ·15	56	54	+ 2	L	0	o	0	bc,o	4·0	61	50	—
	Wick	30·22	59	NW	3	bc	30·30	+ ·19	56	54	— 2	NW	4	o	2	bc	*	62	49	—
	Nairn	30·18	61	L	0	c	30·29	+ ·19	53	51	— 3	W	1	c	1	c	*	63	41	—
	Aberdeen ...	30·19	59	N	2	b	30·29	+ ·19	54	49	— 6	NW	2	c	1	bc,b	11·4	63	48	—
	Leith	30·17	60	E	1	o	30·28	+ ·19	60	56	+ 6	E	1	c	*	o	*	65	51	—
	Shields	30·15	56	N	4	o	30·25	+ ·21	56	52	+ 1	NNE	4	c	4	o,dp,o	*	56	47	—
	Spurn Head ...	29·99	59	NNW	6	o	30·08	+ ·10	55	54	— 6	NNW	7	r	5	o	*	65	53	0·20
	York	30·09	56	N	3	o	30·20	+ ·19	56	52	— 3	N	3	o	*	o	?	?64	51	0·12
	Loughborough ...	30·08	59	NW	3	o	30·19	+ ·17	54	51	— 9	N	3	op	*	cgm,op	*	71	52	0·02
British Islands	Ardrossan ...	30·16	62	NW	4	o	30·29	+ ·20	60	56	+ 1	WNW	2	b	2	o	*	65	48	—
	Malin Head ...	30·23	58	NNW	4	bc	30·31	+ ·14	56	56	+ 3	N	2	og	2	bc	*	59	53	—
	Belmullet ...	30·32	58	N	2	bc	30·38	+ ·13	56	51	0	NNW	2	bc	*	e,bc	*	62	50	—
	Donaghadee ...	30·21	61	NNW	6	b	30·32	+ ·17	59	55	+ 3	NNW	6	b	4	b	*	63	53	—
	Liverpool (Bidston)	30·11	61	NNE	2	o	30·25	+ ·18	60	52	0	N	2	b	3	bc,o	*	65	54	—
	Holyhead ...	30·17	57	N	6	c	30·28	+ ·16	58	55	0	N	4	b	3	bc,c	*	60	54	—
	Parsonstown ...	30·25	62	N	1	b	30·37	+ ·14	57	51	+ 1	L	0	b	*	b	7·9	66	43	—
	Valencia ...	30·30	61	N	4	c	30·39	+ ·12	57	51	— 1	NE	1	o	2	cq,c	4·2	62	51	—
	Roche's Point ...	30·24	63	N	3	bc	30·35	+ ·12	58	53	+ 2	N	3	b	3	bc	*	65	50	—
	Pembroke (St. Ann's Hd.)	30·15	60	N	5	b	30·25	+ ·13	60	59	+ 1	NE	4	bm	3	b	14·5	63	54	—
	Scilly	30·17	62	N	4	bc	30·24	+ ·13	60	57	— 2	NNE	5	bc	3	c,bc	11·7	63	56	—
	Prawle Point ...	30·06	67	NNW	4	bc	30·18	+ ·15	62	61	— 5	NE	4	c	3	bc,b	*	79	53	—
	Jersey (St. Aubin's)	30·03	68	NW	3	b	30·15	+ ·14	60	56	— 4	N	4	og	3	cm,b,b	*	71	60	—
	Hurst Castle ...	29·99	74	NW	3	b	30·13	+ ·14	62	57	— 7	N	4	cm	2	c,b	*	78	58	—
	Dungeness ...	29·94	64	ENE	2	ct	30·02	+ ·12	58	57	— 6	NNW	3	o	2	c,ct	*	70	57	0·04
	North Foreland	29·96	65	NE	2	c	30·01	+ ·09	59	58	— 4	NNW	3	o	3	o,c,bq	*	65	58	0·13
	London (Brixton) ...	29·97	71	NE	2	c	30·10	+ ·12	56	53	— 10	N	4	o	*	bq,ct,oq	2·2	77	56	0·01
	Oxford	30·06	60	N	2	o	30·15	+ ·15	54	51	— 10	N	2	op	*	bc,o	*	74	52	0·05
	Cambridge ...	29·99	67	N	4	o	30·09	+ ·12	54	53	— 11	N	5	d	*	c,o	2·9	73	52	0·03
	Yarmouth ...	29·94	62	NNW	3	cm	29·96	+ ·03	60	59	— 3	NNW	4	orm	4	p,c,cm	*	65	58	0·13
Germany & Holland	Cuxhaven ...	29·92	72	E	3	bc	29·91	— ·11	66	66	?	ESE	4	b	*	bc	*	75	63	—
	Berlin	29·95	77	L	0	b	29·99	— ·07	71	61	+ 5	ESE	2	b	*	b	*	86	64	—
	Wiesbaden ...	*	*	*	*	*	29·92	— ·11	64	62	— 3	L	0	r	*	*	*	73	63	0·16
	Munich	29·97	66	NE	3	b	30·06	— ·02	63	60	+ 1	W	4	r	*	b	*	75	55	0·04
	The Helder ...	29·94	66	L	0	r	29·91	— ·01	65	62	— 6	NW	1	o	1	r	*	73	63	0·47
Belgium. France &	Brussels ...	*	*	*	*	*	29·94	+ ·01	61	60	— 12	WNW	2	o	*	o	*	85	58	1·10
	Cape Gris Nez ...	29·96	63	ENE	3	m	29·97	+ ·05	59	59	— 6	N	5	o	5	m	*	68	57	0·67
	Paris	29·94	64	L	0	bc	30·02	+ ·08	63	59	— 5	N	3	o	*	bc	*	72	61	0·16
	Brest	30·10	63	NNW	4	b	30·16	?	60	58	— 2	NE	2	c	1	b	*	70	52	0·04
	Lorient	30·11	72	N	6	b	30·12	+ ·09	57	56	— 4	N	4	b	3	b	*	73	52	—
	Rochefort ...	30·01	70	NW	6	b	30·09	+ ·08	63	61	— 4	N	4	b	*	b	*	75	59	—
	Belfort	29·80	77	W	2	c	29·93	·00	66	61	0	WSW	3	o	*	c	*	85	59	—
	Lyons	29·82	82	E	1	o	29·98	+ ·03	68	65	— 3	NE	1	c	*	o,zr	*	89	61	0·04
	Nice	29·91	73	SW	1	bc	29·92	— ·03	69	64	— 7	SSW	2	c	0	bc	*	84	68	—
	Perpignan ...	29·91	78	S	1	t	29·98	+ ·04	76	64	— 3	NW	3	bc	*	t	*	92	69	—
	Biarritz ...	30·01	71	NW	3	o	30·04	+ ·06	69	64	— 1	NW	4	c	2	o	*	73	66	—
Peninsula.	Corunna ...																*			
	Lisbon	30·00	66	NNE	4	b	30·02	+ ·01	65	61	— 2	NNW	5	o	*	b	*	75	63	—
	Azores (P. Delgada)	30·37	71	NNE	1	c	30·38	+ ·03	71	67	+ 3	NE	3	c	3	c	*	75	68	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday: Southport 7·5 hrs; Eastbourne 4·4 hrs.

WEATHER CHARTS

FOR Thursday, 16th July 1896.

BAROMETER, WIND AND SEA.

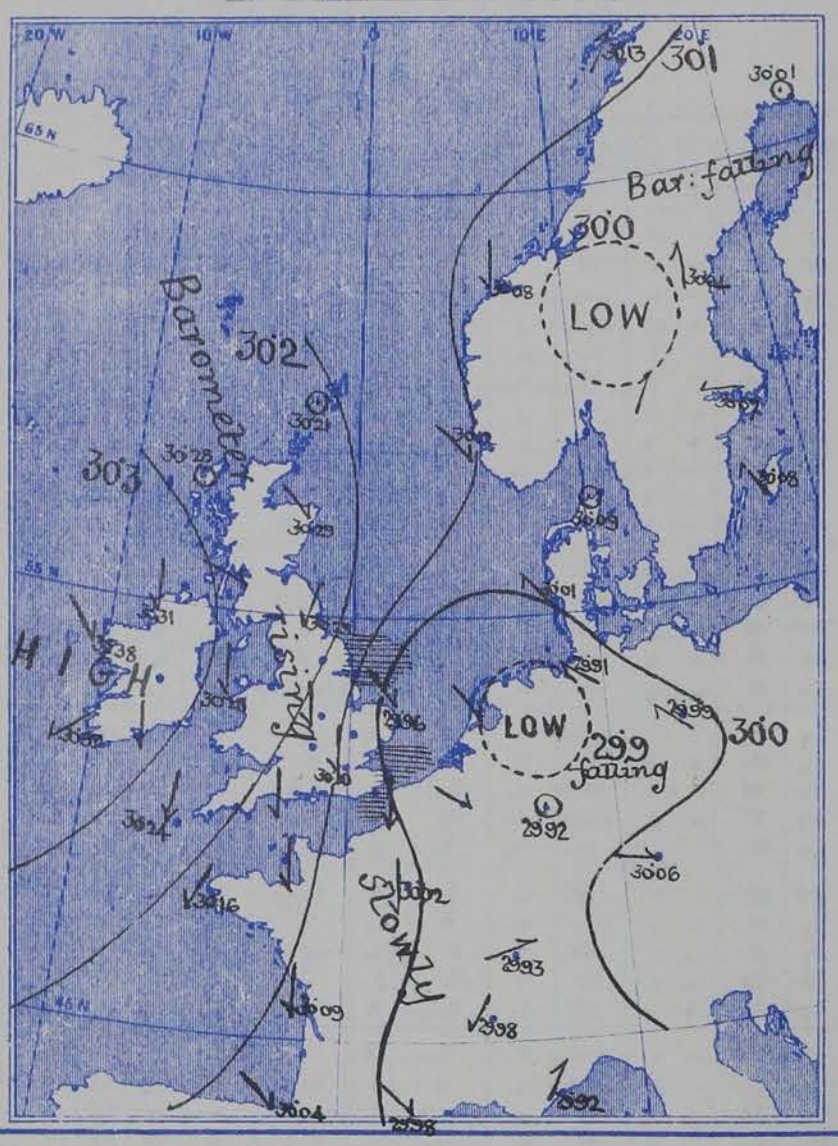
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—{ A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins. and upwards in an anticyclone lying over and to the westward of Ireland.
Lowest 29·9 ins. and less in a small shallow depression lying over the Netherlands.
Gradients slight generally, but moderate over the east of England.
Barometer rising a little in most places, but falling over the northern parts of Sweden.

TEMPERATURE

Highest (1) 76° at Perpignan, and 69° at Nice and Biarritz; (2) 72° at Stockholm, and 71° at Haparanda, Faeroe and Berlin.
Lowest 53° at Sumburgh Hd. and Nairn, 54° at Aberdeen, Loughborough, Oxford & Cambridge and 55° at Bal[illegible] & Spurn Head.
The maxima registered over the inland parts of England yesterday were much lower than those of Tuesday, but in London the thermometer rose to 77°.

WIND

NW. ½ W. in Scotland, but N. ½ W. in England, Ireland and France and fresh to strong in force on our E. coasts.
W. ½ N. over Belgium, the east of France and south Germany, but E. ½ N. or E. ½ S. over North Germany, Denmark and the south of Sweden.
Variable over Norway and the northern parts of Sweden.

WEATHER

Fine in all the more western parts of our Islands and France, as well as in Sweden, Denmark & N. Germany.
Cloudy over overcast elsewhere, with rain or passing showers over the E[n]. and central parts of England, as well as at Wiesbaden and Munich.
Rain fell yesterday in the E. and S. of England, and also over the Netherlands and Germany and the N. of France, the largest amounts being 1·1 ins. at Brussels, and 0·7 in. at Cape Gris Nez. Thunderstorms occurred in the S[t]. of England, with heavy rain at Eastbourne, and lightning was seen at night at Prawle Pt. & Jersey.

SEA

Rather rough at Spurn Head and Cape Gris Nez, moderate on our E. coasts generally, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the Netherlands seems likely to fill up, and as the anticyclone in the west spreads eastwards, fair dry weather will probably set in again over England.

FORECASTS

For the 24 hours ending at NOON on 17TH JULY. 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. ½ W. and NW. ½ W. winds, light; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	N. ½ W. winds, fresh, cloudy and showery at first then fair.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	N. ½ W. winds, light or moderate; fine generally.
8	ENGLAND S.W.	N. ½ W. and NE. ½ W. winds, moderate; fine generally.
9	IRELAND NORTH	Same as No. 7.
10	IRELAND SOUTH	
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·08	61	59	S	4	m	2	Valencia	30·31	62	55	NNW	4	cq	3
Sumburgh Head	30·08	55	53	NW	2	b	3	Scilly	30·16	62	58	N	5	c	3
Stornoway	30·19	59	58	NNW	3	bc	3	Jersey	30·03	69	61	NNW	5	c	4
Aberdeen	30·15	62	52	N	2	bc	1	Hurst Castle ...	29·99	76	64	NW	2	c	2
Shields	30·12	54	53	NNE	5	odp	4	Dungeness ...	29·98	70	66	N	3	c	2
Ardrossan	30·13	63	56	NW	4	o	3	North Foreland	29·96	64	62	NNE	3	o	2
Malin Head ...	30·22	58	54	NW	4	bc	2	London (Westminster)	29·96	74	62	NNW	3	c	*
Belmullet	30·31	59	52	N	1	c	*	Yarmouth ...	29·94	63	61	NNW	3	c	3
Holyhead	30·15	59	57	N	5	bc	4	Rochefort ...	30·01	73	70	NW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of our Islands and the Continent, but cloudy on our extreme western and northern coasts and also in the east and southeast of England; slight rain falling at Shields and Dungeness, with thunder at the latter stations. Rain falling also at Skudesnaes. Rain falling during day over the Netherlands, Germany and the east and southeast of England, - heavily in places. Thunderstorms occurring in the southeast of England, and lightning seen over the western parts of the Channel at night.

Temperature fallen in our Islands and also in Italy and the south of Spain, but risen in most other localities. Morning reading. highest (1) 87° at Algiers, 82° at Athens and La Calle, and 80° at Patras; (2) 75° at Stockholm, 72° at Haparanda, and 71° at Ulcaborg; (3) 73° at Brussels, 71° at the Helder, and 69° at Hurst Castle. Lowest 52° at Sumburgh Head, 53° at Malin Head, 54° at Stornoway, and 55° at Shields. Daily maxima below 65° at many of our own western and northern stations and below 60° in a few places, but thermometer exceeding 75° in the extreme south of England. Exceeding 80° in many parts of Sweden, Denmark, Germany and France, and reaching 92° at Perpignan.

Wind light to fresh from the N^wd. or NW^wd. over our Islands and the western parts of France and the Spanish Peninsula. Light from the E^wd. or SE^wd. over Denmark, the Netherlands, western Germany and the E^rn. and central parts of France. Calm or variable in Scandinavia; NE^ly. over northern and central Russia; NW^ly. over Poland and Austria; variable in Italy and Greece. Subsequently veering to the NE^wd. in the southeast of England; no important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards in an anticyclone extending from the Atlantic over the west and south of Ireland, 30·1 ins. and upwards in another system over northern Russia. Lowest 29·8 ins. and less in a large shallow area over the southern parts of Russia, 30·0 ins. and less in two other systems — one lying off the west of Norway and the other over Spain, France the Netherlands and the E^rn. parts of England. Anticyclone in W. subsequently spreading E^wds. and barometer rising in all parts of the United Kingdom.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 17th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.98	66	SW	2	c	30.01	·00	68	63	- 3	W	0	bc	*	c	*	75	54	0.12
	Hernosand ...	30.08	64	S	2	bc	30.08	+.04	60	64	+ 4	S	2	bc	*	bc	*	75	61	-
	Stockholm ...	30.09	68	S	2	b	30.12	+.03	75	66	+ 3	N	2	b	*	b	*	79	59	-
	Wisby	30.14	64	ESE	4	b	30.14	+.06	68	64	+ 2	NNW	4	b	*	b	*	73	55	-
	Karlstad ...	30.10	68	NNW	2	b	30.13	+.06	68	62	0	NW	2	b	*	b	*	*	*	-
	Bodo	30.17	59	N	2	c	30.17	+.04	56	53	+ 1	SW	4	c	2	c	*	63	54	-
	Christiansund ...	30.24	55	NNW	2	f	30.21	+.13	56	54	- 2	W	0	f	1	f	*	59	55	0.08
	Skudesnaes ...	30.15	56	NNW	1	c	30.20	+.08	57	57	+ 1	NNW	4	c	3	c	*	63	48	+
	Faerder (Christiania Fjord)	30.10	75	SSW	1	bc	30.15	+.06	68	64	- 3	NNE	1	b	1	bc	*	75	66	-
	Skagen (The Scaw)	30.12	68	W	0	bc	30.14	+.05	70	65	+ 1	E	1	bc	0	bc	*	58	63	-
	Fano	30.04	69	W	0	b	30.06	+.05	67	61	0	E	3	c	*	b	*	86	63	0.08
	Sumburgh Head	30.24	54	WNW	1	c	30.19	-.02	55	53	+ 2	NNW	1	0	2	c	*	58	51	-
	Stornoway ...	30.30	56	NW	3	0	30.22	-.06	57	53	+ 1	NNW	3	0	3	0	0.0	60	51	-
	Wick	30.28	61	W	0	c	30.27	-.03	58	56	+ 2	N	1	0	0	c	*	60	52	-
	Nairn	30.28	61	E	1	c	30.26	-.03	59	56	+ 6	W	0	b	0	c	*	62	46	-
	Aberdeen ...	30.31	58	NE	2	c	30.30	+.01	56	51	+ 2	NW	1	c	1	c	2.1	59	45	-
British Islands.	Leith	30.29	61	E	2	b	30.29	+.01	58	55	- 2	?NNW	2	c	*	b	*	64	50	-
	Shields	30.29	58	N	3	bc	30.29	+.04	58	53	+ 2	N	3	c	3	bc	*	59	46	-
	Spurn Head ...	30.19	57	NNW	6	0	30.24	+.16	57	53	+ 2	N	5	0	4	r, 0	*	58	53	0.03
	York	30.25	60	N	4	c	30.30	+.10	54	51	- 2	N	1	0	*	c	4.3	69	45	-
	Loughborough ...	30.23	59	NNW	3	c	30.30	+.11	55	50	+ 1	NNW	3	cm	*	r, c, b, 0	*	60	47	0.06
	Ardrossan ...	30.28	63	W	4	b	30.32	+.03	58	56	- 2	NNW	2	c	1	b	*	65	50	-
	Malin Head ...	30.35	56	NNW	4	c	30.32	+.01	58	54	+ 2	W	4	b	1	c	*	59	54	-
	Belmullet ...	30.39	59	NW	2	0	30.38	.00	59	55	+ 3	W	2	0	*	c, 0	*	60	51	-
	Donaghadee ...	30.34	62	NNW	5	b	30.36	+.04	57	53	- 2	NNW	4	0	2	b	*	65	54	-
	Liverpool (Bidston)	30.27	63	NW	4	b	30.31	+.06	58	54	- 2	W	1	c	0	b	*	65	50	-
	Holyhead ...	30.30	58	NW	4	b	30.33	+.05	58	56	0	N	3	b	2	b	*	60	54	-
	Parsonstown ...	30.35	62	NW	1	c	30.40	+.03	56	52	- 1	N	1	0	*	c	7.4	65	53	-
	Valencia ...	30.39	50	N	3	ov	30.42	+.03	50	53	+ 2	NNE	1	0	2	c, ov	2.9	63	50	-
	Roche's Point ..	30.34	66	N	3	b	30.39	+.04	60	56	+ 2	N	3	c	3	b	*	68	52	-
	Pembroke (St. Ann's Hd.)	30.27	62	NNE	4	b	30.33	+.08	60	55	0	NE	4	c	3	b	14.0	62	54	-
	Scilly	30.28	62	N	4	bc	30.30	+.06	61	59	+ 1	NNE	5	b	2	bc	13.2	63	57	-
	Prawle Point ...	30.19	65	WSW	3	bc	30.29	+.11	63	62	+ 1	ENE	3	b	2	bc	*	72	54	-
	Jersey (St Aubin's)	30.19	62	NNE	5	c	30.25	+.10	60	55	0	NNE	4	0	3	c, q	*	63	58	-
	Hurst Castle ...	30.18	58	NNE	4	ou	30.24	+.11	59	54	- 3	NE	4	bm	2	q, ou	*	62	59	-
	Dungeness ...	30.03	58	N	5	r	30.14	+.12	58	57	0	N	5	0	4	r	*	60	56	0.14
	North Foreland	30.03	58	N	4	rq	30.16	+.15	59	57	0	N	4	oq	3	r, rq	*	60	57	0.35
	London (Brixton) ...	30.15	55	N	4	o	30.22	+.12	58	53	+ 2	NNE	2	c	*	oq, r, o	0.0	58	54	0.11
	Oxford	30.21	55	N	2	o	30.28	+.13	55	51	+ 1	N	4	oq	*	r, o	*	56	47	0.06
	Cambridge ...	30.15	54	N	4	r	30.24	+.15	58	54	+ 4	N	4	o	*	o, rq	0.0	58	51	0.13
	Yarmouth ...	30.05	60	NNE	6	cq	30.17	+.21	59	55	- 1	NNE	5	c	4	cq	*	61	55	0.01
Germany & Holland.	Cuxhaven ...	29.93	74	E	4	c	30.01	+.10	64	64	- 2	S	2	bc	*	c	*	77	63	-
	Berlin	29.99	77	W	0	b	30.01	+.02	71	61	0	ESE	1	bc	*	b	*	84	68	-
	Wiesbaden ..	*	*	*	*	*	30.08	+.16	61	59	- 3	NW	1	0	*	*	*	73	57	0.51
	Munich... ..	30.09	62	E	3	c	30.12	+.06	59	59	- 4	W	3	r	*	c	*	73	59	1.10
	The Helder ...	30.05	66	NE	4	0	30.07	+.16	61	60	- 4	NNE	4	0	4	0	*	68	61	0.24
Belgium.	Brussels ...	*	*	*	*	*	30.08	+.14	63	57	+ 2	SW	1	b	*	0	*	69	53	-
	Cape Gris Nez...	30.00	60	NE	6	r	30.10	+.13	59	57	0	ENE	6	0	6	r	*	73	59	0.59
	Paris	30.06	65	NNW	3	c	30.08	+.06	60	59	- 3	W	0	r	*	c	*	71	57	-
	Brest	30.24	67	NE	3	b	30.25	+.09	60	57	0	NNE	1	b	1	b	*	70	52	-
	Lorient... ...	30.17	64	N	5	bc	30.19	+.07	57	57	0	?NNE	2	bc	2	bc	*	70	52	r
France &	Rochefort ...	30.07	70	NW	5	c	30.18	+.09	61	58	- 2	NE	4	c	*	b, c	*	73	55	-
	Belfort	29.95	68	WSW	2	m	30.06	+.13	59	58	- 1	W	2	m	*	m	*	79	56	0.04
	Lyons	29.97	71	N	1	0	30.10	+.12	64	60	- 4	NNW	2	b	*	p, o, l	*	82	57	-
	Nice	29.94	75	W	0	b	30.01	+.09	67	64	- 2	E	1	c	1	b	*	86	67	0.16
	Perpignan ...	29.99	77	NW	3	0	30.06	+.08	71	64	- 5	W	0	0	*	0	*	85	66	0.04
	Biarritz ...	30.04	71	N	4	b	30.10	+.06	68	62	- 1	N	3	0	2	b	*	75	63	-
Peninsula.	Corunna ...																			
	Lisbon	29.99	64	NNW	5	b	30.02	.00	64	60	- 1	N	4	0	*	b	*	73	61	-
	Azores (P. Delgada)	30.43	70	NE	3	bc	30.42	+.04	71	68	0	SE	1	bc	2	bc	*	77	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE. *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 13.5 hrs; Eastbourne 0.2 hrs.

WEATHER CHARTS

FOR ..... Friday, 17th July, ... 1896.

BAROMETER, WIND AND SEA.

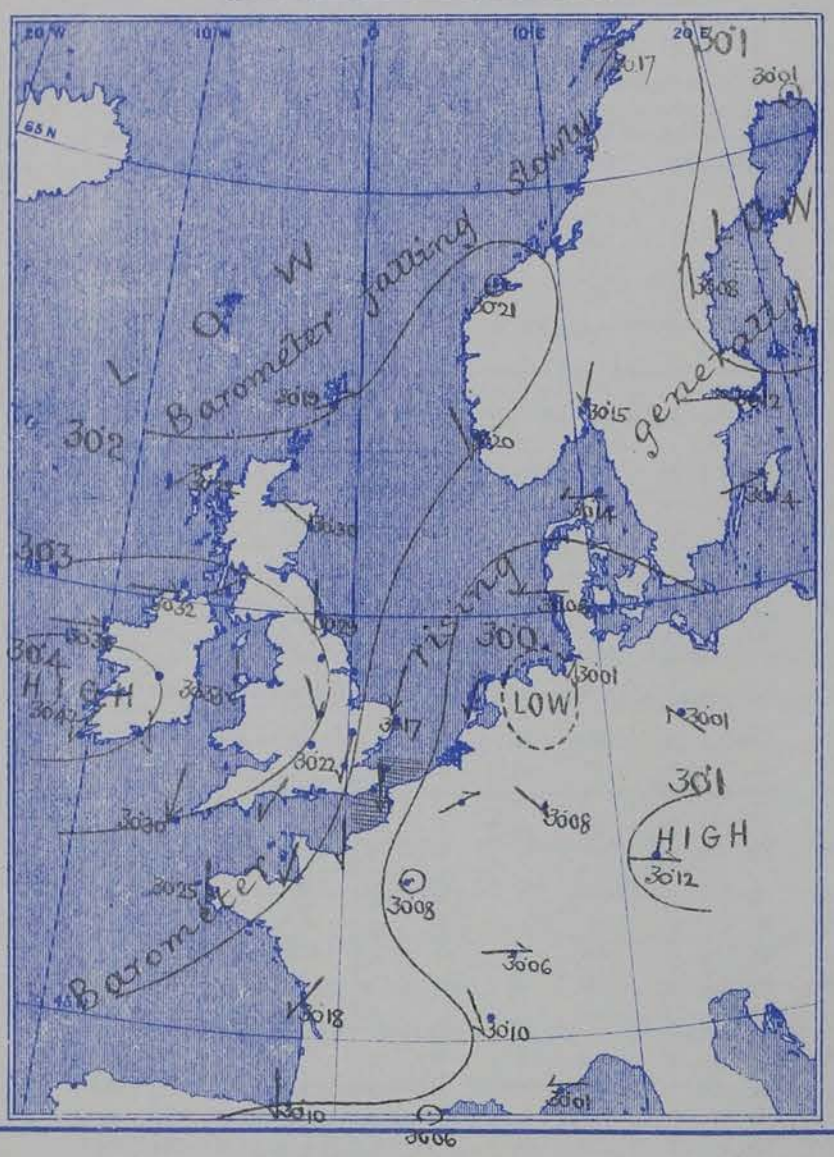
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }

SEA—Rough ▤ ; *High* ▩

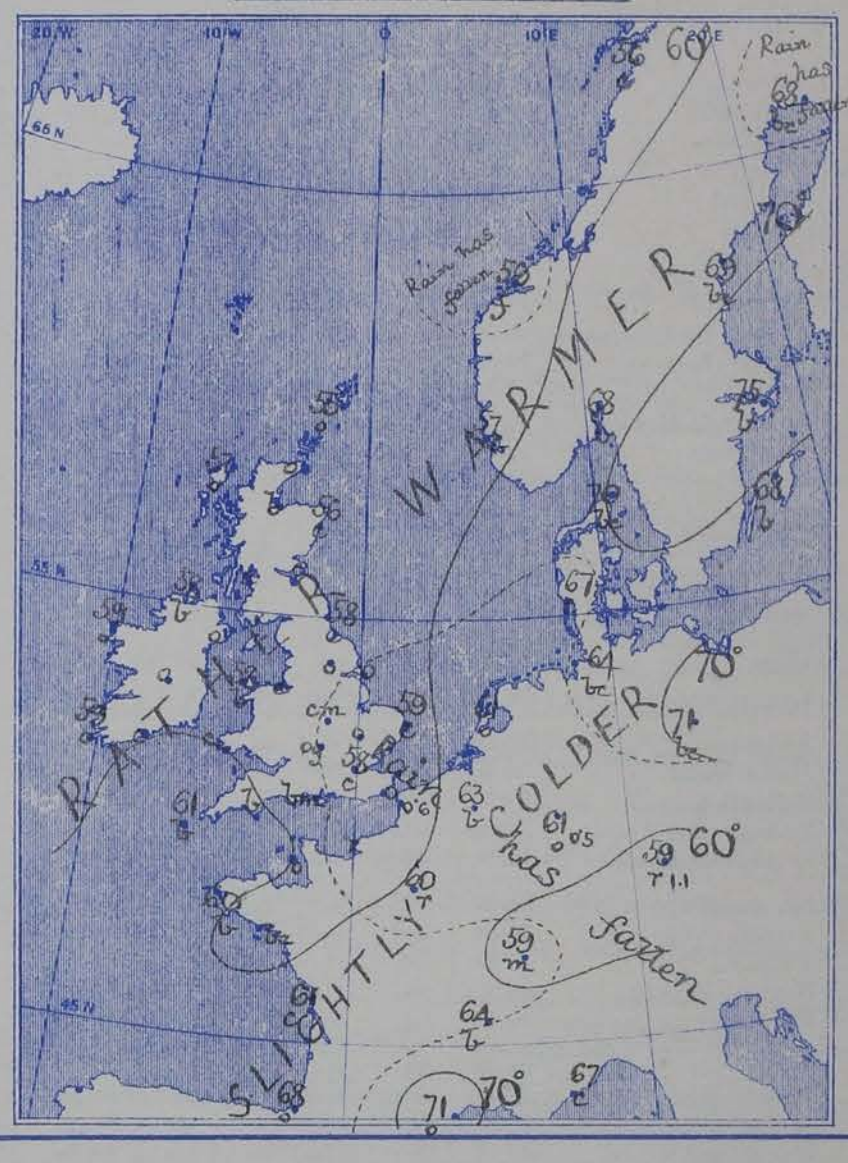


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·4 ins: and upwards, in the southwest of Ireland; 30·3 ins: and upwards, in an anticyclone covering the whole of Ireland, Wales, and the north of England.

Lowest, 30·0 ins: and less, in a shallow depression having its centre over Oldenburg

Gradients slight. Barometer falling a little in the northern parts of our Islands and the west of Norway, but rising elsewhere.

TEMPERATURE

Highest, (1) 75° at Stockholm, 71° at Berlin, 70° at Skagen, and 69° at Hernösand; (2) 71° at Perpignan and 68° at Biarritz.

Lowest, 54° at York, 55° at Scarborough, Mt. Loughborough, and Oxford, and 56° at Bodö, Christiansund, Aberdeen, and Parsonstown

The maxima registered yesterday were below 60° at several of our northern, eastern, and southeastern stations; in Sweden, however, the thermometer rose to 75° and upwards, and in Denmark to 85° and upwards.

WIND

N. or NE. over the greater part of our Islands and France, and fresh in force on our east and southeast coasts; light from between S. and E. in Denmark and North Germany.

Light from W. or SW. on our extreme north and northwest coasts; variable over the northern parts of Scandinavia, but varying between W. and N. in the south.

WEATHER

Fair or fine over Western Europe as a whole, but dull in the north of Scotland, and the east and southeast of England, as well as in the Netherlands, Central France, and the western and southern parts of Germany.

Rain is falling at Havre Paris, and Munich.

Rain fell yesterday in many parts of England and France, the largest amounts being 1·1 ins: at Munich, 0·6 ins: at Cape Gris Nez, 0·5 ins: at Westende.

Lightning was seen at Lyon in the evening.

SEA

Slight or smooth generally, but moderate on our east and southeast coasts, and rather rough at Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A depression is approaching the north of Scotland, and unsettled showery weather is likely to set in over the northern parts of the Kingdom generally. In the southern districts the weather will probably remain fair for the present.

FORECASTS

For the 24 hours ending at NOON on 18th July, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. and W. winds, moderate; dull, some rain.
1	SCOTLAND EAST	NW. to W. winds, light; fair at first, showery later.
2	ENGLAND N.E.	
3	ENGLAND EAST	N. winds, light or moderate; fair generally, warmer.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	W. winds, moderate or fresh; cloudy, showery.
7	ENGLAND N.W.	NW. to W. winds, light; fair generally, warmer.
8	ENGLAND S.W.	N. and NE. winds, moderate; fine warmer.
9	IRELAND NORTH	Same as No 0
10	IRELAND SOUTH	Same as No 7.
	WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·16	63	59	nnw	6	c	2
Sumburgh Head	30·25	56	53	nnw	1	c	2
Stornoway	30·30	60	55	nnw	3	o	3
Aberdeen	30·31	58	51	nw	2	c	1
Shields	30·28	57	52	ne	4	c	4
Ardrossan	30·28	65	59	w	4	b	3
Malin Head ...	30·33	59	55	nnw	3	c	2
Belmullet ...	30·40	59	53	nnw	1	c	*
Holyhead ...	30·30	60	58	n	3	b	2
Valencia	30·39	62	54	n	2	c	3
Scilly	30·26	62	59	n	5	bc	2
Jersey	30·18	62	57	n	4	c	3
Hurst Castle ...	30·17	62	57	nne	4	og	3
Dungeness ...	30·03	56	56	nnw	5	r	4
North Foreland	30·01	60	60	n	4	r	4
London (Westminster)	30·12	55	53	n	6	agr	*
Yarmouth ...	30·04	60	59	nne	6	cq	5
Rochefort ...	30·13	73	68	nw	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and unsettled over the eastern and central parts of England and also over the Netherlands, Central France, and the western and southern parts of Germany, with rain in many places. Fair or fine in most other parts of Europe, but dull in the north of Scotland and the west of Norway, with rain at Bodo. Considerable quantities of rain falling later in some parts of Germany and the northeast of France; lightning seen at Lyons in evening.

Temperature fallen over England, France, Spain and the Netherlands and also in Scandinavia, changed irregularly elsewhere. Morning readings highest (1) 95° at Algiers, 85° at La Calle, 82° at Sfax, and Trieste; (2) 73° at Ulleaborg, and 72° at Haapio and Stockholm. Lowest, 53° at Lerwick Hd. and Nairn, and 54° at Aberdeen. Loughborough, Oxford, and Cambridge; below 60° over the greater part of our Islands, Remaining below 60° all day at several of our northern, Eastern, and southeastern stations; reaching 75° or more in Sweden, and 85° or more in Denmark and the extreme south of France.

Wind NW. in Scotland, but N. over England, Ireland, France and Spain, and fresh to strong in force on our east and southeast coasts. Light from the SE. over Denmark, North Germany and the south of Sweden. Variable over the northern parts of Scandinavia. Light from the N. (NW. to NE.) in Russia, calm or variable over Austria and South Germany, S. over Northern Italy, NW. in the south of Italy. No important change occurring over Western Europe during day.

Barometer highest 30·3 ins. and upwards, in an anticyclone extending over Ireland from the Atlantic. Lowest 29·8 ins. and less, in a large shallow area over the central and southern parts of Russia; 29·9 ins. and less, in a small depression over Holland and the neighbouring part of Germany. Anticyclone subsequently spreading very slowly northwards and eastwards, and barometer rising over our Islands generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 18th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.96	68	S	0	0	29.81	-.20	70	66	+ 2	S	2	c	#	b	#	79	59	-
	Hernösand ...	29.98	69	S	0	b	29.90	-.18	69	62	0	N	4	b	#	b	#	81	57	-
	Stockholm ...	30.06	72	S	0	b	29.98	-.14	74	65	- 1	W	2	b	#	b	#	84	59	0.16
	Wisby	30.12	67	SSW	4	b	30.04	-.10	70	64	+ 2	WSW	4	b	#	b	#	72	59	-
	Karlstad ...	30.05	74	SW	2	b	30.00	-.13	69	62	+ 1	SSW	2	b	#	b	#	#	#	-
	Bodö	30.00	54	SW	6	0	29.93	-.24	53	53	- 3	SSE	4	r	2	0	#	56	52	0.20
	Christiansund ...	30.14	55	WSW	4	f	30.08	-.13	55	54	- 1	WSW	7	f	4	f	#	57	54	0.32
	Skudesnaes ...	30.19	55	NNW	4	c	30.17	-.03	57	55	0	NNW	4	o	2	c	#	61	52	#
	Færder (Christiania Fjord)	30.08	72	WSW	2	b	30.01	-.14	67	63	- 1	W	2	b	0	b	#	75	66	-
	Skagen (The Scaw)	30.12	71	N	1	bc	30.07	-.07	70	62	0	NNW	1	bc	0	bc	#	81	63	-
	Fanö	30.07	71	E	2	b	30.05	-.01	65	61	- 2	E	3	b	#	b	#	88	59	-
British Islands.	Sumburgh Head	30.14	54	WSW	2	r	30.15	-.04	51	50	- 4	N	1	o	3	o,r	#	58	50	0.14
	Stornoway ...	30.15	57	SW	4	r	30.19	-.03	55	55	- 2	E	2	om	2	o,r	0.1	59	53	0.15
	Wick	30.22	59	S	0	r	30.21	-.06	55	54	- 3	E	1	o	0	r	#	68	53	0.19
	Nairn	30.18	63	W	2	bc	30.17	-.09	59	59	0	S	0	d	1	bc	#	71	56	0.14
	Aberdeen ...	30.23	58	S	2	bc	30.19	-.11	60	58	+ 4	S	1	o	1	c,bc	6.5	63	55	0.01
	Leith	30.21	68	W	3	b	30.19	-.10	62	60	+ 4	WSW	3	o	#	b	#	70	56	0.03
	Shields	30.25	57	E	2	b	30.22	-.07	61	60	+ 3	WSW	3	op	2	bc,b	#	61	50	-
	Spurn Head ...	30.26	58	N	3	bv	30.24	-.00	59	56	+ 2	W	1	c	3	bv	#	59	53	-
	York	30.25	64	ENE	1	b	30.25	-.05	55	53	+ 1	NNW	1	o	#	c,b	4.4	67	46	-
	Loughborough ...	30.25	65	SE	2	bc	30.28	-.02	60	56	+ 5	N	2	cmw	#	bc,bf	#	66	45	-
	Ardrossan ...	30.27	60	WSW	2	o	30.21	-.11	61	60	+ 3	WSW	2	op	3	c,o	#	66	57	0.01
	Malin Head ...	30.27	59	W	5	om	30.22	-.10	59	59	+ 1	W	4	of	3	o,m	#	60	57	0.04
	Belmullet ...	30.35	61	WSW	4	o	30.30	-.08	61	60	+ 2	WSW	2	o	#	o	#	64	55	0.01
	Donaghadee ...	30.32	60	W	3	ov	30.27	-.09	62	61	+ 5	WSW	3	om	1	ov	#	62	55	0.01
	Liverpool (Bidston)	30.29	61	WNW	3	b	30.29	-.02	60	58	+ 2	W	2	o	1	b	#	64	55	-
	Holyhead ...	30.32	57	NW	2	b	30.30	-.03	60	59	+ 2	WSW	3	o	2	b	#	60	54	-
	Parsonstown ...	30.37	63	W	1	o	30.33	-.07	61	59	+ 5	S	0	o	#	c,o	3.4	62	56	-
	Valencia ...	30.40	63	NW	2	bc	30.37	-.05	62	59	+ 3	S	0	o	1	bc	8.1	63	56	-
	Roche's Point ...	30.36	69	N	1	b	30.37	-.02	62	58	+ 2	N	3	c	3	b	#	70	58	-
	Pembroke (St. Ann's Hd.)	30.33	59	NE	4	b	30.33	.00	60	57	0	S	0	og	2	b	12.8	63	53	-
	Scilly	30.34	61	N	5	b	30.30	.00	63	60	+ 2	N	3	b	1	b	14.2	63	57	-
	Prawle Point ...	30.31	62	SW	2	b	30.28	-.01	66	65	+ 3	NE	2	m	1	b	#	67	57	-
	Jersey (St. Aubin's)	30.27	64	NNW	4	c	30.29	+.04	64	59	+ 4	ESE	2	c	2	c	#	65	52	-
	Hurst Castle ...	30.23	?69	NNE	1	bm	?30.28	+.04	62	57	+ 3	NNE	1	bm	1	b,bm	#	?75	52	-
	Dungeness ...	30.18	63	NNE	4	c	30.23	+.09	56	54	- 2	N	3	c	2	c	#	65	45	0.04
	North Foreland	30.22	60	N	4	o	30.24	+.08	58	52	- 1	N	2	c	2	o	#	62	54	-
	London (Brixton) ...	30.25	62	N	4	o	30.27	+.05	59	55	+ 1	NNW	1	bm	#	c,	3.4	67	52	-
	Oxford	30.26	60	NE	1	bc	30.28	.00	58	55	+ 3	NW	1	bm	#	bcm	#	68	49	-
	Cambridge ...	30.26	60	N	2	o	30.26	+.02	57	53	- 1	NNW	1	b	#	c,o	1.1	63	47	-
	Yarmouth ...	30.19	59	NNW	4	c	30.20	+.03	59	54	0	NNW	4	bc	3	c	#	62	55	-
Germany & Holland.	Cuxhaven ...	29.98	74	N	3	bc	30.01	.00	66	66	+ 2	N	1	o	#	bc	#	73	63	0.04
	Berlin	29.98	66	N	1	c	30.02	+.01	64	63	- 1	W	0	o	#	c	#	84	64	1.14
	Wiesbaden ...	#	#	#	#	#	30.08	.00	61	59	0	W	0	r	#	#	#	70	59	0.24
	Munich	30.14	60	W	5	o	30.15	+.03	61	58	+ 2	W	4	b	#	o	#	70	55	0.47
	The Helder ...	30.08	59	N	4	o	30.10	+.03	59	58	- 2	N	4	o	4	o	#	63	61	-
Belgium. France &	Brussels ...	#	#	#	#	#	30.15	+.07	57	57	- 6	NW	4	r	#	r	#	73	55	0.04
	Cape Gris Nez ...	30.19	59	NE	5	o	30.19	+.09	57	53	- 2	NNE	3	o	3	c	#	61	55	-
	Paris	30.17	62	NNW	4	o	30.23	+.15	57	55	- 3	N	2	c	#	o	#	73	55	-
	Brest	30.26	68	NNE	2	b	30.28	+.03	57	57	- 3	WSW	1	b	1	b	#	77	52	-
	Lorient	30.26	66	N	4	b	30.28	+.09	56	55	- 1	NE	2	b	2	b	#	72	48	-
	Rochefort ...	30.20	69	NW	4	bc	30.26	+.08	68	61	+ 2	E	4	bc	#	bc	#	75	59	-
	Belfort	?30.06	65	SSW	1	m	?30.08	+.02	57	56	- 2	SSE	1	f	#	m	#	73	54	-
	Lyons	30.11	68	NW	2	o	30.15	+.05	66	60	+ 2	N	?	o	#	o	#	79	59	-
	Nice	29.93	75	ESE	4	b	29.93	-.08	71	66	+ 4	W	0	b	1	b,l	#	81	64	-
	Perpignan ...	30.07	77	NNW	3	o	30.12	+.06	73	64	+ 2	NNW	2	b	#	o	#	86	65	-
	Biarritz ...	30.15	69	N	4	bc	30.17	+.07	67	63	- 1	SSW	3	bc	2	bc	#	73	63	-
Penin-sula.	Corunna ...																#			
	Lisbon	30.00	65	WNW	3	b	30.04	+.02	66	62	+ 2	SSE	3	c	#	b	#	72	63	-
	Azores (P. Delgada)	30.44	71	NNE	3	bc	30.41	-.01	72	68	+ 1	NE	3	bc	3	bc	#	77	66	0.04

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 7.8 *hrs; Eastbourne* 3.1 *hrs.*

WEATHER CHARTS

FOR ..... Saturday, 18th July, ... 1896.

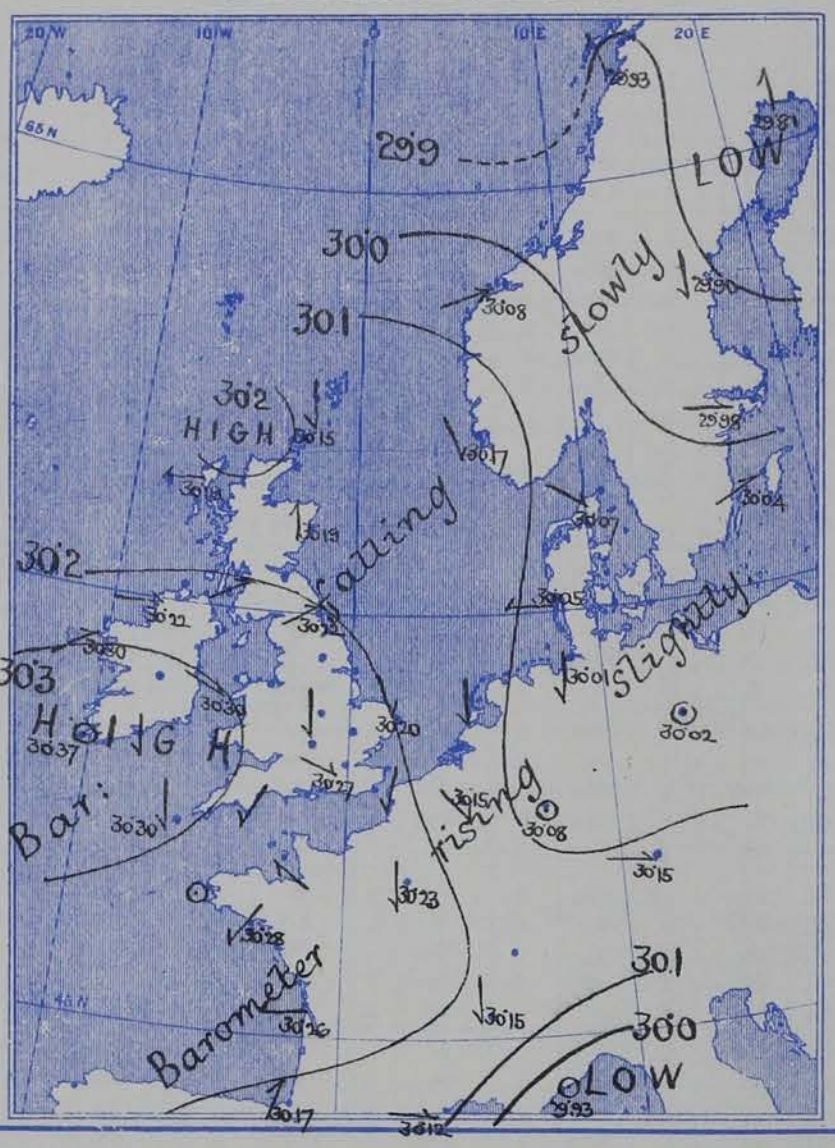
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟩⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙

SEA—Rough ▬ ; *High* ▬



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—{A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and upwards, in an anticyclone lying over the southwestern part of our Islands.

Lowest, 29·9 ins: and less, in two depressions lying respectively off the northwest of Norway and the Gulf of Bothnia; 30·0 ins: and less, in another system over the Gulf of Genoa.

Gradients slight. Barometer rising in the southeast of England and also over France, Germany, and the Netherlands, but falling elsewhere.

TEMPERATURE

Highest (1) 74° at Stockholm and 70° at Haparanda, Wisby and Skagen; (2) 73° at Perpignan, 71° at Nice and 67° at Biarritz.

Lowest, 51° at Sumburgh Hd, 53° at Bodö, 55° at Christiansund, Stornoway, Wick, and York, and 56° at Nairn and Dungeness.

The maxima registered yesterday were below 70° at the English stations generally, and below 65° at most of the coast stations; at Leith and Rocks Point the thermometer touched 70°, and at Nairn it rose to 71°.

WIND

Light from the W.N.W. over the northern parts of Ireland and England, and also in the south of Scotland, but E. or N.E. in the north of Scotland.

Light from the N. over all the more southern parts of our Islands, as well as over the Netherlands and Central France; N.E. in the west of France.

Calm or variable over Denmark and North Germany; W. in the south of Scandinavia, but S. in the north of that Peninsula.

WEATHER

Fine over the southern parts of the United Kingdom; as well as in France, Denmark, and the south of Scandinavia.

Dull elsewhere, with showers at several of our more northern stations, and with rain at Bodö, Brussels, and Kirkwall.

Since yesterday morning a little rain has fallen in the north of our Islands generally, and larger amounts in the west of Norway and also in Germany. Lightning was seen at Nice last evening.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The low pressures in the north are inclined to spread southwards, and cloudy showery weather seems likely to set in shortly over all but the southwestern parts of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 19th JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Variable or N.E. airs; dull, some rain
1	SCOTLAND EAST	
2	ENGLAND N.E.	W. winds, light; dull, some fair.
3	ENGLAND EAST	N.W. to W. winds, light; fair at first, dull later, probably some rain.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	W. to N.W. or N. winds, light; cloudy, showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N. and N.W. winds, light; fair generally
9	IRELAND NORTH	Same as Nos. 6 and 7.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·20	61	58	NNW	6	c	2
Sumburgh Head	30·17	54	53	NNW	2	o	3
Stornoway	30·20	58	55	SW	4	o	4
Aberdeen	30·24	62	54	S	2	c	1
Shields	30·28	59	54	NNE	2	bc	3
Ardrossan	30·29	66	59	NNW	3	c	1
Malin Head ...	30·30	59	58	W	5	o	2
Belmullet	30·37	63	59	SW	4	c	*
Holyhead	30·34	60	57	N	3	b	2
Valencia	30·42	62	55	NNW	2	bc	3
Scilly	30·32	61	58	NNE	5	b	2
Jersey	30·28	63	57	NW	4	c	3
Hurst Castle ...	30·24	73	61	NNE	1	b	1
Dungeness ...	30·14	62	58	N	4	c	3
North Foreland	30·21	62	57	N	4	o	3
London (Westminster)	30·24	62	55	NE	3	c	*
Yarmouth ...	30·19	61	56	N	5	c	4
Rochefort ...	30·21	73	66	NNE	2	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather fair or fine over the greater part of our Islands and the Continent, but dull in the north of Scotland and also over the eastern and central parts of England. Dull also over Austria, South Germany, and the northern parts of France, with rain at Munich, Paris and Havre. Sky clearing later over England, but rain setting in over Scotland and the north of Ireland, as well as in the west of Norway. Heavy rain falling at some of the German stations; lightning seen at Nice in evening.

Temperature changed very irregularly. Morning readings highest 87° at La Calle, 84° at Sfax and Aumale, 83° at Algiers, and 82° at Barcelona and Athens; above 75° at the Mediterranean and Adriatic stations generally, and above 70° at several stations over Finland and the Baltic. Lowest 54° at York, 55° at Sumburgh Head, Loughborough, and Oxford, and 56° at Bodö, Christiansund, Aberdeen, and Parsonstown. Daily maxima below 65° at most of our own coast stations, and below 70° over Central England, but thermometer touching or exceeding the latter point in some parts of Ireland and Scotland. Exceeding 80° in the south of France and also in Denmark and Sweden, and reaching 58° at Faro.

Wind N' or NE. over the greater part of our Islands, France, and Spain, and fresh in force on our east and southeast coasts; light from the E. or SE. over Denmark and North Germany. W' or SW' on our extreme north and northwest coasts. Variable over the northern parts of Scandinavia, but W' or NW' in the south. Light from the N. or NW. in Russia; calm or variable over Italy, Austria and South Germany. No important change occurring during day.

Barometer highest 30·4 ins. and upwards in the southwest of Ireland; 30·3 ins. and upwards, in an anticyclone covering the whole of Ireland, Wales, and the north of England. Lowest 29·3 ins. and less, in a large shallow depression over Central Russia; 30·0 ins. and less, in three other shallow systems lying respectively over Morocco, over Sardinia, and over Oldenburg. Barometer falling later in the west and north of our Islands, but rising in other parts of Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday, 19th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins	°				Ins.	Ins	°	°	°							°	°	Ins
Scandinavia	Haparanda ...	29.78	59	W	2	0	29.81	.00	59	52	- 11	S	6	6	4	0	*	75	54	-
	Hernösand ...	29.92	62	N	2	6	29.92	+.02	58	51	- 11	NW	2	6	*	6	*	73	59	-
	Stockholm ...	29.90	72	NNE	4	c	29.94	-.04	66	60	- 8	N	2	c	*	c	*	84	63	-
	Wisby	29.95	68	SW	4	6c	29.91	-.13	69	66	- 1	N	4	c	*	6c	*	77	61	-
	Karlstad ...	29.91	71	NW	2	6c	29.95	-.05	64	59	- 5	NE	4	6c	*	6c	*	*	*	-
	Bodö	30.02	52	WSW	6	0	29.91	-.02	51	49	- 2	ESE	2	0	1	0	*	54	?	-
	Christiansund ...	30.09	53	WNW	4	0	29.86	-.22	53	52	- 2	L	0	f	2	0	*	55	?	-
	Skudesnaes ...	30.10	57	NNW	4	c	30.10	-.07	55	53	- 2	L	0	m	1	fc	*	60	52	*
	Færder (Christiania Fjord)	29.93	60	WSW	2	0	29.90	-.11	67	64	0	E	2	6c	2	0	*	72	66	-
	Skagen (The Scaw)	29.97	66	W	4	6c	29.96	-.11	62	58	- 8	W	5	c	1	6c	*	75	59	-
	Fanö	30.07	60	NW	6	c	30.10	+.05	61	58	- 4	NW	4	c	*	c	*	77	59	-
British Islands.	Sumburgh Head	30.01	54	S	1	0	29.79	-.36	57	57	+ 6	WSW	4	7	4	0	*	59	51	0.29
	Stornoway ...	30.04	60	S	4	0	29.87	-.32	57	56	+ 2	W	3	0	3	c,0	1.5	62	54	0.08
	Wick	30.07	58	SE	3	0	29.90	-.31	62	61	+ 7	W	4	0	2	0,1	*	62	55	0.10
	Nairn	30.05	65	WSW	2	c	29.89	-.28	63	60	+ 4	WSW	4	0	3	c	*	66	56	-
	Aberdeen ...	30.12	59	SE	2	0	29.94	-.25	67	62	+ 7	S	1	6c	1	c,0,f	0.2	69	53	0.01
	Leith	30.13	69	W	3	6c	30.05	-.14	65	61	+ 3	SW	3	0	*	6c	*	71	60	-
	Shields	30.16	68	SW	3	c	30.11	-.11	64	61	+ 3	SW	2	0	2	0cl, c	*	70	60	-
	Spurn Head ...	30.20	62	SSE	2	c	30.17	-.07	66	63	+ 7	W	3	6c	3	c	*	66	58	-
	York	30.20	69	WNW	1	c	30.16	-.09	64	59	+ 9	W	3	6	*	c	1.3	75	54	-
	Loughborough ...	30.23	68	W	3	c	30.23	-.05	64	61	+ 4	W	1	0m	*	c,0m	*	74	59	-
	Ardrossan ...	30.18	61	L	0	0m	30.07	-.14	60	59	- 1	SW	4	0	3	0	*	64	58	-
	Malin Head ...	30.18	61	WSW	3	0m	30.03	-.19	62	61	+ 3	WSW	5	0m	3	0.0m	*	62	59	-
	Belmullet ...	30.23	62	WSW	4	0	30.11	-.19	61	60	0	WSW	4	0m	*	0	*	64	60	0.04
	Donaghadee ...	30.24	67	WSW	2	0	30.14	-.13	63	60	+ 1	WSW	3	0	1	0	*	68	58	0.01
	Liverpool (Bidston)	30.25	68	NNW	3	0	30.21	-.08	66	59	+ 6	W	3	6	2	6	*	67	60	-
	Holyhead ...	30.26	61	SW	3	0gm	30.21	-.09	65	62	+ 5	SW	3	c	2	0	*	67	57	-
	Parsonstown ...	30.29	65	SW	1	0	30.22	-.11	64	59	+ 3	S	1	6	*	0	3.0	66	52	-
	Valencia ...	30.33	64	W	3	6	30.23	-.14	63	61	+ 1	S	3	0	3	6	7.9	65	59	-
	Roche's Point ...	30.32	63	SSW	2	0	30.24	-.13	61	58	- 1	W	3	6	3	0	*	68	55	-
	Pembroke (St. Ann's Hd.)	30.30	65	W	2	0	30.25	-.08	62	61	+ 2	L	0	0	1	c,0	4.4	65	58	-
	Scilly	30.31	65	N	3	6	30.26	-.04	64	61	+ 1	N	1	6	0	6	14.0	66	59	-
	Prawle Point ...	30.26	65	NNW	2	m	30.25	-.03	70	63	+ 4	SE	3	m	1	m	*	70	58	-
	Jersey (St. Aubin's)	30.24	69	NNW	3	cm	30.26	-.03	69	63	+ 5	SE	1	6	1	c	*	72	53	-
	Hurst Castle ...	30.22	71	NW	1	6c	30.24	-.04	68	63	+ 6	L	0	6m	0	6cm	*	73	58	-
	Dungeness ...	30.20	62	SW	3	6c	30.21	-.02	65	62	+ 9	NNW	1	m	0	6c,f	*	66	51	-
	North Foreland	30.23	61	E	1	6c	30.23	-.01	64	62	+ 6	NW	2	0w	2	6c	*	64	56	-
	London (Brixton) ...	30.21	71	N	1	6c	30.24	-.03	66	62	+ 7	NNW	1	0	*	6c	5.5	77	59	-
	Oxford	30.23	67	NNW	2	6	30.24	-.04	62	60	+ 4	NW	1	0g	*	6m	*	75	57	-
	Cambridge ...	30.21	74	N	1	6	30.23	-.03	66	62	+ 9	NNW	1	0	*	6	9.4	74	55	-
	Yarmouth ...	30.20	64	NE	2	6	30.18	-.02	66	63	+ 7	NW	2	c	2	6	*	64	57	-
Germany & Holland.	Cuxhaven ...	30.01	72	N	3	6c	30.10	+.09	62	61	- 4	N	3	0	*	6c	*	72	61	-
	Berlin	29.98	68	L	0	c	30.02	.00	69	63	+ 5	NNW	1	6	*	c	*	72	64	0.08
	Wiesbaden ...	*	*	*	*	*	30.15	+.07	62	59	+ 1	NW	2	0	*	*	*	70	52	0.32
	Munich														*		*			
	The Helder ...	30.16	59	N	3	0	30.19	+.09	60	57	+ 1	NW	1	c	1	0	*	61	57	-
Belgium.	Brussels ...	*	*	*	*	*	30.24	+.09	58	55	+ 1	L	0	0	*	.0	*	60	54	-
	Cape Gris Nez ...	?	63	W	2	6c	30.20	+.01	61	60	+ 4	SW	1	m	0	6c	*	64	57	-
	Paris	30.22	64	NNE	2	6	30.26	+.03	?	?	?	NNE	1	m	*	6	*	70	60	-
	Brest	30.26	65	N	2	6	30.22	-.06	59	58	+ 2	E	1	6	1	6	*	68	52	-
	Lorient	30.23	66	W	4	6	30.27	-.01	54	54	- 2	E	3	6c	2	6	*	70	50	-
France &	Rochefort ...	30.21	70	NW	4	6	30.24	-.02	62	59	- 1	ENE	3	6	*	6	*	79	57	-
	Belfort	30.14	55	WSW	2	7	30.17	+.09	59	58	+ 2	WSW	2	m	*	7	*	64	54	0.08
	Lyons	30.17	65	NNW	2	0	30.19	+.04	66	62	0	N	2	c	*	0	*	72	57	-
	Nice	29.89	74	ESE	4	6	29.94	+.01	72	61	+ 1	E	3	6	1	6	*	81	63	-
	Perpignan ...	30.08	81	N	3	6	30.12	.00	73	64	0	W	2	6	*	6	*	87	61	-
	Biarritz ...	30.11	71	N	5	6	30.12	-.05	64	60	- 3	ENE	2	6	2	6	*	75	61	-
Peninsula.	Corunna ...	30.04	75	NE	4	6	30.05	-.03	69	61	- 4	NE	1	6	3	6	*	79	61	-
	Lisbon	30.04	66	SW	3	6	30.06	+.02	68	64	+ 2	SSE	3	6c	*	6	*	73	64	-
	Azores (P. Delgada)	30.38	71	NNE	3	c	30.31	-.10	70	68	- 2	SSW	1	c	1	c	*	77	66	0.12

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.6 *hrs; Eastbourne* ? *hrs.*

WEATHER CHARTS

FOR Sunday, 19th July, 1896.

BAROMETER, WIND AND SEA.

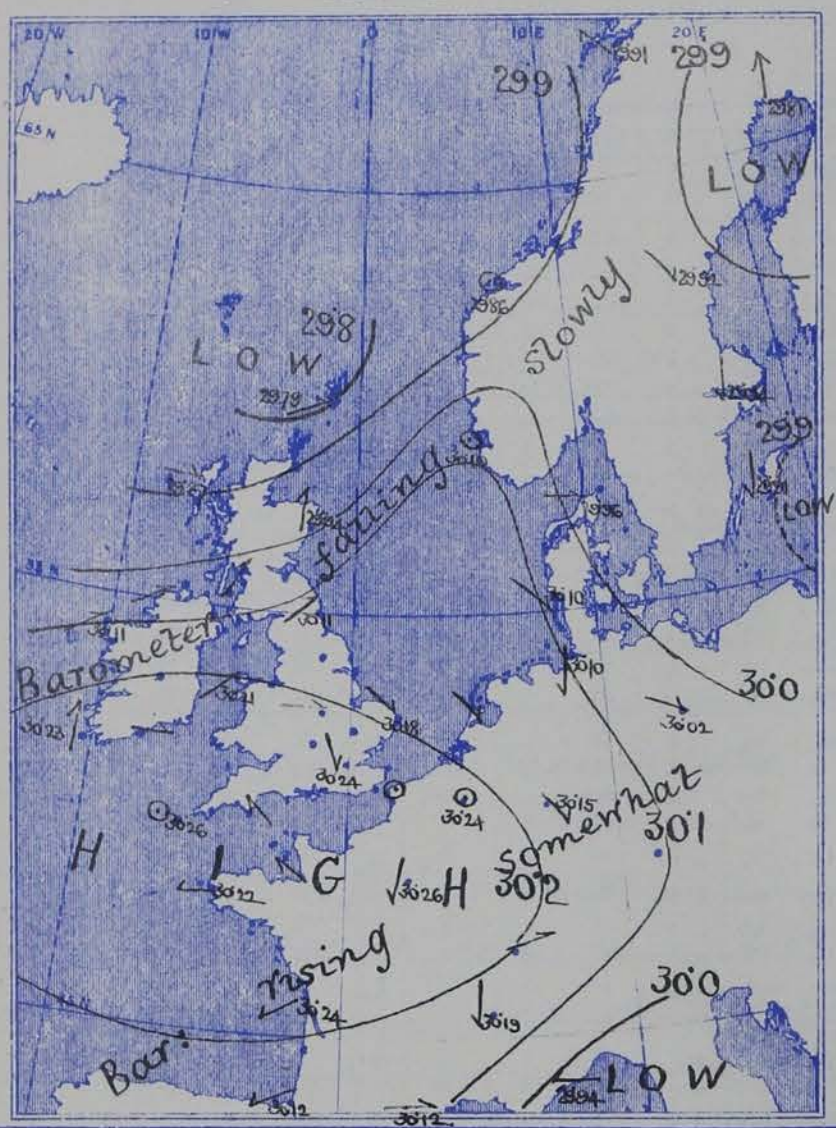
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ : High ▤



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95.

† Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards, in an anticyclone lying over the extreme southern half of the United Kingdom and the northern and central parts of France.
Lowest, 29·8 ins: and less, in a depression lying to the northward of the Shetlands; 29·9 ins: and less, in shallow systems lying respectively over the north of Sweden and the Baltic Provinces.
Gradients slight generally, but moderate to rather steep over the northern part of the North Sea
Barometer falling over the greater part of the United Kingdom and also in Norway, but falling elsewhere.

TEMPERATURE

Highest, 73° at Perpignan, 72° at Nice, 70° at Trevose Point, and 69° at Jersey, Wexby, and Berlin.
Lowest, 51° at Bodö, 53° at Christiansund, 55° at Skudenaas, 57° at Sumburgh Hd., and 58° at Hernösand.
During yesterday the thermometer rose to 75° at York and Oxford, and to 77° in London. Over the south of France and in Central Sweden the thermometer exceeded 80°, and at Perpignan it rose to 87°.

WIND

Light to moderate from the W. or S.W. over the northern part of our Islands, but calm or variable in the south of England.
Calm in the west of Norway, NW. or N. over the greater part of Sweden, Denmark, and Germany; E. or N.E. in France.

WEATHER

Fair or fine over Western Europe generally, but dull in the north and extreme west of our Islands, as well as over Central England, with rain at Sumburgh Hd. Foggy or misty in the west of Norway.
A little rain fell yesterday in the northern parts of Ireland and Scotland, as well as at some of the German and Central French stations.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 20th JULY, 1896.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NONE ISSUED	6	SCOTLAND WEST	NONE ISSUED
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.		8	ENGLAND S.W.	
3	ENGLAND EAST		9	IRELAND NORTH	
4	MIDLAND COUNTIES		10	IRELAND SOUTH	
5	ENGLAND SOUTH			WARNINGS	NONE ISSUED

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·14	60	58	NNW	4	f	2
Sumburgh Head	30·14	54	52	L	0	o	2
Stornoway	30·12	58	56	S	3	e	3
Aberdeen	30·17	61	59	SE	1	c	1
Shields	30·19	67	63	SW	3	o	2
Ardrossan	30·21	64	61	NW	2	o	1
Malin Head ...	30·20	60	60	WSW	5	o	3
Belmullet	30·28	64	61	SW	4	o	*
Holyhead	30·29	67	65	WNW	3	o dm	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·26	65	62	W	2	b	3
Scilly	30·21	64	64	N	3	b	1
Jersey	30·27	70	61	NW	2	bc	2
Hurst Castle ...	30·25	69	63	SW	3	cm	2
Dungeness ...	30·22	65	64	SW	3	bc	2
North Foreland	30·23	63	57	NE	1	bc	1
London (Westminster)	30·23	71	62	NW	2	c	*
Yarmouth ...	30·21	63	57	NNE	2	b	3
Rochefort ...	30·25	76	68	NW	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull and showery over the northern parts of our Islands; dull also over Norway, the Netherlands, Germany and Austria, with rain at Bodö, Brussels, Wiesbaden, and Vienna. Fine in nearly all other parts of Europe. No important change occurring during day.

Temperature risen in our Islands, as well as in many parts of southeastern Europe, but changed irregularly elsewhere. Morning readings highest 87° at Palermo and Tunis, 86° at Sfax, 83° at Algiers, and 82° at Barcelona, Athens, and Patras; above 70° over Southern Europe generally, as well as over the Baltic and some parts of Finland and Sweden. Lowest 51° at Sumburgh Hd., 53° at Bodö, and 55° at Christiansund, Stornoway, Wick, and York. Rising during day to between 70° and 75° in many parts of Great Britain, and reaching 77° in London. Exceeding 80° in Central Sweden and also in the south of France, and reaching 87° at Perpignan

Wind light from the W.ly or SW.ly over the northern parts of our Islands generally, but E.ly in the extreme north of Scotland. N.ly in the south of our Islands and also over the Netherlands and Central France; E.ly or NE.ly in the west of France. W.ly over Finland and the southern parts of Scandinavia; variable in Germany and also in Italy; W.ly in Austria; N.ly in the central and southern parts of Russia. Variable over the Spanish Peninsula. Shifting later to the S.ly in the north of Scotland; no important change occurring elsewhere.

Barometer highest 303 ins: and upwards in an anticyclone lying over the southwestern parts of our Islands; 301 ins: and upwards in another system over the Black Sea and the central and southern parts of Russia. Lowest 299 ins: and less, in two shallow depressions, one lying off the northwest of Norway, and the other over the Gulf of Bothnia; 300 ins: and less, in other shallow systems lying respectively over Poland and over the Gulf of Genoa and the northern parts of Italy and the Adriatic. Low pressure systems subsequently spreading southwards; shallow depression appearing off northwest of Scotland in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 20th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.69	59	Z	0	c	29.62	-.19	61	56	+ 2	Z	0	c	*	c	*	75	52	0.04
	Hernösand ...	29.71	62	S	4	c	29.84	-.08	62	55	+ 4	N	6	c	*	c	*	70	52	-
	Stockholm ...	29.84	73	W	2	c	29.80	-.14	67	62	+ 1	W	4	b	*	c	*	77	57	-
	Wisby	29.90	66	SE	4	b	29.90	-.01	65	61	- 4	NNW	6	b	*	b	*	73	61	-
	Karlstad ...	29.83	67	SSW	6	c	29.85	-.10	68	58	+ 4	NNW	4	b	*	c	*	*	*	-
	Bodö	29.59	55	SW	2	c	29.73	-.18	50	49	- 1	WSW	6	r	3	c	*	59	48	0.24
	Christiansund ...	29.80	55	W	7	f	29.92	+.06	56	53	+ 3	WSW	8	c	4	f	*	59	53	0.08
	Skudesnaes ...	29.96	59	SSW	4	c	30.02	-.08	60	58	+ 5	W	0	c	1	c,f	*	60	54	*
	Færder (Christiania Fjord)	29.81	69	SSW	1	bc	29.91	+.01	68	59	+ 1	W	1	b	4	bc	*	72	66	-
	Skagen (The Scaw)	29.92	62	W	6	m	29.97	+.01	65	61	+ 3	W	5	bc	2	m	*	68	59	-
	Fanö	30.07	61	W	4	b	30.08	-.02	64	61	+ 3	W	4	b	*	b	*	68	61	-
British Islands.	Sumburgh Head	29.81	55	WSW	3	c	29.88	+.09	54	53	- 3	SW	1	0	3	c	*	59	50	0.01
	Stornoway ...	29.91	60	W	3	c	29.84	-.03	53	53	- 4	SW	3	r	3	c	1.4	61	52	0.12
	Wick	?	60	Z	0	bc	†29.85	-.05	59	58	- 3	Z	0	0	0	bc	*	72	56	0.03
	Nairn	29.90	64	WSW	1	c	29.85	-.04	61	60	- 2	Z	0	d	1	c	*	67	56	0.01
	Aberdeen ...	29.94	65	W	1	or	29.89	-.05	61	59	- 6	SE	2	c	1	c,r	3.0	78	61	0.16
	Leith	29.99	66	W	3	o	29.92	-.13	68	64	+ 3	SW	2	c	*	o	*	70	63	-
	Shields	30.05	73	W	4	b	29.98	-.13	71	65	+ 7	ESE	3	b	2	b	*	77	57	-
	Spurn Head ...	30.10	70	W	3	b	30.06	-.11	69	65	+ 3	ESE	2	b	2	b,bw	*	73	60	-
	York	30.11	72	WSW	3	b	30.05	-.11	66	61	+ 2	S	1	b	*	b	10.8	78	56	-
	Loughborough ...	30.14	74	W	2	bc	30.08	-.15	64	60	0	Z	0	bmw	*	c,bcm	*	75	50	-
	Ardrossan ..	30.01	60	SSW	3	am	29.93	-.14	62	61	+ 2	S	2	om	3	am	*	62	59	0.08
	Malin Head ...	29.99	61	W	5	orm	29.85	-.18	62	61	0	SSW	4	c	3	o,rm	*	62	59	0.13
	Belmullet ...	30.03	62	SW	4	om	29.88	-.23	61	60	0	SW	3	om	*	o,om	*	63	60	0.25
	Donaghadee ...	30.06	70	SW	4	c	29.96	-.18	63	61	0	WSW	4	c	2	c	*	72	58	-
	Liverpool (Bidston)	30.14	68	W	1	c	30.03	-.18	67	61	+ 1	SE	1	b	1	c	*	72	54	-
	Holyhead ...	30.14	63	SW	4	b	30.03	-.18	61	60	- 4	S	3	ogm	2	b	*	68	57	-
	Parsonstown ...	30.11	70	Z	0	c	29.99	-.23	64	59	0	W	1	0	*	c	6.4	72	61	-
	Valencia ...	30.14	64	SSW	2	og	29.99	-.24	63	58	0	SSW	3	oq	4	oq	0.1	66	58	-
	Roche's Point ..	30.16	67	SW	3	b	30.04	-.20	61	59	0	SE	1	0	2	b	*	68	56	-
	Pembroke (St. Ann's Hd.)	30.18	64	SW	2	b	30.07	-.18	62	61	0	S	3	b	2	c,b	7.0	65	57	-
	Scilly	30.19	68	NNW	1	b	30.06	-.20	67	64	+ 3	ENE	1	b	0	b	14.2	69	59	-
	Prawle Point	30.18	68	NSW	1	m	30.06	-.19	68	63	- 2	ENE	4	bc	3	m	*	71	58	-
	Jersey (St. Aubin's)	30.18	72	NNW	3	b	30.06	-.20	72	64	+ 3	E	2	bm	2	b	*	75	62	-
	Hurst Castle ...	30.17	72	NSW	2	bc	30.08	-.16	71	66	+ 3	NE	1	bcm	0	bc	*	75	58	-
	Dungeness ...	30.13	67	SW	2	b	30.09	-.12	67	63	+ 2	Z	0	m	0	b	*	71	60	-
	North Foreland	30.17	67	SE	3	c	30.11	-.12	67	64	+ 3	SE	2	bc	2	c	*	72	61	-
	London (Brixton) ...	30.14	78	W	1	bc	30.10	-.14	74	64	+ 8	SW	1	b	*	o,c,b	3.2	80	59	-
	Oxford	30.13	72	NW	1	bc	30.07	-.17	67	63	+ 5	W	1	bm	*	o,bc	*	80	56	-
	Cambridge ...	30.14	69	W	1	b	30.08	-.15	66	64	0	NW	1	b	*	o,b	5.0	79	56	-
	Yarmouth ...	30.14	67	SSE	2	bc	30.08	-.10	67	64	+ 1	SSE	2	b	2	bc	*	68	60	-
Germany & Holland.	Cuxhaven ...	30.12	65	NW	3	bc	30.12	+.02	64	64	+ 2	SW	1	o	*	bc	*	66	61	-
	Berlin	29.98	66	N	1	c	30.15	+.13	65	59	- 4	WNW	2	c	*	c	*	81	61	-
	Wiesbaden ...	*	*	*	*	*	30.17	+.02	63	60	+ 1	Z	0	b	*	*	*	72	55	-
	Munich	30.22	60	W	3	c	30.23		62	61		Z	0	o	*	c	*	64	57	0.20
	The Helder ...	30.16	66	SW	1	bc	30.12	-.07	66	63	+ 6	SW	1	bc	1	bc	*	68	57	-
Belgium.	Brussels ...	*	*	*	*	*	30.13	-.11	71	63	+13	SE	1	b	*	b	*	76	57	-
	Cape Gris Nez ..	30.17	66	SW	1	m	30.09	-.11	68	66	+ 7	Z	0	m	0	m	*	70	61	-
	Paris	30.16	75	ENE	1	b	30.13	-.13	64	60	?	ENE	1	b	*	b	*	78	54	-
	Brest ...	30.13	73	NNW	1	b	30.01	-.21	65	63	+ 6	ENE	1	b	0	b	*	72	57	-
	Lorient... ...	30.13	70	W	2	bc	30.04	-.23	63	60	+ 9	ENE	4	b	2	bc	*	75	54	-
France &	Rochefort ...	30.10	75	N	4	bc	30.01	-.23	67	63	+ 5	E	4	b	*	bc	*	88	59	-
	Belfort	30.11	68	E	1	c	30.08	-.09	60	59	+ 1	E	3	bc	*	c	*	75	54	-
	Lyons	30.11	71	NNW	2	b	30.07	-.12	63	58	- 3	E	1	b	*	b	*	74	57	-
	Nice	29.95	75	SW	1	bc	30.00	+.06	75	61	+ 3	Z	0	b	0	bc	*	84	66	-
	Perpignan ...	30.01	85	NE	2	b	30.01	-.11	73	65	0	NE	2	b	*	b	*	73	61	-
	Biarritz ...	29.98	80	NE	3	b	29.86	-.26	71	63	+ 9	E	5	b	1	b	*	82	64	-
Peninsula.	Corunna ...																*			
	Lisbon	30.01	68	SSW	4	o	30.05	-.01	66	63	- 2	SW	4	o	*	o	*	75	66	-
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 10.6 *hrs; Eastbourne more than* 9.0 *hrs*

WEATHER CHARTS

FOR Monday, 20th July, 1896.

BAROMETER, WIND AND SEA.

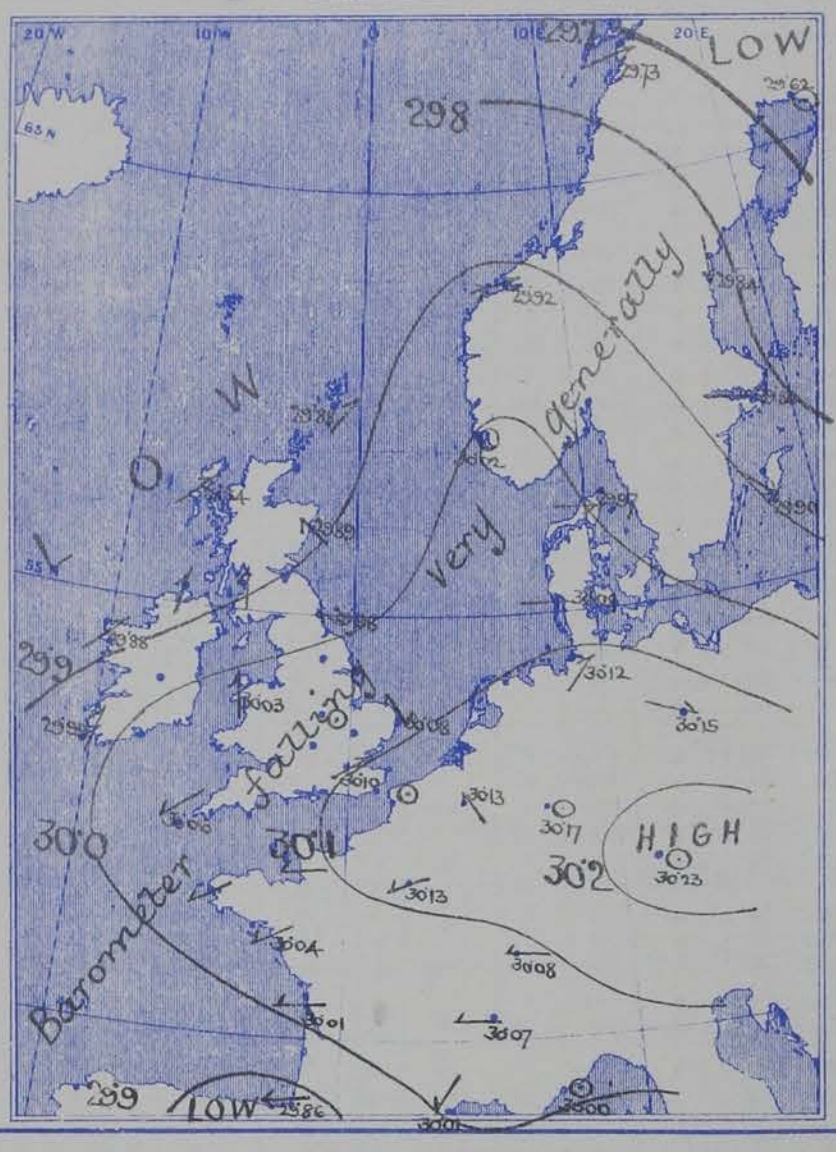
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟫⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M.	TEMPERATURE OF AIR. 1871-95.								RAINFALL.	BRIGHT SUNSHINE. Means, 1881—95.	
		Means of				Absolute Extremes.						
	Means, 1871—95.	Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.	Means, 1866—95.	Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 908	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30·2 ins. and upwards over N. Germany; 30·0 ins. and upwards in an anticyclone embracing the greater part of western and central Europe.
Lowest 29·7 ins. and less in the extreme north of Scandinavia; 29·8 ins. and less (apparently) in a depression lying off the Hebrides; 29·9 ins. and less in a shallow disturbance over the N.E. of Spain.
Gradients slight. Barometer rising in Norway, Denmark and Germany, but falling elsewhere.

TEMPERATURE — Highest (1) 75° at Nice, 73° at Perpignan, and 71° at Biarritz; (2) 74° in London, 72° at Jersey, and 71° at Shields, Hurst Castle and Brussels.
Lowest 50° at Bodö, 53° at Stornoway, 54° at Sumburgh H.R., 56° at Christiansund, and 59° at Wick.
During yesterday the thermometer rose to 75° and upwards in many parts of Gt. Britain, and to 86° in London and at Cognac.

WIND — Light to moderate from the S. and SW. on our western and extreme northern coasts, light from the SE. on our east coast.
E. by N. or NE. by N. over the Channel and France; calm in south Germany.
W. by N. or NW. by N. in Scandinavia and Denmark, and strong to a gale in force in the west of Norway.

WEATHER — Fine and bright over England, as well as at most of the Continental stations, but cloudy or dull in Germany, and rainy at Bodö.
Dull in Ireland and the west and north of Scotland, with rain at Stornoway and Nairn.
A little rain fell yesterday in the northern parts of Ireland and Scotland, and also in the W. of Norway.

SEA — Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be gradually breaking up, but there are no signs of any immediate change in the weather.

FORECASTS

For the 24 hours ending at NOON on 21ST JULY 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SW. by W. to S. by W. winds, moderate; cloudy, some rain.
1	SCOTLAND EAST	S. by W. and SE. by W. winds, light, fair; warm.
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable breezes, finally E.; fine, very warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	S. by W. winds, light or moderate; dull, rain locally.
7	ENGLAND N.W.	Same as Nos. 1 and 2.
8	ENGLAND S.W.	E. by S. and SE. by S. winds, light; fair, warm.
9	IRELAND NORTH	Same as No. 0.
10	IRELAND SOUTH	Same as No. 6.
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·01	59	58	S	4	m	2
Sumburgh Head							
Stornoway	29.90	59	55	W	4	o	4
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·01	61	61	W	5	o	3
Belmullet	30.06	62	61	SW	5	o	*
Holyhead							
Valencia							
Scilly							
Jersey	30·23	74	65	NW	2	b	1
Hurst Castle ...							
Dungeness ...	30·16	68	64	SW	2	b	1
North Foreland	30·20	70	65	SE	2	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·18	82	72	NNE	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD, FROM THE 12TH TO 18TH JULY 1896.

During the earlier portion of last week the weather over all but the extreme western and northern parts of our Islands was influenced by a large anticyclone, the central portion of which lay over England and the neighbouring parts of the Continent. The weather in those regions was therefore fair, warm and dry, the maximum temperatures being above 80° in most parts of England on the 12th and 13th, and above 85° over the inland parts of our eastern and southern counties on the 13th and 14th. In the west and extreme north of our Islands the weather was at the same time affected by depressions which moved northeastwards outside our extreme northwest coasts, and which occasioned frequent falls of rain in Ireland and the west and north of Scotland.

On the 14th one of these low pressure systems advanced northeastwards directly across Scotland, while to the south of the main depression a "V shaped" secondary disturbance was formed, the latter moving eastwards across England and occasioning thunderstorms over our eastern and southeastern counties. On reaching the Netherlands the secondary system became more fully developed, and as the barometer at the same time rose steadily in our Islands a strong current of wind from the N.W. set in over a considerable portion of the country, with rain in the E. and SE, and with a very decided fall of temperature. The maximum readings over England on the 16th were in fact in many cases below 60° or about 30° lower than those registered two days earlier.

Towards the close of the week a well marked anticyclone spread eastwards over the greater part of the Kingdom, so that the winds became light and the weather fine, with a gradual rise of temperature. On the 18th the thermometer over England again rose to 75° or a little more.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky ; c. detached clouds ; d. drizzling rain ; f. fog ; g. dark, gloomy ; h. hail ; l. lightning ; m. misty (hazy) ; o. overcast ; p. passing showers ; q. squally ; r. rain ; s. snow ; t. thunder ; u. ugly, threatening ; v. visibility, unusual transparency ; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France : at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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,, Weekly ,, ,, ,, £1 10 0 ,,

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 21st July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.75	57	2	0	b	29.89	+ .27	63	57	+ 2	NE	2	bc	*	b	*	68	48	0.04
	Hernösand ...	29.96	59	SW	2	bc	29.97	+ .13	63	55	+ 1	SE	4	c	*	bc	*	73	57	—
	Stockholm ...	29.97	68	E	2	b	30.01	+ .21	75	64	+ 8	SE	4	b	*	b	*	79	61	—
	Wisby	29.96	69	W	4	b	30.02	+ .12	73	67	+ 8	SSW	4	b	*	b	*	75	61	—
	Karlstad ...	29.90	73	SW	2	b	29.95	+ .10	65	62	— 3	S	4	o	*	b	*	*	*	—
	Bodö	29.87	54	WSW	6	o	29.87	+ .14	55	51	+ 5	E	2	o	1	o	*	55	50	0.12
	Christiansund ...	29.94	56	NW	3	o	29.76	— .16	61	57	+ 5	E	2	?	4	o	*	61	54	—
	Skudesnaes ...	29.96	61	S	6	o	29.90	— .12	62	60	+ 2	S	4	o	3	of	*	68	54	*
	Færder (Christiania Fjord)	29.89	71	SSW	2	b	29.92	+ .01	68	65	0	SW	3	b	3	b	*	72	66	—
	Skagen (The Scaw)	29.97	66	WNW	4	m	29.99	+ .02	63	61	— 2	WSW	3	m	1	m	*	70	57	—
	Fanö	30.03	62	2	0	b	29.95	— .13	65	63	+ 1	W	3	b	*	b	*	70	57	—
	Sumburgh Head	29.73	57	ENE	1	f	29.76	— .12	54	54	0	W	1	r	2	of	*	58	51	0.02
	Stornoway ...	29.77	55	SSW	2	o	29.80	— .04	54	51	+ 1	W	2	b	2	r.o	0.0	55	44	0.44
	Wick	29.80	58	W	2	o	29.83	— .02	56	55	— 3	2	o	o:	0	o.r	*	67	53	0.15
	Nairn	29.76	68	WNW	1	c	29.80	— .05	54	54	— 7	2	o	d	1	c	*	75	52	0.18
	Aberdeen ...	29.80	68	SW	2	c	29.79	— .10	59	56	— 2	NE	1	c	1	b.c	6.1	74	55	—
BRITISH ISLANDS.	Leith	29.84	70	WSW	3	o	29.77	— .15	61	62	— 1	SW	2	o	*	o	*	77	58	—
	Shields	29.87	69	SW	3	c	29.82	— .16	68	62	— 3	SW	2	b	2	c	*	80	55	—
	Spurn Head ...	29.91	66	SE	4	c	29.84	— .22	67	65	— 2	NW	2	c	2	c	*	70	61	—
	York	29.89	76	W	1	c	29.86	— .19	64	59	— 2	WNW	1	b	*	c	8.5	?86	55	+
	Loughborough ...	29.90	80	SE	1	bc	29.87	— .21	70	65	+ 6	2	o	bmw	*	bc,c,bm	*	83	56	—
	Ardrossan ...	29.83	62	2	o	cm	29.81	— .12	56	56	— 6	NNW	3	dm	2	o.cm	*	64	56	0.13
	Malin Head ...	29.87	56	NW	1	omr	29.85	.00	58	55	— 4	NNW	2	c	2	o.rm	*	65	54	0.53
	Belmullet ...	29.85	55	N	2	or	29.90	+ .02	57	52	— 4	W	2	b	*	or	*	61	55	0.50
	Donaghadee ...	29.86	57	SW	4	c	29.86	— .10	55	55	— 8	NW	4	r	2	c	*	71	54	0.04
	Liverpool (Bidston)	29.92	70	NNW	1	b	29.86	— .17	57	54	0	SW	1	b	1	b	*	73	58	—
	Holyhead ...	29.92	62	SW	3	b	29.86	— .17	60	60	— 1	S	3	f	2	bc,b	*	66	57	+
	Parsonstown ...	29.86	71	2	o	c	29.92	— .07	57	50	— 7	NW	1	b	*	c,r	5.9	73	55	0.13
	Valencia ...	29.89	61	SSW	2	o	29.98	— .01	58	54	— 5	NW	3	o	5	om,o	1.9	69	54	0.16
	Roche's Point ...	29.93	57	SSW	3	b	29.92	— .12	59	55	— 2	N	5	bc	3	b,d	*	69	55	0.01
	Pembroke (St. Ann's Hd.)	29.94	58	SW	1	b	29.90	— .17	62	61	0	WSW	2	og	2	b	12.6	68	58	—
	Scilly	29.92	58	ESE	1	b	29.93	— .13	63	62	— 4	WSW	1	our	0	b	13.3	72	60	—
	Prawle Point ...	29.93	58	ENE	1	m	29.91	— .15	58	64	0	W	3	m	2	m	*	71	59	—
	Jersey (St. Aubin's)	29.92	76	N	3	b	29.92	— .14	74	63	+ 2	NW	3	b	3	b	*	82	63	—
	Hurst Castle ...	29.94	74	S	1	b	29.90	— .18	68	63	— 3	WSW	1	bm	0	bm,b	*	77	55	—
	Dungeness ...	29.99	71	ENE	3	c	29.86	— .23	73	65	+ 6	NE	1	b	0	c	*	77	57	—
	North Foreland	29.97	66	E	2	c	29.88	— .23	70	65	+ 3	NW	1	bm	1	bc,c	*	74	61	—
	London (Brixton) ...	29.93	77	S	1	c	29.87	— .23	71	61	— 3	W	1	b	*	b,c,b	7.1	85	56	—
	Oxford	29.90	74	S	2	b	29.88	— .19	68	62	+ 1	SW	1	b	*	b	*	83	57	—
	Cambridge ...	29.91	80	S	1	o	29.88	— .20	69	63	+ 3	SSW	1	b	*	o	9.9	85	57	—
	Yarmouth ...	29.96	69	SSE	2	b	29.87	— .21	66	64	— 1	S	1	b	2	b	*	70	61	—
GERMANY & HOLLAND.	Cuxhaven ...	30.04	74	N	2	b	29.95	— .17	67	66	+ 3	S	1	o	*	b	*	73	63	—
	Berlin	30.08	68	NNE	1	c	30.02	— .13	69	62	+ 4	ESE	1	b	*	c	*	73	64	—
	Wiesbaden ...	*	*	*	*	*	29.93	— .24	68	60	+ 5	2	o	b	*	*	*	79	61	—
	Munich	30.07	64	NE	3	b	29.99	— .24	64	61	+ 2	NE	2	b	*	b	*	73	52	—
	The Helder ...	29.99	?	2	o	b	29.89	— .23	71	65	+ 5	ESE	1	b	1	b	*	72	66	—
BELGIUM.	Brussels ...	*	*	*	*	*	29.89	— .24	75	68	+ 4	SSE	1	b	*	c	*	82	64	—
	Cape Gris Nez ...	29.95	68	ENE	2	o	29.88	— .21	67	64	— 1	2	o	m	o	o	*	73	61	—
	Paris	29.92	80	ENE	2	b	29.89	— .24	68	62	+ 4	NE	1	b	*	b	*	86	59	—
	Brest	29.90	76	N	1	b	29.97	— .04	59	59	— 6	NNW	1	f	1	b	*	82	55	—
	Lorient																*			
FRANCE &	Rochefort ...	29.87	79	NW	3	b	29.91	— .10	70	69	+ 3	WSW	3	c	*	b	*	99	67	—
	Belfort	29.89	73	E	3	m	29.86	— .22	71	63	+ 11	ENE	2	m	*	m	*	77	59	—
	Lyons	29.86	80	NE	1	b	29.90	— .17	69	64	+ 6	SSW	1	o	*	b,blp	*	85	63	—
	Nice	29.97	74	SW	2	b	29.94	— .06	71	62	— 4	E	1	c	o	b	*	86	64	—
	Perpignan ...	29.86	77	NE	2	b	29.93	— .08	72	66	— 1	NE	2	o	*	b	*	82	70	—
	Biarritz ...	29.86	72	W	5	c	30.02	+ .16	69	65	— 2	W	7	o	4	c,tlr	*	86	66	0.04
PENINSULA.	Corunna ...																*			
	Lisbon	30.15	66	W	3	b	30.21	+ .16	69	63	+ 3	N	3	b	*	b	*	70	63	—
	Azores (P. Delgada)	30.29	72	WSW	3	b	30.32		72	71		SW	3	b	2	b	*	77	70	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 10·0 hrs; Eastbourne more than 12 hrs.

WEATHER CHARTS

FOR Tuesday, 21st July, 1896.

BAROMETER, WIND AND SEA.

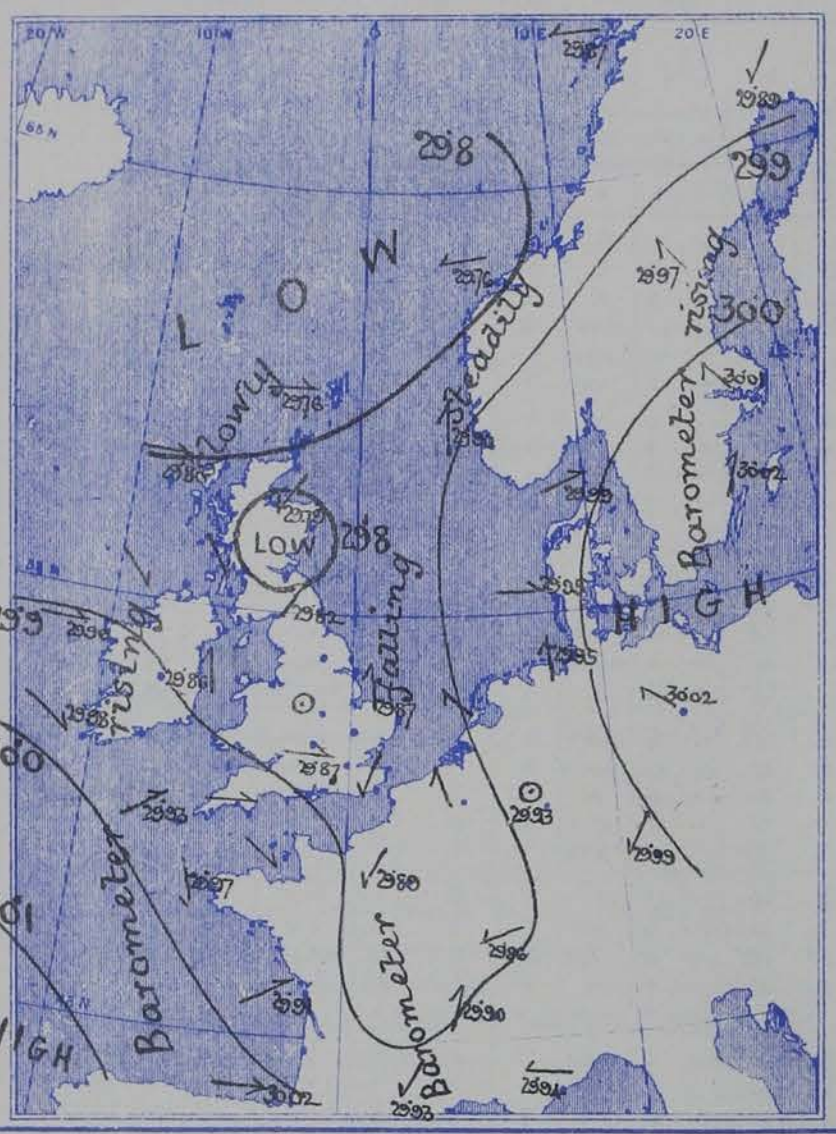
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▤ ; *High* ▩

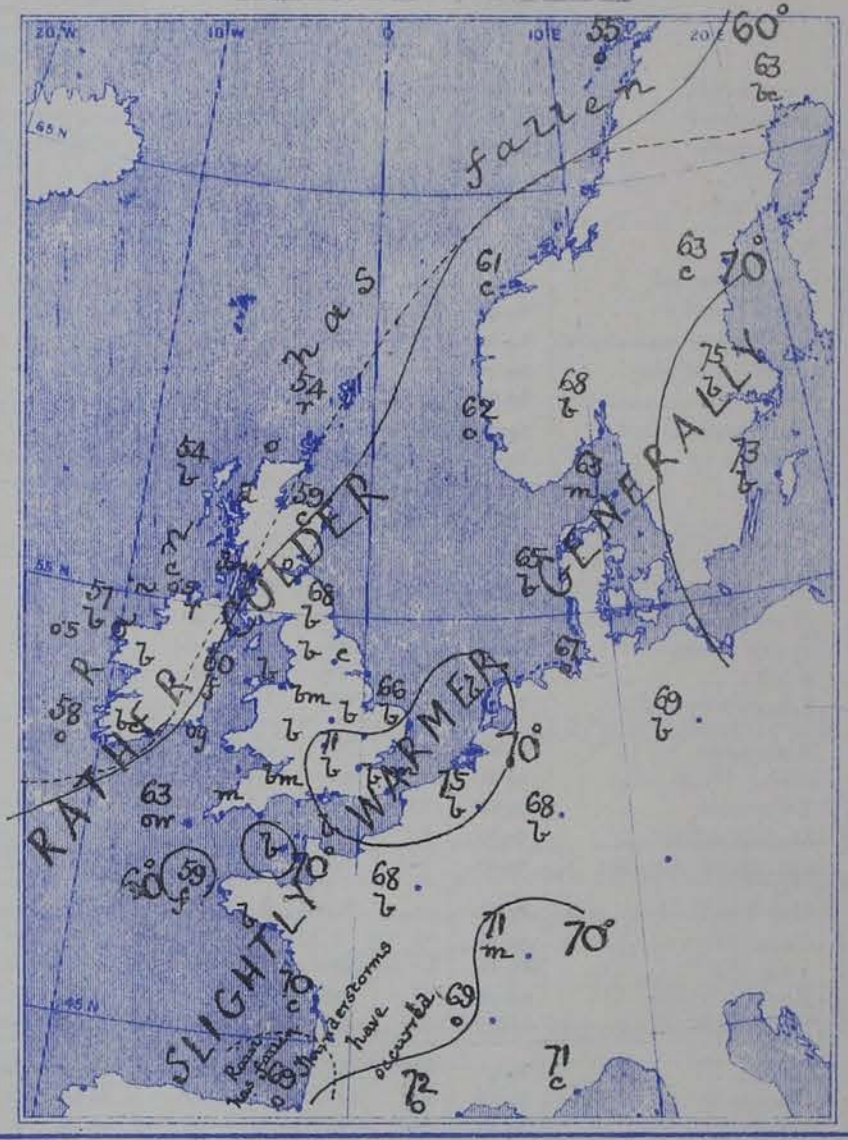


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. and upwards in Portugal; 30·0 ins. and upwards in Germany & the S. of Sweden.
Lowest 29·8 ins. and less in a large shallow depression lying to the N.W. of our Islands, and also in another system over the E. and central parts of Scotland; 29·9 ins. and less in a trough stretching S.W.ds across England and the Netherlands to central France.
Gradients slight. Barometer rising a little at most of the W. stations in our Islands and France; falling in most other localities, but rising in Sweden.

TEMPERATURE

Highest (1) 75° at Brussels, 74° at Jersey, and 73° at Dungeness, (2) 75° at Stockholm, and 73° at Wisby, (3) 72° at Perpignan & 71° at Nice
Lowest 54° at Lerwick & Stornoway and Nairn, 55° at Badö and Donaghadee, & 56° at Wick & Aberdeen.
During yesterday the thermometer rose to 80° and upwards in many parts of England, and to 85° in London and at Cambridge.

WIND

Light to moderate from the NW.rd in Ireland and the W. of Scotland and also in the NW. of France.
Light from between W. and S. over the greater part of England; varying S. by E. (SE to SW.) on the eastern shores of the North Sea; SE. by E. or E. by S. in Scandinavia.
Over central France there is a distinct cyclonic circulation of light breezes.

WEATHER

Fine and bright over England, the Netherlands, Germany and the N.rn parts of France, as well as over Sweden & the N. of Ireland
Cloudy in most other parts of our area, with slight rain in some parts of Scotland.
Since yesterday morning rain has fallen in Ireland and the west and north of Scotland, the largest amount being 0·5 in. at Malin Hd. and Belmullet. Thunderstorms have occurred at Lyons and Biarritz.

SEA

Slight or smooth generally, but rather rough at Valencia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The complex low pressure system over England and France seems likely to cause thunderstorms in places. As it passes eastwards the weather will probably become somewhat cooler.

FORECASTS.

For the 24 hours ending at NOON on 22.nd JULY. 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Variable breezes, finally NW. by W.; cool, changeable, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW. by W. to NW. by W. winds, light; weather becoming cooler and less settled, with thunderstorms in places.
6	SCOTLAND WEST	NW. by W. winds, light; some rain at first then fair.
7	ENGLAND N.W.	SW. by W. to NW. by W. winds, light, changeable, thundershowers locally.
8	ENGLAND S.W.	
9	IRELAND NORTH	NW. by W. winds, light or moderate, cool, changeable, some showers.
10	IRELAND SOUTH	
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·99	67	62	SSE	2	o	2
Sumburgh Head	29·81	57	56	ESE	1	o	3
Stornoway	29·78	53	52	Z	o	r	0
Aberdeen	29·84	73	64	SW	2	b	1
Shields	29·91	79	67	SW	3	c	2
Ardrossan	29·88	62	60	S	2	o	2
Malin Head ...	29·83	63	62	SW	4	o	3
Belmullet	29·86	61	60	SSW	3	or	*
Holyhead	29·97	66	63	S	4	bc	3
Valencia	29·93	67	61	S	3	om	4
Scilly	29·96	70	68	ESE	1	b	0
Jersey	29·98	81	67	ESE	1	b	1
Hurst Castle ...	30·00	75	68	S	3	bm	1
Dungeness ...	30·01	75	67	NE	1	m	0
North Foreland	30·02	72	66	SE	2	bc	2
London (Westminster)	29·99	83	70	SW	2	bc	*
Yarmouth ...	30·00	70	64	SSE	3	b	3
Rochefort ...	29·92	93	79	ESE	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over England and the greater part of the Continent, but dull at most of the German and Austrian stations and rainy at Bodö. Dull also in Ireland and the west and north of Scotland, with rain at Stornoway and Nairn. Rain falling later in Ireland and the west and north of Scotland generally, – rather heavily on our extreme NW. coasts. Thunderstorms occurring at Lyons and Biarritz.

Temperature risen in most of the western countries, but changed irregularly elsewhere. Morning readings highest 82° at Sfax, 81° at Palma, and 80° at Athens and Patras, above 75° at the Mediterranean and Adriatic stations generally, and above 70° at several stations in the E. and S. of England, as well as in the Baltic provinces. Lowest 50° at Bodö, 53° at Stornoway, 54° at Sumburgh Hd., and 50° at Christiansund. Rising during day to 80° and upwards over the greater part of England, and reaching 85° in London and at Cambridge; slightly exceeding 85° at several of the French stations.

Wind light from the S^nd. or SW^nd. in the west and extreme north of our Islands, and from the SE^nd. on our eastern coasts. Light to moderate from the E. or NE. over the Channel and the greater part of France, but W^ly. or SW^ly. over the Spanish Peninsula. Strong from the W^nd. or NW^nd. over Scandinavia and light or moderate from the same quarters over Denmark, Germany and the greater part of Russia, N^ly. or NW^ly. over the greater part of Italy and Greece. Subsequently shifting to the NW^nd. or N^nd. in the N. of Ireland, and to the W^nd. or NW^nd. in the SW. of France; no important change occurring elsewhere.

Barometer highest 30·1 ins. and upwards in an anticyclone lying over Germany, the Netherlands, the NE. of France and the SE. of England. Lowest 29·7 ins. and less in a large area lying over the N. of Scandinavia and the N^rn. and central parts of Russia; 29·8 ins. and less in a depression off the NW. of Scotland and also in another system over Greece; 29·9 ins. and less in a shallow disturbance over the NE. of Spain. Scotch depression subsequently spreading E^wds.; Spanish disturbance moving NE^wds. to the SW. of France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 22nd July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.85	60	NW	0	b	29.73	-.16	66	61	+3	S	2	c	*	b	*	68	48	-
	Hernösand ...	29.79	65	NW	0	0	29.88	-.09	68	64	+5	S	6	b	*	c	*	72	55	-
	Stockholm ...	29.92	70	S	2	0	29.83	-.18	76	68	+1	S	2	c	*	0	*	81	59	-
	Wisby	29.95	70	SE	4	b	29.84	-.18	71	66	-2	S	2	c	*	b	*	81	59	-
	Karlstad ...	29.85	69	SSW	2	bc	29.76	-.19	67	63	+2	SSW	2	bc	*	bc	*	*	*	-
	Bodö ... ... †	29.74	56	SW	6	0	29.69	-.18	53	51	-2	WSW	2	0	1	0	*	57	50	0.20
	Christiansund ... †	29.81	55	N	1	N	29.74	-.02	53	52	-8	W	0	f	1	N	*	61	52	0.51
	Skudesnaes ...	29.80	62	S	4	f	29.69	-.21	61	60	-1	SSW	2	fR	3	f	*	68	55	*
	Færder (Christiania Fjord)	29.83	68	S	4	bc	29.74	-.18	68	66	0	S	1	0	1	bc	*	68	66	0.12
	Skagen (The Scaw)	29.88	68	W	0	m	29.75	-.24	67	66	+4	SW	1	m	0	m	*	77	63	-
	Fanö	29.80	67	W	0	b	29.73	-.22	68	65	+3	N	1	b	*	b	*	79	63	-
British Islands	Sumburgh Head	29.77	55	NNW	2	c	29.73	-.03	55	54	+1	W	1	c	2	0,c	*	58	47	0.02
	Stornoway ...	29.80	60	NNW	3	c	29.79	-.01	53	50	-1	WSW	3	0	3	0.c	6.2	60	49	-
	Wick	29.81	56	W	0	c	29.80	-.03	56	54	0	NW	1	c	1	c	*	58	45	0.06
	Nairn	29.79	58	W	0	c	29.79	-.01	55	53	+1	W	1	c	1	c	*	58	48	0.11
	Aberdeen ...	29.80	54	NE	2	0	29.80	+.01	54	53	-5	NW	1	c	1	0?,0,?	0.2	60	51	0.22
	Leith	29.78	64	W	1	0	29.82	+.05	63	57	-4	W	3	bc	*	0	*	68	48	0.16
	Shields	29.77	66	NW	3	0	29.83	+.01	60	54	-8	W	4	c	2	c,0	*	71	47	-
	Spurn Head ...	29.78	68	NW	3	c	29.86	+.02	60	55	-7	WNW	4	bc	3	bc,p	*	72	55	0.01
	York	29.84	71	W	1	c	29.87	+.01	60	55	-4	W	3	b	*	b,c	10.3	79	48	0.14
	Loughborough ...	29.81	72	W	1	c	29.95	+.08	57	54	-13	W	2	c	*	bc,o,p,c	*	83	51	0.16
	Ardrossan ...	29.83	60	NW	3	bc	29.85	+.04	58	54	+2	W	4	c	3	o,bc	*	63	54	0.05
	Malin Head ...	29.86	57	W	5	bc	29.89	+.04	55	52	-3	WNW	6	cp	4	bc	*	60	52	0.03
	Belmullet ...	29.93	58	W	3	bc	30.00	+.10	58	55	+1	W	3	bc	*	b,bc	*	60	52	0.06
	Donaghadee ...	29.89	58	NNW	4	c	29.93	+.07	55	53	0	W	4	c	2	c	*	64	48	0.11
	Liverpool (Bidston)	29.87	58	WNW	3	0	29.92	+.06	59	53	-8	W	4	c	4	bc,p	*	71	55	0.08
	Holyhead ...	29.90	57	NW	1	c	29.97	+.11	58	51	-2	W	5	c	3	f,f2,c	*	62	51	-
	Parsonstown ...	29.94	62	SW	2	bc	30.07	+.15	58	53	+1	W	2	c	*	c	5.6	65	52	-
	Valencia ...	30.02	61	WNW	4	bc	30.13	+.15	59	54	+1	NW	4	0	5	bc	7.8	61	55	0.02
	Roche's Point ..	29.97	63	NNW	4	bc	30.09	+.17	58	54	-1	WNW	3	bc	3	bc	*	65	54	-
	Pembroke (St. Ann's Hd.)	29.92	60	NW	3	bc	30.05	+.15	58	55	-4	NW	5	bc	4	o,bc	2.7	68	55	-
	Scilly	30.00	63	NW	5	c	30.09	+.16	61	59	-2	NW	4	cp	3	cmp,c	5.9	67	58	0.04
	Prawle Point ...	29.92	66	W	4	c	30.05	+.14	61	56	-7	WSW	4	bc	3	c	*	68	56	-
	Jersey (St. Aubin's)	29.95	69	WNW	4	bcm	30.08	+.16	64	58	-10	WNW	4	b	3	c,bcm	*	78	59	-
	Hurst Castle ...	29.88	70	WSW	2	c	30.01	+.11	63	59	-5	W	3	bc	2	cm,c	*	76	55	-
	Dungeness ...	29.82	69	SW	3	bc	29.94	+.08	61	56	-12	NW	3	bc	2	bc	*	76	54	-
	North Foreland	29.82	79	SW	3	bc	29.94	+.06	61	56	-9	NW	3	c	2	bc	*	80	58	-
	London (Brixton) ...	29.82	77	SW	2	0	29.98	+.11	62	55	-9	W	2	0	*	b,c,b	10.0	88	57	-
	Oxford	29.85	68	WSW	3	0	29.98	+.10	59	55	-9	W	2	0	*	bc,0	*	83	51	0.03
	Cambridge ...	29.79	80	W	3	c	29.94	+.06	59	55	-10	W	2	c	*	b,c	12.0	88	55	0.03
	Yarmouth ...	29.77	69	S	2	b	29.89	+.02	59	56	-7	WNW	3	c	2	b,r	*	72	55	0.10
Germany & Holland	Cuxhaven ...	29.82	74	E	3	b	29.76	-.19	70	?	+3	W	1	b	*	b	*	77	63	-
	Berlin	29.84	77	ESE	1	b	29.81	-.21	74	65	+5	SE	1	b	*	b	*	84	68	-
	Wiesbaden ...	*	*	*	*	*	29.89	-.04	71	64	+3	W	0	0	*	*	*	82	63	-
	Munich... ..	29.95	66	SW	4	bc	30.02	+.03	68	63	+4	SW	5	c	*	bc	*	79	59	-
	The Helder ...	29.80	76	ESE	1	b	29.78	-.11	65	62	-6	W	3	b	2	b	*	77	59	-
Belgium.	Brussels ...	*	*	*	*	*									*		*			
	Cape Gris Nez...	29.85	66	WSW	2	m	29.90	+.02	62	59	-5	NNW	3	0	3	m	*	79	59	-
	Paris	29.87	81	NNW	2	c	30.02	+.13	62	59	-6	NW	2	c	*	c	*	87	61	-
	Brest	30.00	63	NW	2	0	30.12	+.15	59	57	0	NW	2	c	2	0	*	77	52	-
	Lorient	?	68	WNW	5	bc	30.12		61	58		NNW	4	bc	2	bc	*	84	54	-
France &	Rochefort ...	30.03	71	NW	5	bc	30.11	+.20	67	66	-3	NW	4	c	*	bc	*	81	64	-
	Belfort	29.85	65	W	?8	t	29.97	+.11	64	63	-7	WSW	2	m	*	t	*	81	57	0.16
	Lyons	29.93	71	W	1	0	30.03	+.13	66	63	-3	NW	1	b	*	0	*	77	62	0.08
	Nice	29.88	73	E	0	c	29.89	-.05	74	63	+3	E	0	b	0	c	*	82	64	-
	Perpignan ...	?	76	NW	4	c	30.08	+.15	72	64	0	NW	5	b	*	c	*	79	68	0.08
	Biarritz ...	30.13	70	W	4	0	30.13	+.11	65	64	-4	WSW	4	r	4	0	*	72	63	-
Peninsula.	Corunna ...																*			
	Lisbon	30.23	66	NNW	4	b	30.21	-.00	68	63	-1	N	5	c	*	b	*	77	64	-
	Azores (P. Delgada)	30.39	72	WSW	4	b	30.39	+.07	73	71	+1	WSW	3	bc	2	b	*	77	70	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 4.4 hrs; Eastbourne 11.7 hrs.

WEATHER CHARTS

FOR Wednesday, 22nd July, 1896.

BAROMETER, WIND AND SEA.

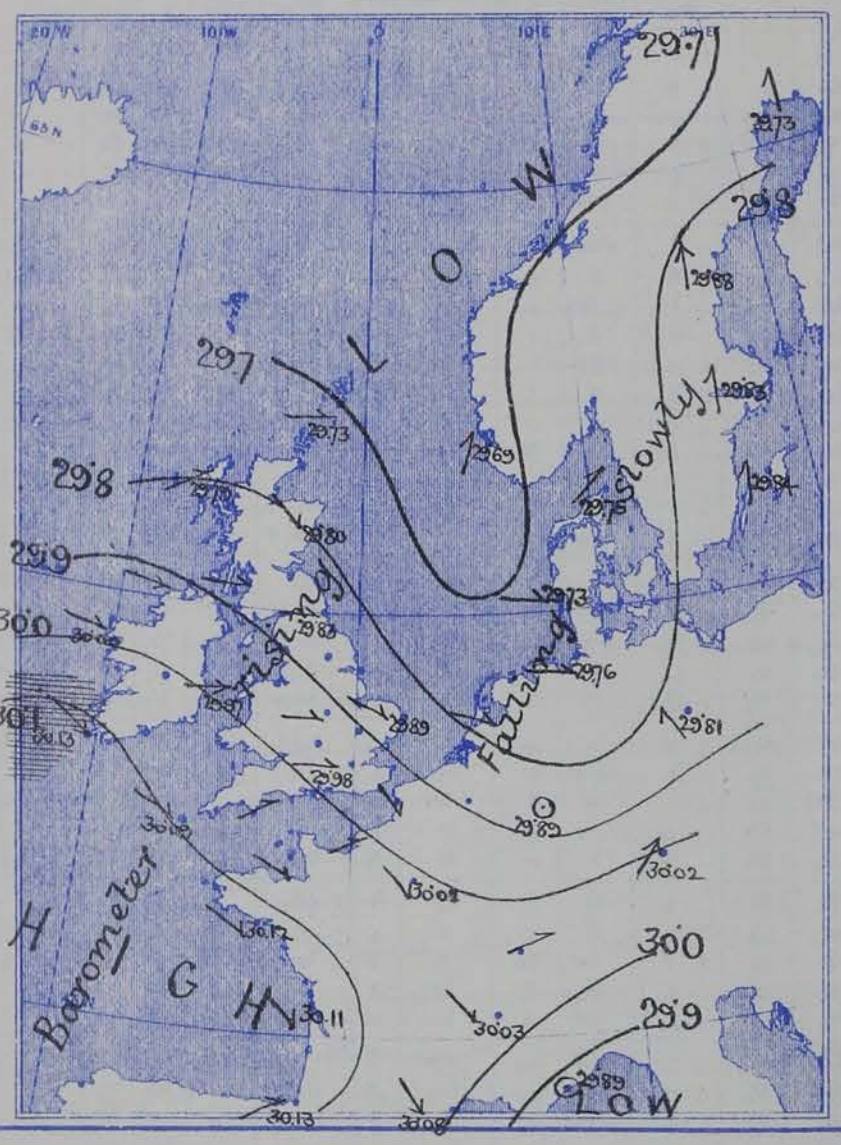
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA —Rough ▤ ; High ▩

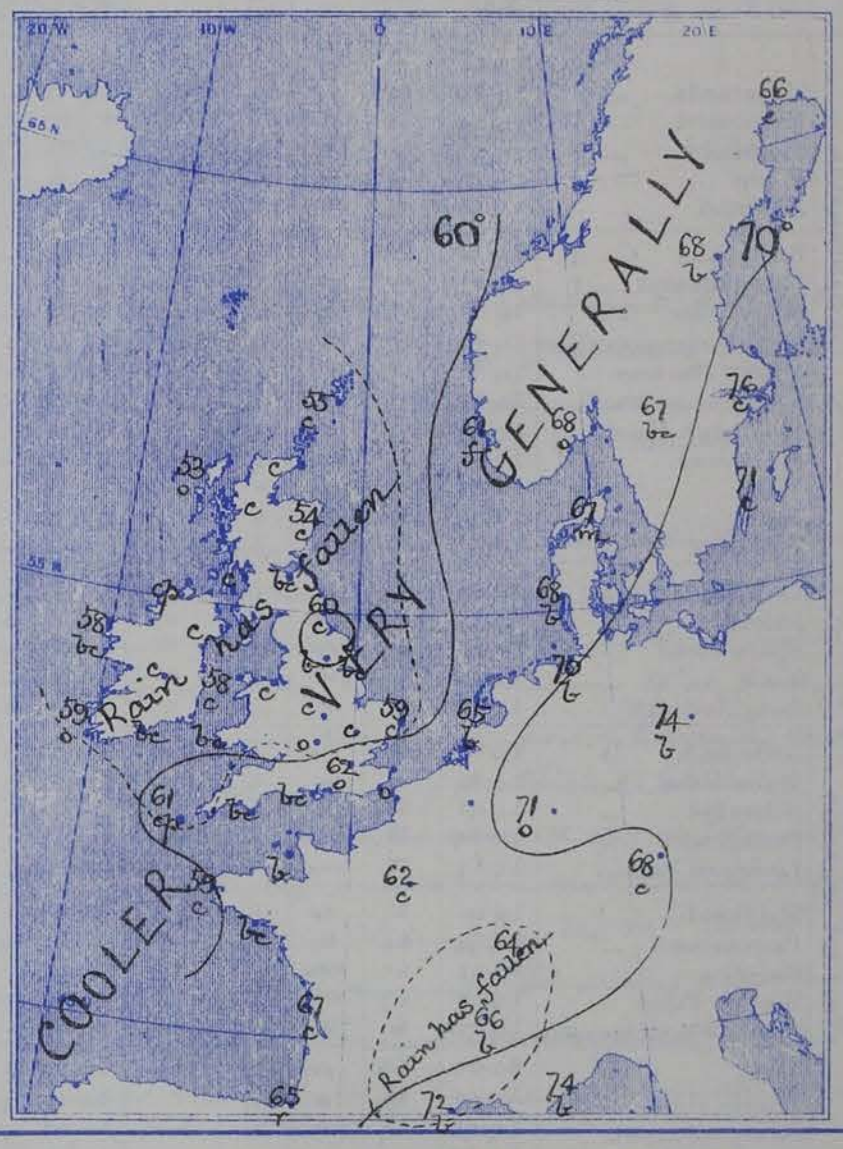


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·4	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·21 ins: at Lisbon; 30·1 ins: and upwards, in an anticyclone extending from Spain over the Bay of Biscay, the west of France, and the extreme southwest of Ireland. Lowest, 29·7 ins: and less, in a depression lying over the west of Norway and the northern parts of the North Sea. Gradients slight. Barometer rising in most parts of our Islands and France, but falling in Scandinavia, Denmark and North Germany.

TEMPERATURE — Highest, (1) 76° at Stockholm, 71° at Wisby, and 68° at Stockholm and Fowder; (2) 74° at Berlin and 71° at Wiesbaden; (3) 74° at Nice and 72° at Perpignan. Lowest, 53° at Stornoway, 54° at Aberdeen, 55° at Sumburgh Hd. Nairn, Malin Hd. and Donaghadee. During yesterday the thermometer rose to 80° and upwards at several of the English stations and to 88° in London and at Cambridge. On many parts of our eastern coasts it failed to reach 65°, while in the north of Scotland it did not touch 60°.

WIND — W$^{\frac{1}{2}}$ or NW$^{\frac{1}{2}}$ over our Islands, France, and the Netherlands; light or moderate in force generally, but fresh at some of our eastern stations. W$^{\frac{1}{2}}$ or SW$^{\frac{1}{2}}$ in Denmark and Germany; S$^{\frac{1}{2}}$ in Scandinavia, and strong in force at Hernösand.

WEATHER — Fair over Western Europe generally, but showery at Malin Hd. and Scilly, and raining at Biarritz. Dull in the south of Norway, with fog at Skudesnaes. Since yesterday morning showers have fallen in many parts of the United Kingdom and France. Solar halos were seen yesterday at Oxford and Jersey.

SEA — Moderate to smooth generally, but rather rough at Valencia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone in the southwest seems to be spreading northeastwards; and fair weather is therefore likely to continue over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 23rd JULY, 1896.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	W$^{\frac{1}{2}}$ and SW$^{\frac{1}{2}}$ winds, moderate; cloudy, some showers.
1 SCOTLAND EAST	Same as N°5
2 ENGLAND N.E.	
3 ENGLAND EAST	
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	W$^{\frac{1}{2}}$ and NW$^{\frac{1}{2}}$ winds, light or moderate; fair generally.
6 SCOTLAND WEST	W$^{\frac{1}{2}}$ winds, moderate; cloudy, some showers.
7 ENGLAND N.W.	Same as N°5.
8 ENGLAND S.W.	
9 IRELAND NORTH	Same as N°6.
10 IRELAND SOUTH	Same as N°5
WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.84	62	62	S	6	qf	4
Sumburgh Head	29.77	56	55	WNW	2	o	2
Stornoway	29.80	59	54	W	3	a	3
Aberdeen	29.81	54	53	NE	2	or	1
Shields	29.77	66	62	E	3	c	2
Ardrossan	29.83	62	57	NW	3	c	2
Malin Head ...	29.86	60	56	NNW	5	bc	3
Belmullet	29.92	60	54	W	2	b	*
Holyhead	29.87	57	56	N	4	fd	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	3001	60	56	W	3	bc	4
Scilly	29.95	60	59	WNW	4	opm	2
Jersey	29.95	68	64	NNW	4	c	3
Hurst Castle ...	29.89	73	68	SW	4	cm	2
Dungeness ...	29.85	73	65	SSW	2	b	1
North Foreland	29.85	74	67	SE	2	bo	2
London (Westminster)	29.82	87	65	SW	2	bc	*
Yarmouth ...	29.82	72	65	SSE	3	b	2
Rochefort ...	2997	75	70	WNW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over England & the greater part of the Continent, but dull over the southern parts of France, cloudy over the northern parts of our Islands, with slight rain in places. Showers falling later in several parts of the United Kingdom and France, with thunder at Befort. Solar halos seen at Oxford and Jersey

Temperature fallen a little in most parts of our Islands and also over the southern parts of the Continent, risen or changed irregularly elsewhere. Morning readings highest (1) 86° at Sfax, 83° at Tunis, 82° at La Calle, and 81° at Patras; (2) 75° at Brussels and 74° at Jersey; (3) 75° at Stockholm and 73° at Wisby. Lowest (1) 48° at Archangel; (2) 54° at Sumburgh Hd., Stornoway, and Skein, and 55° at Bodo and Drontheim. Daily maxima below 60° in the north of Scotland, and below 65° on many parts of our western coasts. Thermometer Exceeding 80° in the south of Sweden and also over the more central part of England and France, and reaching 88° in London and at Cambridge.

Wind light to moderate from the W.ly or NW.ly in the west and south of our Islands, and also over the Bay of Biscay and the Spanish Peninsula. Light from the SW.ly over the eastern and central parts of our Islands but SE.ly over the Netherlands and North Germany. W.ly in Denmark and also in the north of Scotland. Varying between S. and E. in Scandinavia. Light from the NW.ly or N.ly in Russia and also in Italy, but calm or variable in Austria. Subsequently veering to the NW.ly over the northern parts of Great Britain. No important change occurring Elsewhere.

Barometer highest 30·2 in. and upwards in an anticyclone lying off the Portuguese coasts; 30·0 in. and upwards in another system over Eastern Germany, the Baltic, and the neighbouring parts of Sweden and Russia. Lowest 29·7 in. and less, in a large shallow area over northern and central Russia; 29·8 in. and less, in another large area lying to the northward of our Islands, and also in a small depression over the East of Scotland. Scotch depression subsequently moving southeastwards, and barometer rising on all but our southeast coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 23rd July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.64	69	S	2	0	29.61	-.12	62	61	- 4	SW	2	f	#	0	#	68	52	-
	Hernösand ...	29.57	66	S	4	r	29.60	-.28	69	64	+ 1	S	2	bc	#	r	#	72	63	-
	Stockholm ...	29.71	68	E	0	b	29.73	-.10	77	70	+ 1	S	2	bc	#	b	#	79	64	-
	Wisby	29.77	70	SSW	4	b	29.73	-.11	72	67	+ 1	SSW	4	c	#	b	#	79	63	-
	Karlstad ..	29.66	71	E	0	b	29.62	-.14	67	64	0	SW	2	0	#	bl. b	#	#	#	-
	Bodö	29.70	51	E	0	b	29.68	-.01	54	53	+ 1	E	0	bc	0	b	#	54	48	0.04
	Christiansund ...	29.73	52	N	2	r	29.72	-.02	52	50	- 1	WSW	2	r	2	r	#	54	50	0.28
	Skudesnaes ...	29.74	56	NNW	6	c	29.77	+.08	56	52	- 5	NNW	2	c	2	c	#	61	48	#
	Færder (Christiania Fjord)	29.65	57	SSW	2	bc	29.61	-.13	66	62	- 2	SSW	4	0	3	bc	#	68	63	-
	Skagen (The Scaw)	29.72	66	W	1	m	29.70	-.05	62	55	- 5	NNW	5	c	1	m	#	81	59	-
	Fanö	29.76	61	W	4	c	29.91	+.18	61	55	- 7	W	6	bc	#	c	#	79	57	-
British Islands.	Sumburgh Head	29.73	54	W	1	c	29.75	+.02	52	51	- 3	E	0	0	2	0,c	#	59	45	0.02
	Stornoway ...	29.80	56	NW	3	bc	29.78	-.01	53	50	0	W	3	0	3	r.c.bc	5.8	58	48	0.14
	Wick	29.82	52	E	0	r	29.80	.00	55	54	- 1	NW	2	0	1	r	#	62	47	0.40
	Nairn	29.79	57	W	3	0	29.80	+.01	56	52	+ 1	W	3	c	1	c	#	62	46	0.06
	Aberdeen ...	29.82	54	S	1	or	29.83	+.03	56	50	+ 2	W	1	b	1	or	0.9	59	46	0.32
	Leith	29.85	63	W	2	bc	29.87	+.05	59	53	- 4	W	3	bc	#	bc	#	67	48	0.01
	Shields	29.88	61	WSW	3	c	29.93	+.10	58	53	- 2	SW	1	c	2	dp, c	#	66	47	-
	Spurn Head ...	29.91	62	W	5	b	29.99	+.13	63	57	+ 3	WSW	3	b	3	b	#	64	58	-
	York	29.93	63	W	4	b	29.98	+.11	59	54	- 1	SW	1	bc	#	b	9.0	68	49	-
	Loughborough ...	30.01	63	WNW	4	bc	30.03	+.08	61	56	+ 4	SSW	2	bcw	#	be.bm	#	66	46	-
	Ardrossan ...	29.89	59	W	4	c	29.88	+.03	57	53	- 1	W	2	c	2	p.c	#	62	52	0.03
	Malin Head ...	29.93	54	W	6	cg	29.88	-.01	53	51	- 2	SW	3	dp	2	c.cg	#	58	51	0.29
	Belmullet ...	30.00	57	W	3	om	29.91	-.09	52	51	- 6	WSW	3	0	#	om.bc	#	60	55	0.76
	Donaghadee ...	29.97	60	WSW	5	bcp	29.93	.00	59	56	+ 4	W	3	c	1	bcp	#	64	48	0.10
	Liverpool (Bidston)	30.00	61	W	5	b	29.96	+.04	61	55	+ 2	WSW	1	c	3	b	#	63	52	0.01
	Holyhead ...	30.03	59	SW	2	c	29.97	.00	59	57	+ 1	SW	3	c	2	bc.c	#	64	51	-
	Parsonstown ...	30.04	62	W	2	c	29.96	-.11	59	56	+ 1	SW	1	dp	#	c.r	9.1	65	54	0.04
	Valencia ...	30.10	61	W	4	om	29.96	-.17	60	58	+ 1	SSW	2	dp	3	cp,om	4.2	63	52	0.02
	Roche's Point ..	30.09	64	W	4	bc	30.01	-.08	59	56	+ 1	WSW	2	c	2	bc	#	65	52	-
	Pembroke (St. Ann's Hd.)	30.17	60	NNW	5	bc	30.02	-.03	58	57	0	SW	4	0	4	bc	10.4	63	55	0.11
	Scilly	30.17	63	NW	4	c	30.06	-.03	61	58	0	SW	4	dp	3	b,c	7.8	67	57	0.10
	Prawle Point ...	30.11	66	W	4	bc	30.09	+.04	60	58	- 1	SW	4	c	3	bc	#	71	54	-
	Jersey (St Aubin's)	30.13	65	NNW	5	bv	30.14	+.06	63	57	- 1	WSW	4	c	3	bcv	#	67	56	-
	Hurst Castle ...	30.05	62	W	4	bc	? 30.10	+.09	64	58	+ 1	SW	2	bc	1	c.bc	#	72	53	-
	Dungeness ...	29.98	65	WSW	5	c	30.07	+.13	63	55	+ 2	NNW	1	bc.	0	c	#	70	48	-
	North Foreland	30.00	66	W	2	c	30.09	+.15	63	55	+ 2	NW	1	bc	2	0,c	#	69	54	-
	London (Brixton) ...	30.01	66	WSW	2	bc	30.07	+.09	64	57	+ 2	W	1	bc	#	c	2.2	71	47	-
	Oxford	30.04	60	NNW	1	b	30.05	+.07	63	57	+ 4	WSW	2	bc	#	b	#	68	50	-
	Cambridge ...	30.00	64	NW	2	0	30.05	+.11	61	55	+ 2	SSW	3	b	#	c,0	4.6	68	44	-
	Yarmouth ...	29.94	65	NNW	3	c	30.03	+.14	61	55	+ 2	W	2	b	2	c	#	68	49	-
Germany & Holland.	Cuxhaven ...	29.84	67	W	5	bc	29.97	+.21	62	61	- 8	NW	3	bc	#	be	#	81	59	-
	Berlin	29.86	68	SSE	2	r	30.02	+.21	62	56	- 12	WNW	3	c	#	r	#	88	61	0.12
	Wiesbaden ...	*	*	*	*	*	30.11	+.22	61	56	- 10	E	0	b	#	*	#	81	55	-
	Munich... ..	30.04	61	E	0	c	30.12	+.10	60	60	.. 8	NW	3	r	#	c	#	75	59	0.39
	The Helder ...	29.95	64	NSW	3	c	30.04	+.26	61	55	- 4	W	3	bc	2	c	#	66	61	-
Belgium.	Brussels ...	*	*	*	*	*	30.11		61	57		E	0	bc	#	0	#	75	50	-
	Cape Gris Nez..	30.01	63	W	2	bc	30.06	+.16	60	58	- 2	E	0	c	0	bc	#	68	57	-
	Paris	30.05	70	NW	3	c	30.13	+.11	58	54	- 4	S	1	b	#	c	#	74	47	-
	Brest	30.00	65	NW	2	0	30.13	+.01	60	59	+ 1	NW	1	c	1	0	#	70	57	-
	Lorient... ...	30.16	64	NNW	2	0	30.16	+.04	58	52	- 3	NW	2	bc	2	0	#	70	52	-
France &	Rochefort ...	30.16	68	NNW	5	bc	30.13	+.02	61	57	- 6	NE	3	c	#	bc	#	72	55	-
	Belfort	29.98	63	N	1	0	?	?	58	58	- 6	E	2	f	#	0	#	75	57	0.04
	Lyons	30.01	72	NNW	1	bc	30.06	+.03	64	60	- 2	NNW	2	bc	#	r.bc	#	78	60	-
	Nice	29.87	73	W	4	c	29.87	-.02	75	65	+ 1	E	0	b	0	c	#	86	66	-
	Perpignan ...	30.02	78	E	4	b	30.07	-.01	66	57	- 6	N	2	0	#	b	#	85	64	-
	Biarritz ...	30.19	68	SW	4	0	30.13	.00	63	61	- 2	E	0	0	3	0	#	72	59	0.20
Penin-sula.	Corunna ...																#			
	Lisbon	30.14	64	NNE	5	b	30.08	-.13	68	59	0	N	5	b	#	b	#	75	61	-
	Azores (P. Delgada)	30.35	72	N	4	b	30.30	-.09	71	69	- 2	NNW	4	0	4	b	#	77	68	0.08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 9.6 hrs; Eastbourne 7.0 hrs; Hastings (St. Leonards) 7.2 hrs.

WEATHER CHARTS

FOR Thursday, 23rd July, 1896.

BAROMETER, WIND AND SEA.

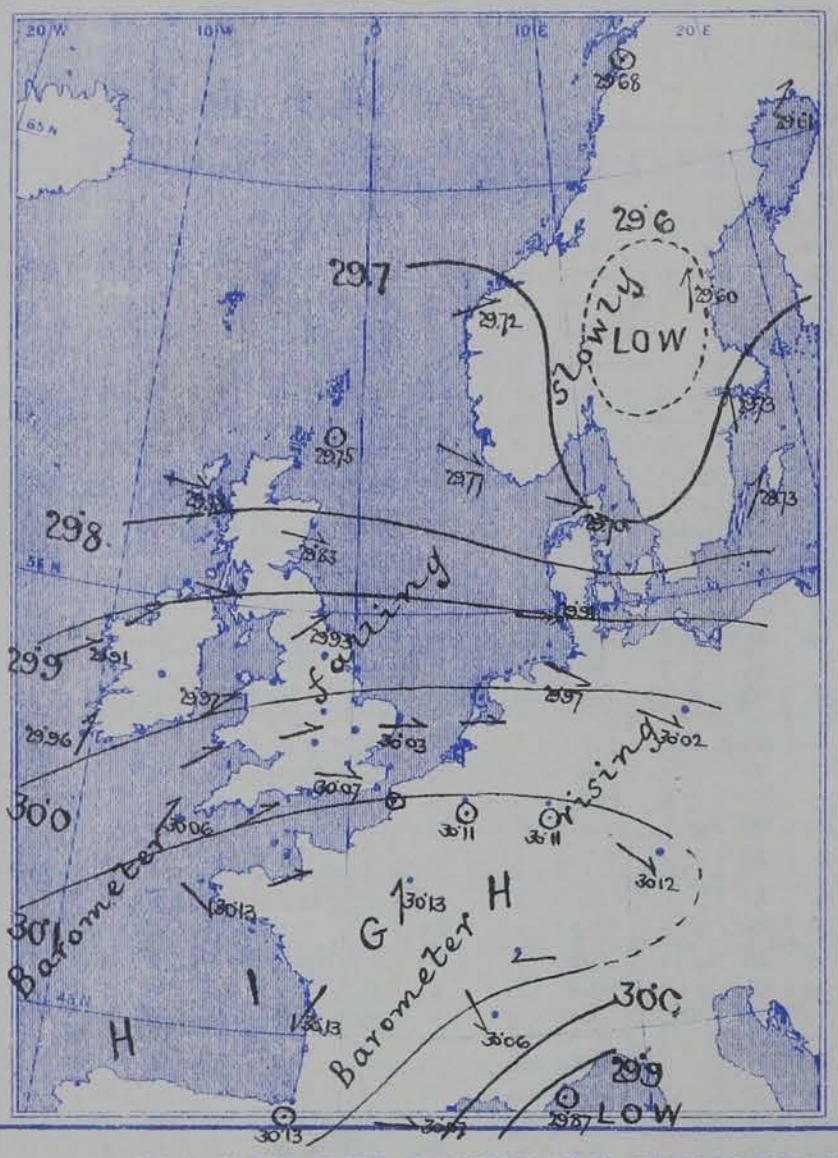
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▒ ; High ▓

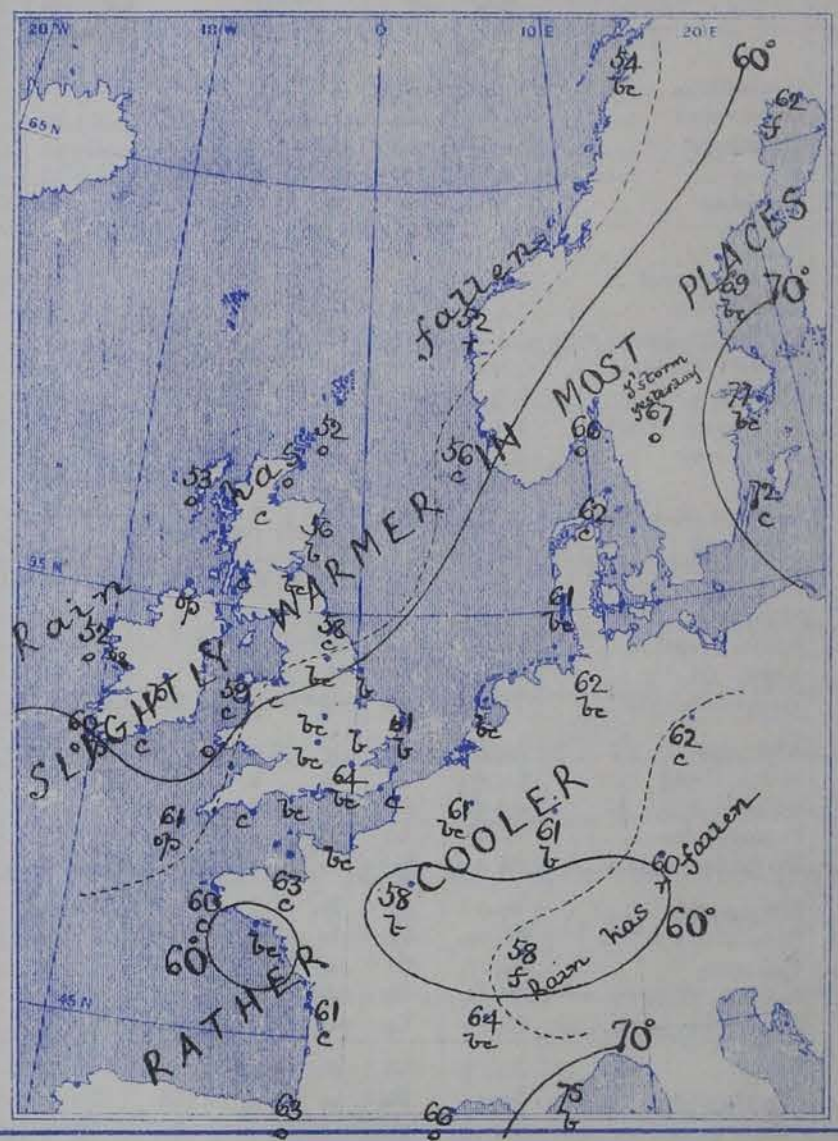


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·6	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and upwards, in an anticyclone lying over the Bay of Biscay, the greater part of France and the southwest of Germany.
Lowest, 29·6 ins: and less in a depression over Central Scandinavia.
Gradients slight. Barometer falling in all but the eastern part of our Islands, but rising at most of the Continental stations.

TEMPERATURE

Highest, (1) 71° at Yorkhaven, 72° at Wisby, and 69° at Hernösands; (2) 75° at Nice, 68° at Lisbon, and 66° at Perpignan.
Lowest, 52° at Christiansund and Stemtangen, and Belmullet, 53° at Stornoway and Malin Head, and 56° at Kirkwall and Aberdeen.
The maxima registered yesterday were below 65° on many parts of our eastern and northern coasts, but slightly above 70° at some stations in the south of England.

WIND

Light to moderate from the SW. over the greater part of Ireland and England.
W. in Scotland and also in Norway, Denmark, Germany, and the Netherlands; SW. or S. in Sweden.
Light and variable over the greater part of France.

WEATHER

Fair in the eastern and central parts of our Islands, as well as at most of the Continental stations, but dull in the south of France and raining at Munich.
Cloudy or dull in all the more western parts of the United Kingdom, with showers in places. A Solar halo is reported at Jersey.
Rain fell yesterday at most of our eastern and northern stations, the largest amounts being 0·8 in: at Belmullet, and 0·4 in at Wick. A lunar halo was seen at Jersey

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometer is now falling rather decidedly on our extreme southwest coasts, and a depression is apparently advancing from the westward. The cloudy, showery weather now prevalent in the west seems likely to spread shortly to most other parts of our Islands.

FORECASTS

For the 24 hours ending at NOON on 24TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W. to SW. winds, light; fine at first, some showers later.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW. winds, moderate; fair at first, then cloudy and showery, possibly thunder.
6	SCOTLAND WEST	SW. winds, light; cloudy, showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. and SW. winds, freshening; unsettled, some rain.
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.70	56	54	NNW	6	rf	3
Sumburgh Head	29.74	56	54	N	1	o	2
Stornoway	29.80	55	52	NNW	3	c	3
Aberdeen	29.82	55	53	SW	1	or	1
Shields	29.86	65	55	N	4	cp	2
Ardrossan	29.90	62	60	N	4	bc	3
Malin Head ...	29.92	58	54	NNW	6	c	4
Belmullet	30.04	*60	55	N	2	bc	*
Holyhead	30.03	64	59	N	3	bc	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F	WEA.	SEA.
Valencia	30.14	62	56	W	4	cp	5
Scilly	30.15	65	60	NW	4	b	3
Jersey	30.13	66	59	W	5	bc	3
Hurst Castle ...	30.04	70	63	SW	3	c	3
Dungeness ...	29.99	68	66	WSW	4	c	3
North Foreland	30.00	64	55	W	3	o	3
London (Westminster)	30.00	71	57	W	3	c	*
Yarmouth ...	29.93	65	58	NW	3	c	2
Rochefort ...	30.12	68	64	NW	5	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fair or fine over the greater part of our Islands and the Continent, but showery at one or two of our more western stations. Dull in the southwest of France and also in Italy, with rain at Biarritz and Palermo. Rain falling later in the west and north of our Islands generally, and also at some of the German stations; thunder and lightning occurring at Karlstad.

Temperature fallen over Western Europe generally and also over the Central and southern parts of Russia, but risen elsewhere. Morning readings highest 84° at Athens and Patras, 82° at Lyon, and 80° at Barcelona; above 70° over Southern Europe generally, and also over North Germany and the south of Sweden. Lowest (1) 53° at Bodö, Christiansund and Stornoway, and 54° at Aberdeen; (2) 55° at Archangel, and 56° at Moscow. Daily maxima below 65° on many parts of our more western and northern coasts, but thermometer rising a little above 70° in the south of England. Exceeding 80° in Germany and the south of France, and reaching 88° at Berlin.

Wind light to moderate from the W.ly or NW.ly over our Islands, France, Spain, and the Netherlands; SW. over western Germany, SE. over Eastern Germany, S. over the Baltic, Scandinavia and Finland. Light from the N.ly over the greater part of Russia, and from the NW.ly in the south of Italy. Subsequently veering to the NW. in the west of Norway, no important change occurring elsewhere.

Barometer highest 30·2 in: and upwards, in an anticyclone lying over and to the westward of Portugal. Lowest 29·7 in: and less, in a large shallow depression lying off the west of Norway and extending southwards over the northern parts of the North Sea; 29·9 in: and less, in another system over Corsica, Sardinia and the greater part of Italy. Norwegian depression subsequently moving eastwards: barometer rising over Western Europe generally, but beginning to fall again in the west of Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily *and* Weekly Weather Reports *may be paid, in advance, to the* Meteorological Office.

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DAILY WEATHER REPORT

for 8 a.m. on Friday 24th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29·55	61	Z	0	f	29·53	− ·08	62	59	0	SSW	4	o	*	f	*	70	59	0·04
	Hernösand ...	29·56	62	SW	6	o	29·86	+ ·26	56	49	− 13	W	6	b	*	b	*	75	56	0·35
	Stockholm ...	29·81	64	SW	4	b	29·97	+ ·24	62	57	− 15	NW	2	b	*	b	*	82	61	0·59
	Wisby	29·91	67	NW	8	b	30·00	+ ·27	62	57	− 10	NW	6	b	*	b	*	73	63	—
	Karlstad ...	29·78	69	WSW	6	b	29·95	+ ·33	61	53	− 6	SW	4	b	*	b	*	*	*	—
	Bodö	29·69	51	NW	2	o	29·74	+ ·06	50	49	− 4	NW	4	r	2	o	*	55	46	0·32
	Christiansund ...	29·77	53	W	6	c	29·90	+ ·18	51	49	− 1	WNW	5	r	3	c	*	54	50	0·16
	Skudesnaes ...	29·89	58	WNW	2	c	29·93	+ ·16	57	54	+ 1	SSE	4	r	3	c	*	59	48	*
	Færder (Christiania Fjord)	29·78	67	SW	6	b	29·96	+ ·35	60	57	− 6	WSW	4	b	3	b	*	68	59	—
	Skagen (The Scaw)	29·93	59	W	5	b	30·02	+ ·32	59	55	− 3	WSW	2	bc	0	b	*	66	52	—
	Fanö	30·01	58	W	4	bc	30·02	+ ·11	62	56	+ 1	SW	4	b	*	bc	*	66	57	—
British Islands	Sumburgh Head	29·77	51	NE	1	o	29·86	+ ·11	51	48	− 1	N	1	bc	2	c,o	*	54	44	0·22
	Stornoway ...	29·83	52	Z	0	o	29·86	+ ·08	52	51	− 1	E	3	bc	3	r.o	1·0	57	46	0·70
	Wick	29·81	55	N	1	bc	29·88	+ ·08	55	54	0	NE	2	bc	2	p,bc	*	60	45	0·30
	Nairn	29·79	56	E	2	o	29·84	+ ·04	53	52	− 3	E	2	o	1	o	*	61	48	0·29
	Aberdeen ...	29·82	54	SE	1	c	29·86	+ ·03	53	51	− 3	NE	2	o	3	c,r	9·1	61	44	0·12
	Leith	29·85	58	WSW	1	bc	29·80	− ·07	54	53	− 5	NE	3	o	*	bc	*	63	51	0·10
	Shields	29·88	58	WNW	2	o	29·77	− ·16	58	57	0	SSW	3	c	2	p,o,r	*	65	51	0·46
	Spurn Head ...	29·93	64	WNW	2	c	29·89	− ·10	65	60	+ 2	SW	4	c	3	c,r	*	69	55	—
	York	29·90	69	WNW	1	c	29·85	− ·13	58	56	− 1	S	3	o	*	c	?	70	54	0·20
	Loughborough ...	29·94	65	WSW	2	c	29·91	− ·12	63	58	+ 2	SSW	3	b	*	bc,cw	*	71	53	—
	Ardrossan ...	29·85	58	SSW	3	bc	29·79	− ·09	55	52	− 2	NE	3	cm	2	bc	*	59	51	+
	Malin Head ...	29·84	51	NE	2	c	29·81	− ·07	57	53	+ 4	NE	3	c	1	o,c	*	60	52	0·01
	Belmullet ...	29·80	59	NNE	4	bc	29·81	− ·10	58	53	+ 6	NE	3	bc	*	op,bc	*	60	51	0·08
	Donaghadee ...	29·86	55	WSW	3	r	29·80	− ·13	56	54	− 3	NE	3	o	1	r	*	59	53	0·55
	Liverpool (Bidston)	29·90	66	WNW	2	b	29·83	− ·13	59	57	− 2	SSE	1	r	2	b,r	*	68	55	0·49
	Holyhead ...	29·90	59	SSW	4	rgm	29·81	− ·16	59	59	0	SSW	3	rf	2	c,rgm	*	63	56	0·71
	Parsonstown ...	29·80	60	SW	1	o	29·78	− ·18	58	56	− 1	Z	0	o	*	or	0·3	62	55	0·48
	Valencia ...	29·82	60	SW	3	r	29·73	− ·23	59	58	− 1	SE	1	rg	3	rg	0·0	61	56	0·69
	Roche's Point ...	29·86	60	SW	5	r	29·78	− ·23	61	60	+ 2	SW	4	r	4	d,r	*	65	58	0·86
	Pembroke (St. Ann's Hd.)	29·95	64	SW	4	bc	29·86	− ·16	58	58	0	SW	6	r	5	bc	8·4	64	57	0·70
	Scilly	29·99	66	SSW	3	bc	29·86	− ·20	66	62	+ 5	SSW	5	cp	3	b,bc	8·4	69	58	0·01
	Prawle Point ...	30·00	62	S	5	c	29·94	− ·15	62	60	+ 2	SSW	5	bc	4	c,p	*	65	57	0·03
	Jersey (St. Aubin's)	30·07	66	SW	3	cv	30·01	− ·13	67	60	+ 4	SSW	5	bw	4	cv	*	68	55	—
	Hurst Castle ...	30·02	66	SW	4	c	29·98	− ·12	65	61	+ 1	SW	3	c	2	c	*	68	61	—
	Dungeness ...	30·01	64	WSW	3	bc	29·98	− ·09	63	58	0	SW	3	b	2	bc	*	69	58	—
	North Foreland	30·02	66	SW	2	c	30·00	− ·09	65	58	+ 2	SW	3	bc	2	c	*	69	55	—
	London (Brixton) ...	29·99	67	SW	2	c	29·96	− ·11	67	61	+ 3	SW	1	bc	*	bc	8·0	75	55	—
	Oxford	29·97	61	S	2	bc	29·95	− ·10	64	59	+ 1	S	1	b	*	bc,p	*	71	51	0·05
	Cambridge ...	29·97	65	SW	3	o	29·96	− ·09	61	58	0	SSW	2	b	*	bc,o	6·2	74	50	—
	Yarmouth ...	29·97	68	S	4	b	29·95	− ·08	64	59	+ 3	SW	3	b	2	b	*	70	54	—
Germany & Holland	Cuxhaven ...	30·02	65	WNW	2	b	30·04	+ ·07	57	56	− 5	S	1	b	*	b	*	66	50	—
	Berlin	30·06	68	WNW	1	b	30·07	+ ·05	65	57	+ 3	ESE	1	bc	*	b	*	73	62	—
	Wiesbaden ...	*	*	*	*	*	30·00	− ·11	63	56	+ 2	NE	2	o	*	*	*	73	59	—
	Munich	30·08	59	Z	0	r	29·97	− ·15	57	57	− 3	SE	3	r	*	r	*	63	55	1·10
	The Helder ...	30·04	66	SW	1	bc	30·00	− ·04	64	57	+ 3	S	1	b	1	bc	*	68	52	—
Belgium.	Brussels ...	*	*	*	*	*	30·01	− ·10	64	58	+ 3	WSW	1	b	*	b	*	72	53	—
	Cape Gris Nez ...	30·04	62	W	1	bc	29·99	− ·07	63	60	+ 3	W	1	b	1	bc	*	70	60	—
	Paris	30·04	68	N	1	b	30·03	− ·10	60	54	+ 2	NNW	1	b	*	b	*	71	49	—
	Brest	30·05	65	SW	1	b	29·97	− ·16	60	58	0	S	2	c	2	b	*	68	57	—
	Lorient	30·11	66	NW	5	bc	30·01	− ·15	59	55	+ 1	ESE	3	bc	2	bc	*	75	50	—
France &	Rochefort ...	30·08	68	NW	4	bc	30·04	− ·09	63	59	+ 2	ENE	2	b	*	c,bc	*	73	55	—
	Belfort	29·96	64	NE	1	m	29·95	?	57	56	− 1	Z	0	m	*	m	*	71	55	—
	Lyons	29·96	71	NW	2	c	29·98	− ·08	65	58	+ 1	N	1	b	*	c	*	78	58	—
	Nice	29·80	74	W	3	b	29·86	− ·01	70	63	− 5	Z	0	bc	1	b	*	86	64	—
	Perpignan ...	29·99	72	W	3	o	30·00	− ·07	68	61	+ 2	NW	2	o	*	o	*	78	63	0·04
	Biarritz ...	30·03	70	N	3	b	29·99	− ·14	65	60	+ 2	SE	2	c	2	b	*	72	59	—
Peninsula.	Corunna ...																*			
	Lisbon	30·05	63	NNE	5	b	30·02	− ·06	65	58	− 3	N	4	b	*	b	*	75	61	—
	Azores (P. Delgada)																*			

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 6·7 hrs; Eastbourne 8·5 hrs; Hastings (St. Leonards) 8·9 hrs.

WEATHER CHARTS

FOR FRIDAY, 24TH JULY, 1896.

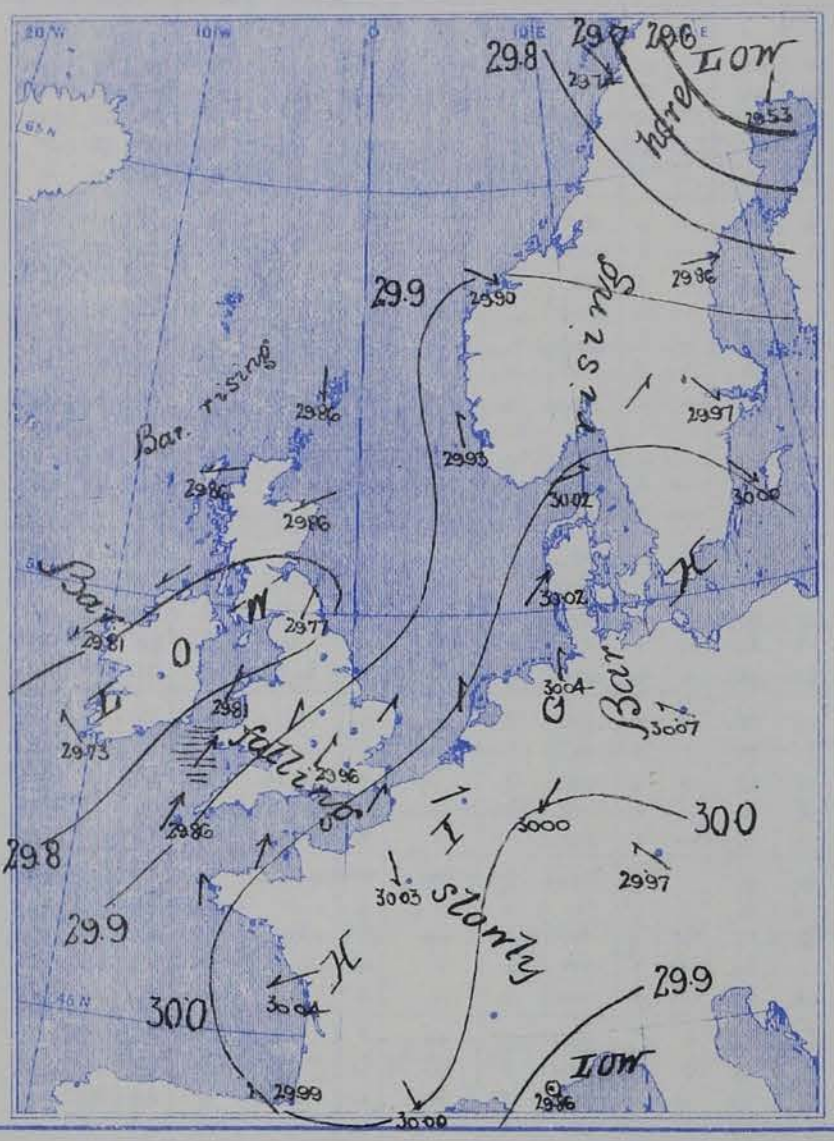
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶ ; Force 5 to 7 ⟶ ; Force 1 to 4 ⟶ ; Calm ⊙

SEA—Rough ; High

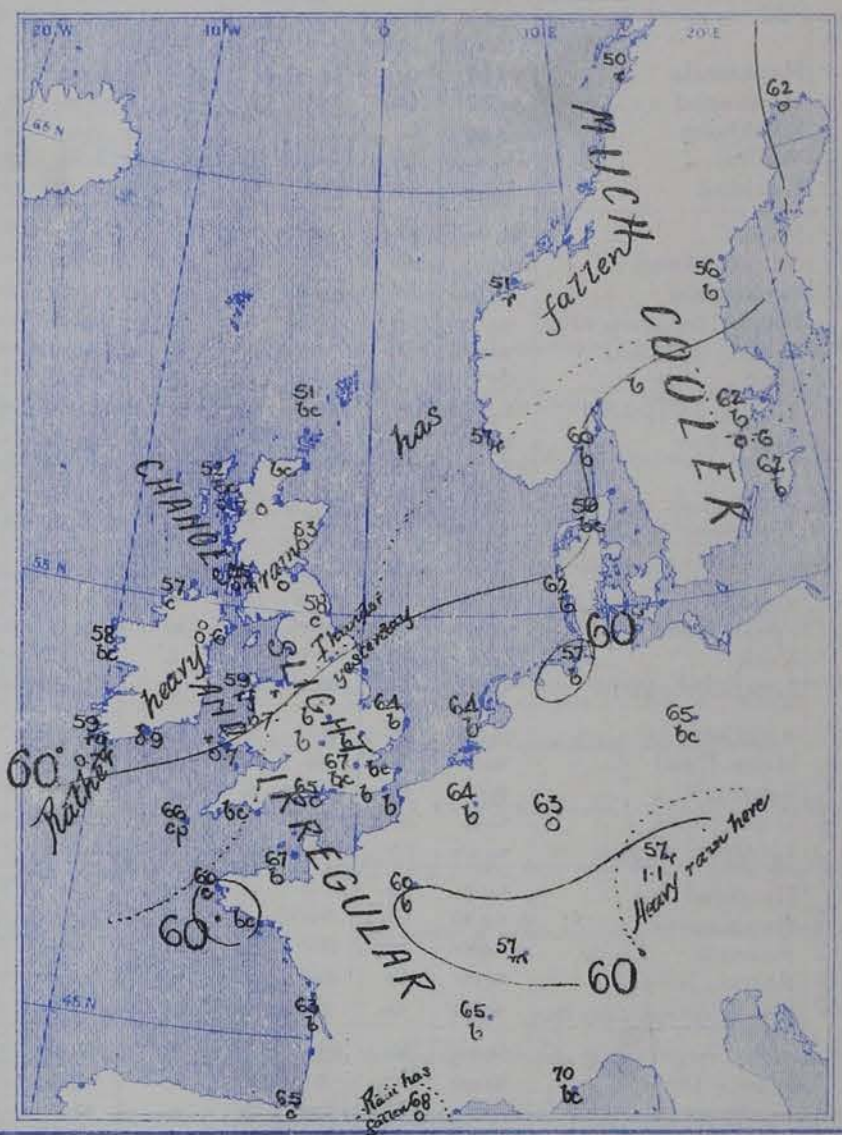


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those withow rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE

IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years	Minimum.	Years.		Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	130·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·908	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·6	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years 1881-95. † Now given for Westminster only

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.0 ins. and upwards in an irregularly formed area extending from the Baltic and the south of Sweden across Denmark, the Netherlands and the greater part of France.
Lowest 29.6 ins. and less in a depression over Lapland, 29.8 ins. and less in another system stretching from the southwestward over Ireland and the north of England.
Gradients slight. Barometer falling over Ireland, England, the Netherlands and France; rising in the north of Scotland and also over Scandinavia, Denmark and N. Germany.

TEMPERATURE — Highest 70° at Nice, 68° at Perpignan, 67° in London and at Jersey, and 66° at Scilly.
Lowest 50° at Bodö, 51° at Christiansund and Sumburgh Hd., 52° at Stornoway & 53 at Nairn & Aberdeen.
During yesterday the thermometer rose to 70° and upwards over the eastern, central and southeastern parts of England, and to 75° in London.

WIND — S. by W. or SW. by W. over England and the south of Ireland and also in Denmark and the Netherlands; light or moderate in force generally, but fresh on our SW. coasts. Light from the NE. by E. in Scotland & the N. of Ireland.
Light from the NW. by N. in central France; E. by N. or SE. by N. over the Bay of Biscay.
Moderate to strong from the W. over the greater part of Scandinavia.

WEATHER — Fine in the north of Scotland and the central and southeastern parts of England, as well as at most of the Continental stations, but rainy on the Norwegian coasts.
Dull in the west and north of our Islands as a whole, with rain in Wales & the S. of Ireland.
Considerable quantities of rain have fallen at several of our W. and NW. stations, the largest reported this morning being 0.9 in. at Roche's Pt., and 0.7 in. at Stornoway, Holyhead, Valencia and Pembroke. A solar halo was seen at Jersey yesterday.

SEA — Rather rough at Pembroke, and moderate on our SW. coasts generally, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Ireland and the north of England appears to be spreading slowly eastwards, and is likely to occasion rain in most districts, with thunder locally.

FORECASTS

For the 24 hours ending at NOON on 25TH JULY. 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NE. by N. winds, light, fair generally.
1	SCOTLAND EAST	NE. by N. winds, light; dull, unsettled, some rain.
2	ENGLAND N.E.	S. by W. to variable breezes, cloudy, some rain, thunder locally.
3	ENGLAND EAST	S. by W. winds, light or moderate, fair at first, some rain later, possibly thunder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 1.
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	S. by W. winds, fresh, unsettled, rain at times.
9	IRELAND NORTH	Same as No. 1.
10	IRELAND SOUTH	S. by W. to variable breezes, unsettled, rain at times.
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·84	58	55	WSW	6	c	3
Sumburgh Head	29·75	52	50	NNE	2	c	2
Stornoway	29·82	52	51	N	2	r	0
Aberdeen	29·82	60	55	W	1	c	1
Shields	29·88	61	57	SSW	3	o	2
Ardrossan	29·89	57	55	SSW	3	bc	2
Malin Head ...	29·88	56	51	WSW	2	o	2
Belmullet	29·83	58	56	SSE	2	op	*
Holyhead	29·94	62	59	SSW	3	c	2
Valencia	29·87	60	59	SSW	4	rg	4
Scilly	30·04	67	62	WSW	2	b	3
Jersey	30·18	66	59	SW	4	c	3
Hurst Castle ...	30·08	66	61	SW	4	c	3
Dungeness ...	30·05	67	59	SW	3	bc	2
North Foreland	30·05	68	60	S	3	bc	2
London (Westminster)	30·02	71	58	SW	3	c	*
Yarmouth ...	30·01	69	59	SW	2	b	2
Rochefort ...	30·12	78	65	NW	4	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the eastern and central parts of our Islands, as well as at most of the Continental stations, but dull over a considerable portion of Germany and the Baltic, with rain at Munich. Rain falling also at Christiansund and showers at several of our own western stations. Considerable quantities of rain falling later in the west and north of our Islands, as well as in Scandinavia and south Germany. Solar halo seen at Jersey during day.

Temperature risen a little over England, as well as in Sweden and northern Russia, fallen in most other countries. Morning readings highest (1) 84° at Constantinople, 83° at Athens, 82° at Smyrna, and 79° at Brindisi; (2) 77° at Stockholm, and 72° at Wisby. Lowest (1) 52° at Christiansund and Sumburgh Hd., and 53° at Stornoway and Malin Hd.; (2) 53° at Le Mans and Limoges. Daily maxima below 65° at most of our own western and northern stations, but thermometer exceeding 70° over the inland parts of England, and reaching 75° in London. Rising to 82° at Stockholm and 86° at Nice.

Wind light to moderate from the S.W^wd. over the greater part of Ireland and England, W^ly in Scotland and also in Norway, Denmark and N. Germany; S^ly over the Baltic, Finland and Sweden. Light from the N^wd or NW^wd over eastern Germany and also over Italy and central Russia, but W^ly in Austria. Variable over France; N^ly over the Spanish Peninsula. Subsequently becoming variable in Scotland, shifting to the N^wd or NE^wd in the north of Ireland.

Barometer highest in an anticyclone extending from the Bay of Biscay and the N. of Spain across all but the southern parts of France to south Germany. Lowest 29.6 ins. and less in a well marked depression over the central parts of Scandinavia. Depression subsequently filling up, but new disturbance appearing over the W. of Ireland, and barometer falling over the United Kingdom generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 25th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins	°				Ins.	Ins.	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	29.88	56	W	2	b	30.08	+.55	57	49	− 5	NW	2	b	*	b	*	66	50	-
	Hernösand ...	30.05	59	ENE	4	b	30.07	+.21	63	58	+ 7	S	2	bc	*	o	*	68	48	-
	Stockholm ...	30.08	65	SW	0	b	30.17	+.20	65	58	+ 3	SW	0	o	*	b	*	72	54	-
	Wisby	30.12	63	NNE	4	b	30.15	+.15	67	58	+ 5	SSE	4	0	*	b	*	68	57	-
	Karlstad ...	30.06	64	SSW	4	b	30.13	+.18	63	59	+ 2	SSW	2	b	*	b	*	*	*	-
	Bodö	29.89	50	NNW	6	r	30.06	+.32	51	47	+ 1	NNW	4	r	2	r	*	51	46	0.16
	Christiansund ...	30.00	53	NW	2	o	30.05	+.15	53	51	+ 2	NE	4	r	3	o	*	55	51	0.04
	Skudesnaes ...	29.96	57	SW	0	o	29.99	+.06	59	58	+ 2	SSE	4	rf	5	r.o	*	59	48	*
	Færder (Christiania Fjord)	30.03	64	S	4	c	30.06	+.10	67	62	+ 7	SSW	2	bc	2	c	*	67	60	-
	Skagen (The Scaw)	30.11	61	SW	0	bc	30.12	+.10	64	62	+ 5	S	1	bc	0	bc	*	66	57	0.55
	Fanö	30.06	59	SE	1	c	30.07	+.05	62	59	0	SSE	2	b	*	c	*	72	57	-
	Sumburgh Head	29.90	54	WNW	1	b	29.97	+.11	52	51	+ 1	NE	3	o	3	bcb	*	56	46	0.02
	Stornoway ...	29.92	58	E	3	o	29.94	+.08	53	50	+ 1	E	3	o	3	b.o	7.7	60	48	-
	Wick	29.96	55	NE	2	bc	29.97	+.09	54	52	− 1	E	2	c	1	bc	*	58	38	-
	Nairn	?29.90	55	E	3	bc	29.92	+.08	52	50	− 1	SW	0	o	1	bc	*	59	40	0.16
	Aberdeen ...	29.90	54	NE	2	bc	29.92	+.06	51	50	− 2	N	1	o	2	c.bc.r	3.8	55	45	0.04
	Leith	29.88	57	NE	3	o	29.83	+.03	52	52	− 2	ENE	3	r	*	o	*	58	50	0.31
	Shields	29.85	56	NE	2	tlr	29.81	+.04	57	57	− 1	ENE	2	r	2	r.tlr	*	66	54	0.83
	Spurn Head ...	29.90	63	NE	2	o	29.87	−.02	62	60	− 3	ESE	3	o	3	c,o	*	75	59	-
	York	29.88	61	S	1	o	29.82	−.03	56	55	− 2	E	1	r	*	o	0.0	68	54	0.13
	Loughborough ...	29.90	69	W	1	c	29.81	−.10	58	53	− 5	SE	2	or	*	bc,c,op	*	78	56	0.03
BRITISH ISLANDS.	Ardrossan ...	29.84	59	NE	3	c	29.74	−.05	51	51	− 4	NE	5	rm	2	crm	*	60	49	0.72
	Malin Head ...	29.84	58	NNE	4	c	29.68	−.13	53	53	− 4	ENE	7	or	3	b.c	*	60	53	0.28
	Belmullet ...	29.82	58	ENE	4	c	29.64	−.17	57	54	− 1	NNE	7	o	*	b.c	*	61	53	-
	Donaghadee ...	29.83	60	NNE	3	o	29.66	−.14	57	56	+ 1	ENE	5	r	3	o,r	*	64	54	1.18
	Liverpool (Bidston)	29.86	64	NW	2	r	29.67	−.16	57	55	− 2	ESE	5	rm	?	r	*	67	55	0.46
	Holyhead ...	29.84	59	S	2	ogrm	29.60	−.21	57	57	− 2	SE	2	gmr	1	rf.rm	*	61	55	0.52
	Parsonstown ...	29.75	59	SW	0	r	29.69	−.29	57	56	− 1	SW	0	or	*	or	0.0	60	57	1.79
	Valencia ...	29.65	63	ENE	1	op	29.54	−.19	60	58	+ 1	NNE	4	ogq	4	o.op	0.0	65	57	0.31
	Roche's Point ...	29.71	60	SSW	5	r	29.49	−.29	60	58	− 1	NNW	3	c	4	r	*	64	58	0.70
	Pembroke (St. Ann's Hd.)	29.77	56	SW	6	o	29.52	−.34	61	61	+ 3	S	5	rq	6	o,r	0.6	64	56	1.38
	Scilly	29.75	60	ESE	6	r	29.51	−.35	64	64	− 2	SSE	6	rm	4	c.r	1.8	69	57	1.15
	Prawle Point ...	29.90	61	ESE	4	c	29.70	−.24	60	59	− 2	SSE	6	r	5	c.r	*	66	56	0.80
	Jersey (St. Aubin's)	29.93	71	ESE	1	cq	29.82	−.19	65	59	− 2	SE	6	ogru	5	b,cq	*	76	64	0.01
	Hurst Castle ...	29.95	66	SSE	2	b	29.81	−.17	67	62	+ 2	SSW	4	o	2	bc,b	*	71	61	-
	Dungeness ...	29.96	64	SW	3	bc	29.88	−.10	65	61	+ 2	SSE	4	o	3	b,bc	*	68	60	-
	North Foreland	29.97	67	S	2	bc	29.91	−.09	67	61	+ 2	SSE	2	bc	2	bc	*	69	59	-
	London (Brixton) ...	29.93	71	S	2	bc	29.82	−.14	70	60	+ 3	SE	2	c	*	bc,b,bc	7.0	75	56	-
	Oxford	29.91	65	S	2	bc	29.79	−.16	62	59	− 2	SE	2	op	*	bc,o	*	75	57	0.03
	Cambridge ...	29.92	71	S	1	o	29.84	−.12	67	60	+ 6	SE	4	o	*	bc,o	9.8	81	54	-
	Yarmouth ...	29.94	66	SSE	3	b	29.91	−.04	65	61	+ 1	SSE	3	b	2	b	*	67	59	-
GERMANY & HOLLAND.	Cuxhaven ...	29.99	67	E	3	c	30.03	−.01	60	60	+ 3	S	3	b	*	c	*	68	55	-
	Berlin	30.04	59	NNW	2	r	30.08	+.01	56	56	− 9	NW	2	r	*	r	*	70	55	0.55
	Wiesbaden ...	*	*	*	*	*	30.08	+.08	59	55	− 4	W	0	b	*	*	*	70	52	-
	Munich	30.06	56	W	3	o	30.12	+.15	58	55	+ 1	E	1	b	*	o	*	61	52	0.04
	The Helder ...	30.00	68	W	0	b	29.98	−.02	67	60	+ 3	SSE	1	b	1	b	*	68	61	-
FRANCE & BELGIUM.	Brussels ...	*	*	*	*	*	30.00	−.01	66	64	+ 2	SSE	2	b	*	b	*	76	55	-
	Cape Gris Nez ...	29.98	59	W	1	bc	29.92	−.07	66	58	+ 3	SSE	3	bc	2	bc	*	68	57	-
	Paris	30.02	72	NE	1	b	30.02	−.01	63	56	+ 3	SE	1	b	*	b	*	77	50	-
	Brest	29.88	63	S	3	o	29.71	−.26	62	62	+ 2	S	5	r	4	o	*	66	59	0.20
	Lorient	29.95	59	SSE	4	o	29.92	−.09	59	54	0	S	4	o	2	o	*	70	52	0.04
	Rochefort ...	30.00	72	NW	3	b	29.93	−.11	65	61	+ 2	SE	4	b	*	b	*	79	59	-
	Belfort	29.96	62	ENE	2	m	?	?	58	57	+ 1	?	3	m	*	m	*	72	53	-
	Lyons	29.95	73	NE	1	b	29.99	+.01	62	56	− 3	SE	1	b	*	b	*	79	56	-
	Nice	29.80	76	SE	1	b	29.93	+.07	72	62	+ 2	W	0	bc	0	b	*	84	64	-
	Perpignan ...	29.93	76	E	2	b	29.98	−.02	70	63	+ 2	W	0	b	*	b	*	86	59	-
	Biarritz ...	29.94	71	NNE	4	b	29.87	−.12	66	65	+ 1	W	0	b	1	b	*	75	61	-
PENINSULA.	Corunna ...																*			
	Lisbon	29.98	66	NNW	2	b	29.98	−.04	69	69	+ 2	NNW	3	o	*	b	*	81	68	-
	Azores (P. Delgada)	30.08	72	NW	1	b	30.05	+.03	70	66	+ 5	NNE	4	bc	4	b	*	77	65	0.08

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.0 hrs; Eastbourne 12.0 hrs; Hastings (St. Leonards 13.0 hrs.

WEATHER CHARTS

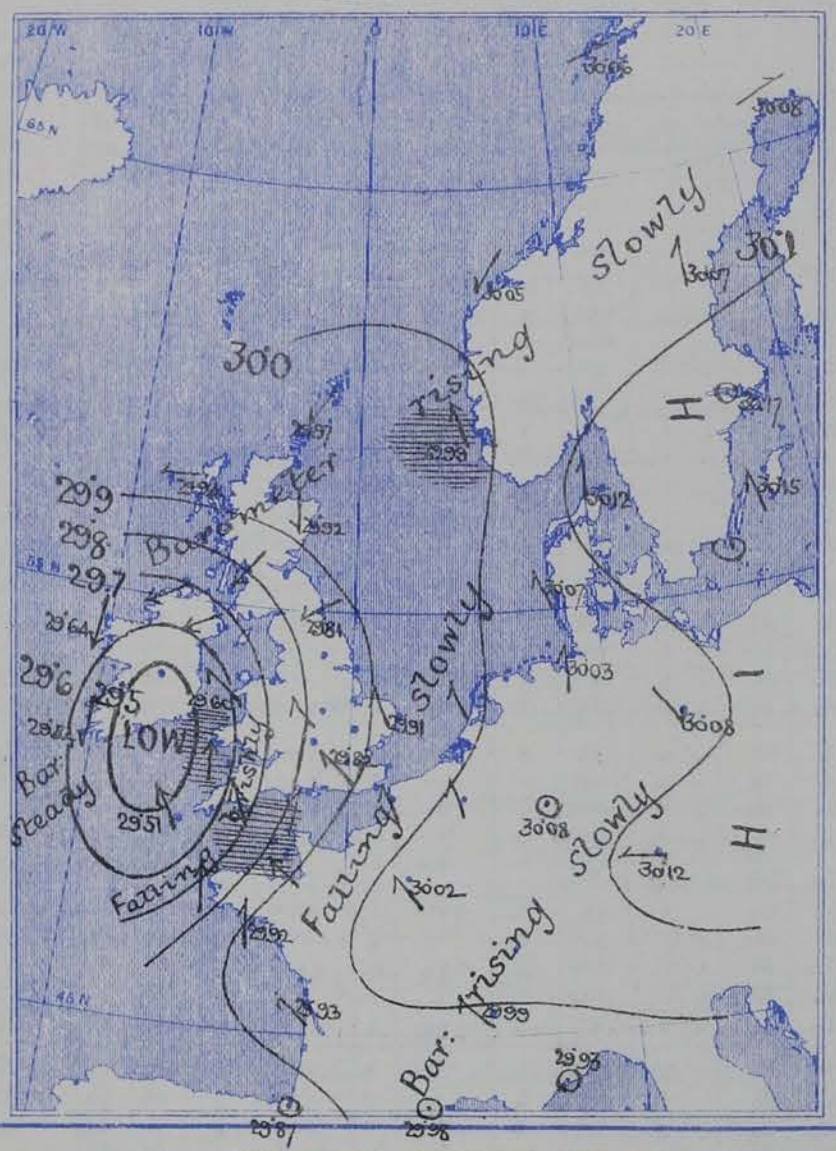
FOR *Saturday, 25th July,* 1896.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

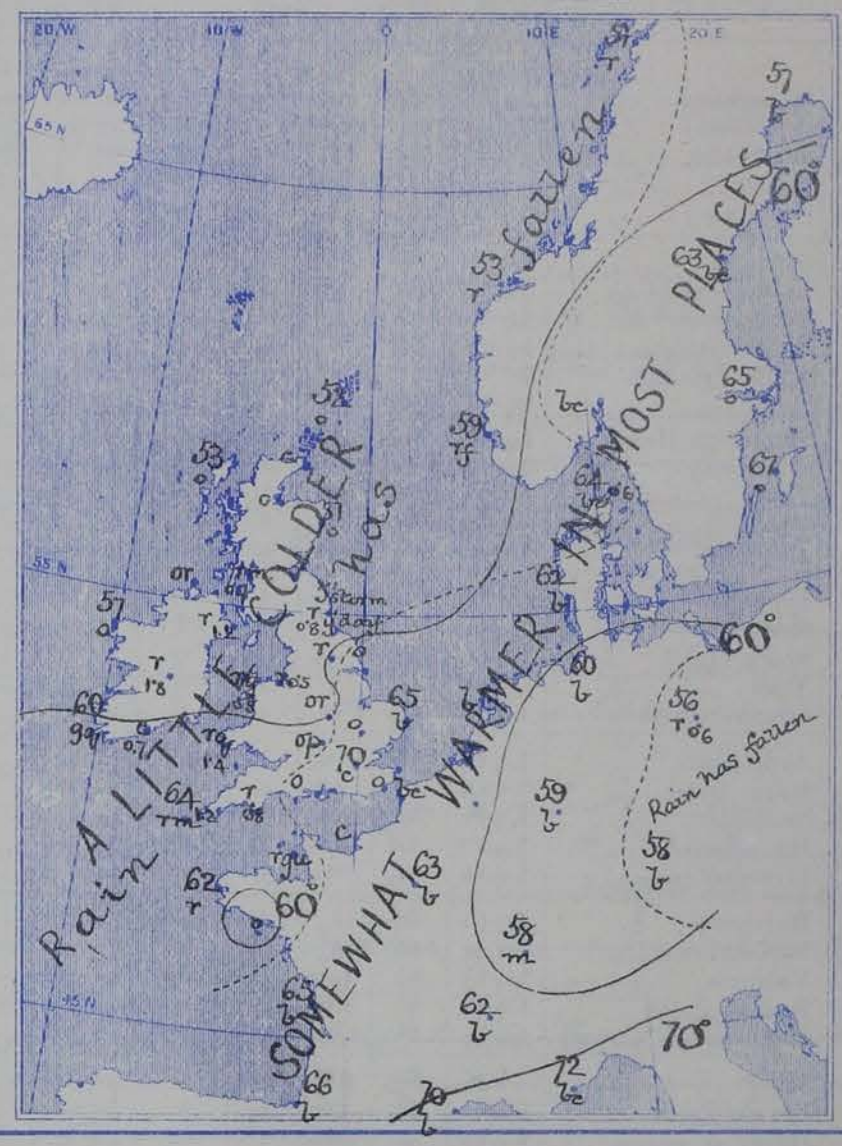
Force above 10 ⟶ : *Force 5 to 7* ⟶ : } Calm ⊙
Force 8 to 10 ⟶ . *Force 1 to 4* ⟶ : }

SEA—*Rough* ▭ : *High* ▬



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.
RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins. and upwards, over Eastern Germany, the Baltic, and the south of Sweden.
Lowest, 29·5 ins. and less, in a well marked depression lying over the southern parts of Ireland and the St. Georges Channel.
Gradients moderate or rather steep over the western parts of our Islands, but slight elsewhere.
Barometer falling in most parts of the United Kingdom and France, — briskly at some of our western stations, but steady at Valencia (Ireland).

TEMPERATURE

Highest, (1) 72° at Nice and 70° at Perpignan; (2) 70° in London, and 67° at Cambridge, Hunt Castle, the Nath. Foreland, and Borkum; (3) 57° at Wick.
Lowest, 51° at Bodia, Aberdeen, and Ardrossan, 52° at Lerwick, Hd., Nairn and Leith, and 53° at Stornoway and Malin Hd.
During yesterday the thermometer rose to 75° and upwards in many parts of England, to 78° at Loughborough and to 81° at Cambridge.

WIND

S. or SE. over England, the Netherlands, Denmark, the south of Norway and the greater part of France; strong in force at the mouth of the English and Bristol Channels.
NE. over the northern part of our Islands generally, and strong in force in the north of Ireland.
Calm in the south of France; variable in Germany; W. or SW. in the north of Scandinavia.

WEATHER

Dull in all but the extreme southeastern parts of our Islands, with rain at many of our western and northern stations.
Fine over the western parts of the Continent generally, but rainy in the west of Norway and also at Berlin.
Heavy rain has fallen in the west of our Islands, the largest amounts being 1·8 ins. at Valentown, 1·4 ins. at Pembroke, and 1·2 ins. at Donaghadee and Sally. A thunderstorm, with heavy rain, occurred yesterday at Shields. Lunar halos were seen last night in London and at Dunglenese.

SEA

Rough at Pembroke and rather rough in the western part of the English Channel, as well as at Skudenaes.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west seems likely to move slowly northwards. Unsettled weather is probable over the United Kingdom generally, with further heavy falls of rain at some of our western and northern stations.

FORECASTS

For the 24 hours ending at NOON on 26th JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. winds, freshening; dull, unsettled, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	E. and SE. winds, freshening; dull, rainy.
3	ENGLAND EAST	S. winds, freshening considerably; dull, some rain possibly thunder.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E. winds, strong; dull, rainy.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. to SW. winds, strong; dull and rainy at first, some improvement later
9	IRELAND NORTH	NE. to N. strong winds and gales; dull, rainy.
10	IRELAND SOUTH	N. to NW. winds, freshening; squally, showery.
	WARNINGS	At 10·10 am to district 9 "HOIST NORTH CONE"

Note. The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.95	57	56	S	2	r	2	Valencia	29.70	65	62	E SE	11	o	2
Sumburgh Head	29.89	53	49	WNW	1	bc	2	Scilly	29.82	67	63	S	5	c	4
Stornoway	29.91	60	54	E	3	b	3	Jersey	29.97	72	62	SE	3	b	3
Aberdeen	29.87	54	50	NE	3	c	2	Hurst Castle ...	29.98	72	64	SW	2	bc	2
Shields	29.81	62	61	SSW	3	or	2	Dungeness ...	29.97	67	62	SW	3	b	3
Ardrossan	29.83	60	57	NE	3	c	2	North Foreland	29.97	68	61	S	4	bc	3
Malin Head ...	29.84	60	56	NNE	3	b	2	London (Westminster)	29.93	71	61	S SW	2	c	*
Belmullet	29.82	60	52	NE	3	b	*	Yarmouth ...	29.95	66	61	S SE	4	b	3
Holyhead	29.84	59	59	SSW	5	gr	3	Rochefort ...	30.02	79	68	NW	3	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine in the north of Scotland and the central and southeastern parts of England, as well as in most of the Continental countries, but raining in the west of Norway, and also in some parts of Poland, Austria, South Germany, and the north of Spain. Dull in the west and north of our Islands, with rain in Wales and the south of Ireland. Heavy rain falling later at many of our western stations, and also in the extreme north of England with a thunderstorm at Shields. Considerable quantities fallen in some parts of Denmark and north Germany. Lunar halos seen in the southeast of England.

Temperature changed very irregularly in most countries, but fallen several degrees in Sweden; morning readings highest, 82° at Sfax, 80° at La Calle, and 79° at Tuzla and Sanguinaire; above 70° at the Mediterranean and Adriatic stations generally, and very little below it at some of the southern stations in England. Lowest 50° at Bodo, 51° at Christiansund and Sumburgh Hd, and 52° at Stornoway. Daily maxima below 60° at most of the Scotch stations, but thermometer reaching 75° or more in several parts of England, and touching 81° at Cambridge, Reaching 84° at Nice and 86° at Perpignan.

Wind light to fresh from the S. or SW. over England, the Netherlands and Denmark; light from the NE. over Scotland and the north of Ireland. Moderate to strong from the W. (SW. to NW) over Scandinavia and Finland; NW. or N. over the Baltic and Eastern Germany; calm or variable over Austria and the south of Russia. Variable over Italy and the Spanish Peninsula; E. or SE. in the west of France. No important change occurring over Western Europe during day

Barometer highest 30·0 in: and upwards, in an irregularly formed area extending from the Baltic and the south of Sweden across Denmark, Germany, the Netherlands, and the greater part of France. Lowest 29·6 in: and less, in a well marked depression over Lapland; 29·8 in: and less, in another system stretching from the SW. over Ireland, and also in a small disturbance over the northeast of Great Britain. New depression approaching our southwest coasts later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 26TH JULY, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·10	52	Z	0	bc	30·17	+·09	59	55	+ 2	Z	0	bc	*	bc	*	59	46	0·04
	Hernösand ...	30·11	63	S	2	b	30·15	+·08	64	59	+ 1	SW	2	b	*	b	*	70	50	—
	Stockholm ...	30·15	65	Z	0	0	30·08	—·09	66	57	+ 1	NE	4	0	*	0	*	72	55	—
	Wisby	30·10	63	NE	4	0	29·99	—·16	68	65	+ 1	NE	4	c	*	0	*	70	57	0·04
	Karlstad ...	30·12	66	Z	0	b	30·11	—·02	64	59	+ 1	NE	2	b	*	b	*	*	*	—
	Bodö	30·13	53	NW	2	b	30·21	+·15	53	48	+ 2	Z	0	b	1	b	*	59	46	0·04
	Christiansund ...	30·11	55	NNE	5	c	30·06	+·01	57	54	+ 4	ESE	4	0	3	c	*	59	50	—
	Skudesnaes ...	30·02	63	SSE	4	c	29·97	—·02	63	59	+ 4	SSE	6	0	3	c	*	63	50	*
	Færder (Christiania Fjord)	30·10	68	Z	0	b	30·10	+·04	66	60	— 1	ENE	1	b	1	b	*	70	63	—
	Skagen (The Scaw)	30·11	67	E	1	b	30·08	—·04	66	62	+ 2	SE	2	b	0	b	*	79	55	—
	Fanö	30·03	63	SE	2	b	30·00	—·07	63	58	+ 1	SE	3	b	*	b	*	79	57	—
British Isl.	Sumburgh Head	29·90	54	ENE	4	0	29·55	—·42	59	57	+ 7	ESE	4	c	6	0	*	59	50	0·70
	Stornoway ...	29·76	53	E	4	r	29·41	—·53	56	56	+ 3	ENE	3	o2	3	or	3·5	58	50	0·85
	Wick	29·70	54	E	5	r	29·59	—·38	59	58	+ 5	SSE	5	c	5	r	*	59	52	1·09
	Nairn	29·60	56	ENE	2	r	29·43	—·49	63	59	+ 11	W	1	bc	1	r	*	64	49	0·74
	Aberdeen ...	29·66	54	E	9	0	29·55	—·37	60	57	+ 9	S	2	c	3	omr	0·0	61	51	1·01
	Leith	29·52	58	E	1	0	29·55	—·28	59	56	+ 7	SW	1	0	*	r,0	*	62	51	0·51
	Shields	29·62	60	SSE	4	0	29·62	—·19	65	61	+ 8	S	3	c	2	r,0	*	65	54	0·39
	Spurn Head ...	29·71	66	SE	4	0	29·70	—·17	66	63	+ 4	SSE	3	op	3	0	*	70	60	0·01
	York	29·68	63	SSE	3	0	29·66	—·16	64	61	+ 8	S	3	bc	*	0	?	66	55	0·15
	Loughborough ...	29·69	63	S	4	0	29·71	—·10	64	61	+ 6	S	2	c	*	op,0,c	*	67	58	0·17
	Ardrossan ...	29·44	59	NE	2	rm	29·54	—·20	56	56	+ 5	S	5	omr	4	rm	*	59	50	0·71
	Malin Head ...	29·48	53	N	7	omr	29·57	—·11	54	54	+ 1	W	7	orq	5	[illegible]	*	59	52	1·46
	Belmullet ...	29·60	55	N	7	0	29·79	+·15	56	52	— 1	N	4	bc	*	0	*	57	54	0·18
	Donaghadee ...	29·43	62	SSW	3	c	29·63	—·03	58	57	+ 1	W	5	c	3	r,c	*	60	54	0·65
	Liverpool (Bidston)	29·55	63	SE	4	0	29·68	+·01	59	56	+ 2	W	2	0	2	0	*	64	56	0·34
	Holyhead ...	29·49	60	SW	6	opm	29·69	+·09	57	56	0	W	4	c	3	opm, gp	*	63	54	0·71
	Parsonstown ...	29·50	58	Z	0	r	29·74	+·25	55	53	— 2	W	2	0	*	r	0·0	61	53	0·13
	Valencia ...	29·52	58	N	6	omr	29·84	+·30	57	53	— 3	N	5	op	4	a om	1·4	63	53	0·11
	Roche's Point ...	29·54	63	NNW	3	c	29·78	+·29	57	55	— 3	NNW	3	c	4	c	*	65	54	—
	Pembroke (St. Ann's Hd.)	29·53	62	W	4	b	29·73	+·21	56	54	— 5	NW	4	0	4	c,b	2·8	63	57	0·29
	Scilly	29·63	65	SSW	4	cp	29·73	+·22	63	60	— 1	WNW	3	cp	3	c,cp.	6·1	68	58	0·02
	Prawle Point ...	29·69	62	SSW	6	c	29·75	+·05	61	59	+ 1	WSW	4	c	3	cp	*	63	63	0·12
	Jersey (St. Aubin's)	29·76	70	W	6	c	29·81	—·01	65	63	0	SSW	4	0	?	p,cg	*	51	?	0·04
	Hurst Castle ...	29·74	67	SW	3	c	29·77	—·04	64	62	— 3	SSW	4	cm	3	op,c	*	68	63	0·11
	Dungeness ...	29·77	70	SSE	2	c	29·79	—·09	64	63	— 1	SSW	3	c	2	bc,c	*	74	61	—
	North Foreland	29·79	70	SSE	2	c	29·78	—·13	67	62	0	SE	1	0	2	c,b	*	77	62	—
	London (Brixton) ...	29·73	75	S	2	0	29·75	—·07	68	62	— 2	S	1	c	*	c,op	2·0	80	60	—
	Oxford	29·72	64	S	2	c	29·73	—·06	65	61	+ 3	S	4	bc	*	op,c	*	69	59	0·07
	Cambridge ...	29·72	74	S	2	0	29·74	—·10	66	61	— 1	SSW	2	0	*	0	0·3	79	58	0·03
	Yarmouth ...	29·80	67	SSE	4	c	29·75	—·16	69	62	+ 4	SSW	3	b	3	b,c	*	69	63	—
Germany & Holland.	Cuxhaven ...	30·00	70	S	2	bc	29·99	—·04	59	59	— 1	SE	2	b	*	bc	*	73	54	—
	Berlin	30·06	59	WNW	1	r	30·04	—·04	62	58	+ 6	WNW	1	bc	*	r	*	61	56	0·16
	Wiesbaden ...	*	*	*	*	*	30·00	—·08	64	61	+ 5	SE	1	b	*	*	*	73	55	—
	Munich	30·10	59	NE	4	b	30·11	—·01	63	60	+ 5	W	31	bc	*	b	*	66	50	[illegible]
	The Helder ...	29·89	72	ESE	?	?	29·82	—·16	71	64	+ 4	ESE	2	bc	1		*	75	64	—
Belgium.	Brussels ...	*	*	*	*	*	29·83	—·17	75	63	+ 9	SSE	4	0	*	b	*	80	64	—
	Cape Gris Nez ...	29·83	71	SW	1	c	29·79	—·13	65	62	— 1	SW	1	r	1	c	*	75	63	—
	Paris	29·85	81	SSE	3	b	29·90	—·12	61	59	— 2	ENE	2	0	*	b	*	85	60	0·04
	Brest	29·73	64	S	9	c	29·80	+·09	61	60	— 1	SW	2	0	4	c	*	66	59	0·20
	Lorient ...	29·79	66	SW	5	c	29·82	—·10	64	64	+ 5	SW	4	c	3	c	*	70	55	0·16
France &	Rochefort ...	29·87	72	NW	4	b	29·96	+·03	68	67	+ 3	WSW	3	c	*	b	*	90	63	—
	Belfort	29·91	71	NE	2	m	29·96	?	66	61	+ 8	E	1	b	*	m	*	76	57	—
	Lyons	29·89	82	E	1	b	29·94	—·05	74	63	+ 12	SW	1	bc	*	t,b	*	90	?	—
	Nice	29·97	72	Z	0	b	29·97	+·04	70	65	— 2	Z	0	b	0	b	*	82	63	—
	Perpignan ...	29·91	75	NE	3	b	29·97	—·01	70	69	0	E	1	m	*	b	*	80	66	—
	Biarritz ...	29·86	72	W	5	c	29·93	+·06	68	65	+ 2	SSW	2	c	2	c	*	90	66	—
Penin-sula.	Corunna ...	29·88	68	SW	3	c	30·00	+·08	67	64	+ 1	WSW	5	bc	2	c	*	68	59	0·04
	Lisbon	29·99	68	NW	4	b	30·06	+·08	70	65	+ 3	SSW	3	c	*	b	*	81	64	—
	Azores (P. Delgada)	30·19	69	NNE	4	bc	30·23	+·18	70	65	0	NNW	3	bc	2	bc	*	73	66	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·4 *hrs;* Eastbourne 3·3 *hrs.* Hastings (St Leonards) 4·9 hrs.

WEATHER CHARTS

FOR ..... SUNDAY, 26TH JULY, ... 1896.

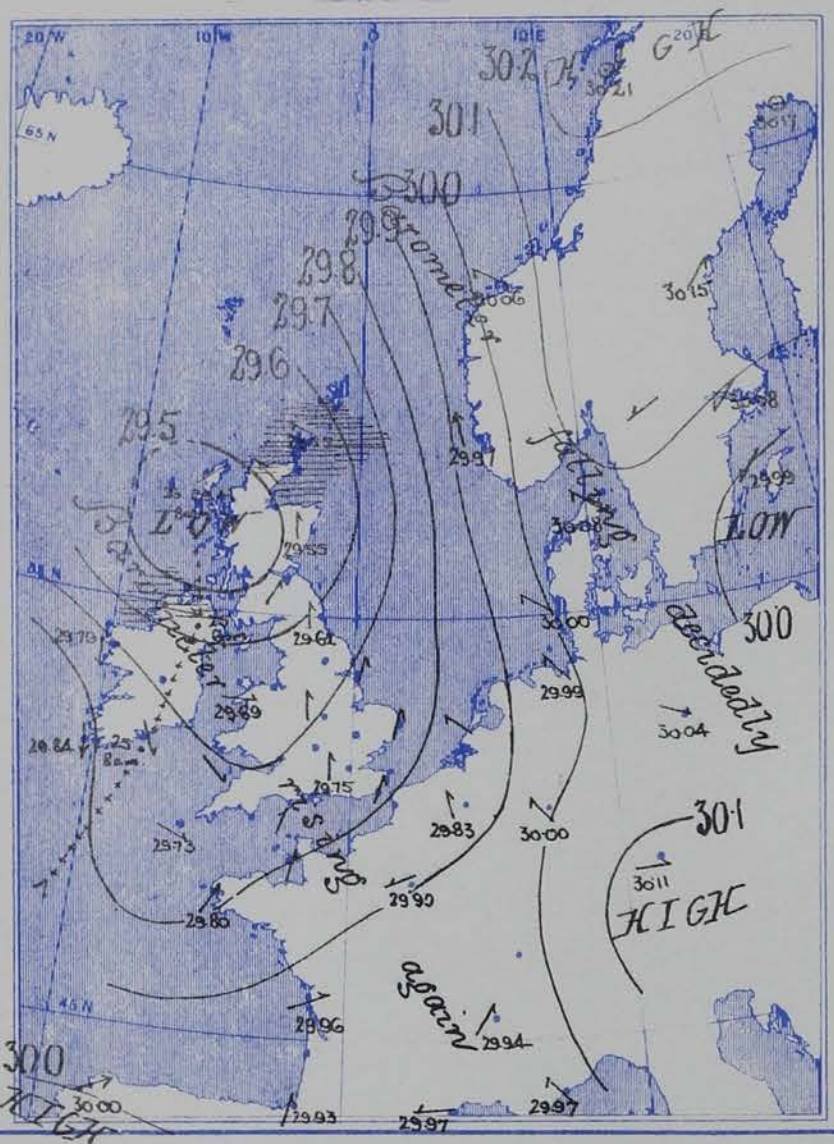
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟫⟶ ; *Force 1 to 4* ⟶ ; } Calm ⊙

SEA—*Rough* ▤ ; *High* ▩

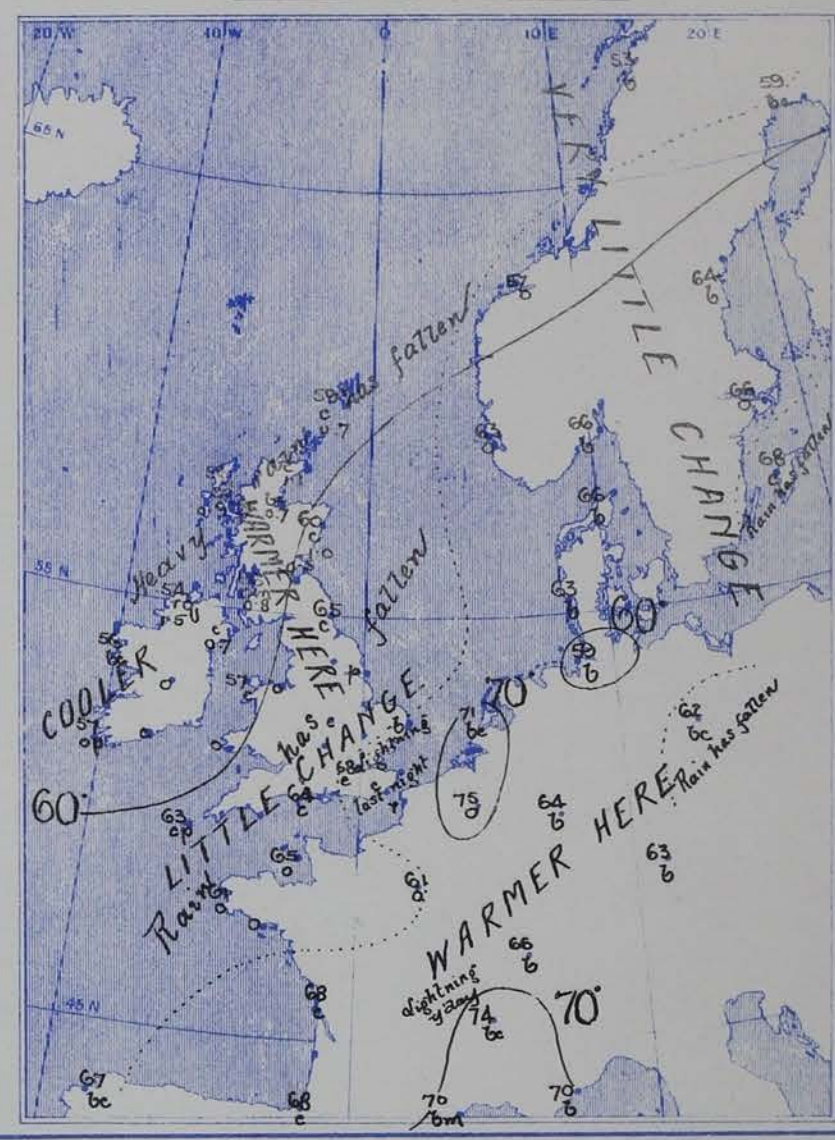


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—*A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus* 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE
IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·908	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards over the northwest of Norway, 30·0 in: and upwards over the Spanish Peninsula.
Lowest, 29·4 in: and low, in a well-marked depression lying a little to the southward of Skye.
Gradients moderate to rather steep over the northern parts of our Islands and the North Sea, but slight elsewhere.
Barometer rising over France and the eastern parts of the United Kingdom, as well as in the north of Scandinavia, but falling elsewhere.

TEMPERATURE

Highest (1) 75° at Brussels, 71° at the Helder, 69° at Yarmouth, and 68° in London and at Stockholm; (2) 74° at Dijon, and 70° at Nice, Perpignan, Turin, Lowest, 53° at Bodø, 54° at Malin Hd, 55° at Valentia, and 56° at Stornoway, Aberdeen, Belmullet, and Dunbeath.
During yesterday the thermometer rose to 75° and upwards in the east and southeast of England and to 80° in London; on our extreme north and northwest coasts it did not reach 60°

WIND

Moderate to fresh from the NW. on our extreme west and southwest coasts and from the W. in the northwest.
Light to moderate from the SW. over the Channel and Bay of Biscay, from the S. on the east coast of Great Britain, and from the SE. on the eastern shores of the North Sea.
NE. in the south of Sweden; light from the W. in Germany, but from the E. over the central and southern parts of France.

WEATHER

Cloudy or dull over our Islands and the neighbouring parts of the Continent, with steady rain on our extreme northwest coasts and with fair at most of the Scandinavian stations, as well as in Denmark, Germany, and the east and south of France.
Since yesterday morning rain has fallen in all but the southeastern part of the United Kingdom; the largest amounts being 1·5 in: at Malin Hd, 1·1 in: at Wick, and 1·0 in: at Aberdeen. Lightning was seen at night at the North Foreland.

SEA

Rough or rather so on our extreme north and northwest coasts, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 27th JULY, 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
▼ 0 SCOTLAND NORTH	None issued	6 SCOTLAND WEST	None issued.
1 SCOTLAND EAST		7 ENGLAND N.W.	
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST		▼ 9 IRELAND NORTH	
4 MIDLAND COUNTIES		10 IRELAND SOUTH	
5 ENGLAND SOUTH		WARNINGS	At 10·10 am yesterday to district 9, and at 7 pm to district 0. HOIST NORTH CONE.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·03	62	56	S	6	o	6
Sumburgh Head	29·95	55	54	ENE	3	o	4
Stornoway	29·85	51	53	E	3	o	3
Aberdeen	29·80	55	55	E	3	ome	2
Shields	29·70	58	58	ESE	4	r	3
Ardrossan	29·54	57	56	NE	2	r	1
Malin Head ...	29·53	53	53	NE	7	o	4
Belmullet	29·59	56	54	NE	7	o	*
Holyhead	29·48	62	62	S	5	omp	4
Valencia	29·56	61	55	N	4	o	4
Scilly	29·54	69	64	SSW	7	c	4
Jersey	29·76	78	63	SSW	5	c	5
Hurst Castle ...	29·72	67	63	SE	4	op	2
Dungeness ...	29·83	72	65	SSE	3	bc	2
North Foreland	29·84	76	62	S	3	bc	2
London (Westminster)	29·78	74	61	S	4	op	*
Yarmouth ...	29·84	69	64	SSE	4	b	3
Rochefort ...	29·89	87	75	SW	3	b	*

GENERAL REMARKS ON THE WEATHFT OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning dull in all but the southeastern parts of our Islands, with rain at many of our western and northern stations and also in the west of Norway. Fine in most of the Continental countries, but dull and raining over the eastern parts of Germany. Heavy rain falling later over the northern half of the United Kingdom (1·1 in. at Wick and 1·5 in. at Malin Head) and smaller quantities in the northern parts of France and Germany. Lightning seen at the North Foreland at night.

Temperature fallen a little in our Islands, risen in Scandinavia, changed irregularly elsewhere. Morning readings 85° at Sfax, 83° at Tunis, 80° at Sanguinaire, and 79° at Athens; above 70° in many parts of Southern and Eastern Europe. Lowest 51° at Bodö Aberdeen and Ardrossan, and 52° at Sumburgh Hd, Nairn and Leith. Daily maxima below 60° on our extreme north and northwest coasts, but thermometer exceeding 75° at several of our eastern and southeastern stations, and reaching 80° in London. Exceeding 80° in many parts of France, and reaching 90° at Lyons and Biarritz.

Wind S³ or SE³ over England and the neighbouring parts of the Continent, and strong in force on our southwest coasts. Light from the NE^ly in Scotland, and strong from the same quarter in the north of Ireland; moderate from the N^ly in the south of Ireland. W³ in the north of Scandinavia, NW³ or N³ over the greater part of Russia and Austria; light and variable over southern Europe generally. Subsequently increasing to a gale from the E^ly in the north of Scotland, shifting to the W^ly in the west of France; no important change occurring elsewhere.

Barometer 30·1 in. and upwards in an anticyclone lying over Ireland, the Baltic Provinces, and the south of Sweden. Lowest 29·5 in. and less, in a well marked depression over the southern part of Ireland and the St. George's Channel. Depression subsequently moving steadily in a north-northeasterly direction, and barometer rising again on our southwest coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Monday, 27th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
SCANDINAVIA.	Haparanda ...	30·16	67	S	0	b	30·22	+·05	65	55	+ 6	E	2	b	*	b	*	68	48	-
	Hernösand ...	30·14	61	NE	4	f	30·05	-·10	64	59	0	NE	4	0	*	f	*	77	54	-
	Stockholm ...	30·02	65	ENE	2	r	29·95	-·13	68	65	+ 2	SSW	2	0	*	r	*	68	59	-
	Wisby	29·97	66	SE	4	0	29·97	-·02	67	62	- 1	SSW	4	r	*	0	*	72	59	-
	Karlstad ...	29·99	65	ENE	2	0	29·89	-·22	65	64	+ 1	SSE	2	0	*	r 0	*	*	*	0·47
	Bodö	30·10	57	E	2	b	30·08	-·13	68	59	+ 15	E	4	b	2	b	*	?	48	-
	Christiansund ...	29·93	64	ENE	5	b	29·81	-·25	64	58	+ 7	ESE	5	b	2	b	*	66	55	-
	Skudesnaes ...	29·86	63	SSE	4	0	29·71	-·26	64	60	+ 1	ESE	2	0	3	c 0	*	67	61	+
	Færder (Christiania Fjord)	29·97	69	SE	3	0	29·88	-·22	64	62	- 2	ENE	2	0	2	0	*	70	63	-
	Skagen (The Scaw)	29·96	64	NE	1	c	29·86	-·22	67	64	+ 1	SSE	3	b	0	c	*	73	61	-
	Fanö	29·80	64	SE	4	b	29·75	-·25	65	61	+ 2	SW	6	c	*	b	*	79	63	0·08
	Sumburgh Head	29·56	59	SE	4	c	29·66	+·11	53	53	- 6	NW	3	0	5	c	*	61	51	-
	Stornoway ...	29·57	51	N	5	rq	29·88	+·47	51	48	- 5	N	4	0	4	o2m.rq	0·0	57	47	0·32
	Wick	29·53	58	NW	2	bc	29·76	+·17	51	50	- 8	NW	6	ou	3	bc	*	65	48	0·02
	Nairn	29·49	64	S	0	c	29·81	+·38	52	49	- 11	NNW	1	c	2	c	*	69	48	0·08
	Aberdeen ...	29·56	60	S	2	c	29·73	+·18	51	49	- 9	NW	9	ogqp	5	b.c	9·6	64	50	0·01
	Leith	29·61	61	WSW	3	0	29·79	+·24	54	50	- 5	W	1	0	*	0	*	67	50	0·01
	Shields	29·65	64	WSW	3	0	29·79	+·17	52	52	- 13	W	2	d	2	0	*	69	50	0·01
	Spurn Head ...	29·65	61	NNW	3	op	29·80	+·18	58	55	- 8	WSW	5	c	4	ep.tlr	*	70	52	1·28
	York	29·67	62	W	1	op	29·82	+·16	57	52	- 7	W	3	bc	*	op	3·2	70	50	0·12
	Loughborough ...	29·70	58	NW	1	r	29·92	+·21	57	52	- 7	W	3	bc	*	p.tlr.b	*	70	50	0·63
BRITISH ISLANDS.	Ardrossan ...	29·66	57	W	5	c	29·86	+·32	57	51	+ 1	NW	6	b	4	c	*	59	51	0·01
	Malin Head ...	29·74	54	NW	7	opq	29·95	+·38	54	52	0	NW	6	c	4	oqp	*	54	52	0·10
	Belmullet ...	29·88	56	NNW	4	b	30·06	+·27	57	51	+ 1	NNW	2	bc	*	bc.b	*	58	51	-
	Donaghadee ...	29·75	56	NNW	4	b	29·95	+·32	56	51	- 2	NNW	5	c	3	c	*	61	49	0·02
	Liverpool (Bidston)	29·72	58	W	3	0	29·89	+·21	56	50	- 3	W	6	0	4	bc.p	*	63	53	0·23
	Holyhead ...	29·77	63	NW	3	c	29·96	+·27	57	54	0	NW	5	bop	4	c	*	63	52	0·02
	Parsonstown ...	29·85	59	NNW	2	c	30·06	+·32	54	50	- 1	NW	2	c	*	r.c	3.9	62	47	0·07
	Valencia ...	29·94	59	WNW	4	bcq	30·11	+·27	58	52	+ 1	N	2	bc	3	bcqq	6.1	60	49	0·01
	Roche's Point ...	29·87	61	NNW	5	b	30·08	+·30	56	52	- 1	NNW	3	b	3	p.b	*	64	55	-
	Pembroke (St. Ann's Hd.)	29·80	56	NNW	3	bc	30·03	+·30	57	52	+ 1	NNW	4	bc	4	bc	6·8	61	53	-
	Scilly	29·85	59	NNW	4	cp	30·03	+·30	61	56	- 2	N	3	bc	2	cp	5·7	65	56	0·18
	Prawle Point ...	29·80	64	WSW	4	c	30·00	+·25	62	58	+ 1	SSW	2	c	1	c	*	67	51	-
	Jersey (St. Aubin's)	29·83	64	W	5	b	30·02	+·21	62	57	- 3	WNW	4	0	4	o,tlr,b	*	69	57	0·23
	Hurst Castle ...	29·76	63	SW	4	cp	29·99	+·22	62	57	- 2	WSW	1	bc	1	p.c	*	67	52	0·23
	Dungeness ...	29·70	61	WSW	4	0	29·95	+·16	62	57	- 2	WNW	2	bc	1	o,tlr	*	68	52	0·15
	North Foreland ...	29·70	62	SW	2	cqp	29·95	+·17	62	55	- 5	W	3	bc	2	c.cqp	*	69	53	0·01
	London (Brixton) ...	29·71	59	SW	2	0	29·98	+·23	60	56	- 8	W	2	bc	*	c.tlr.b	1·7	73	52	0·54
	Oxford	29·74	59	W	1	c	29·97	+·24	58	53	- 7	W	1	b	*	tp.c	*	71	55	0·09
	Cambridge ...	29·69	59	SW	1	r	29·94	+·20	58	53	- 8	W	2	b	*	c,tr	1·8	77	51	0·17
	Yarmouth ...	29·67	69	ESE	4	b	29·88	+·13	59	53	- 10	W	5	b	3	b	*	72	52	0·10
GERMANY & HOLLAND.	Cuxhaven ...	29·83	74	ESE	2	c	29·85	-·14	64	64	+ 5	SW	4	b	*	c	*	77	59	-
	Berlin	29·95	70	ESE	1	b	29·95	-·09	66	62	+ 4	SSW	2	c	*	b	*	77	61	-
	Wiesbaden ...	*	*	*	*	*	30·01	+·01	67	63	+ 3	SW	2	c	*	*	*	81	64	-
	Munich... ..	30·03	67	E	3	b	30·17	+·06	66	61	+ 3	SW	4	0	*	b	*	77	63	-
	The Helder ...	29·75	69	SSW	1	0	29·86	+·04	63	58	- 8	SW	4	bc	2	0	*	75	61	0·55
BELGIUM.	Brussels ...	*	*	*	*		30·02	+·19	59	57	- 16	WSW	4	0	*	0	*	82	57	1·10
	Cape Gris Nez...	29·75	62	W	3	0	29·88	+·09	64	59	- 1	NW	1	bc	1	0	*	77	57	-
	Paris	29·85	63	ESE	2	r	30·04	+·14	60	58	- 1	SE	1	c	*	r	*	82	53	0·59
	Brest	29·89	64	W	3	0	30·00	+·20	60	59	- 1	S	0	c	1	0	*	66	54	-
	Lorient... ...	29·92	64	W	6	0	30·02	+·20	65	58	+ 1	WNW	2	bc	2	0	*	68	52	0·04
FRANCE &	Rochefort ...	29·97	70	W	4	c	30·08	+·12	64	63	- 4	SE	3	0	*	c	*	79	61	0·16
	Belfort	29·90	67	E	1	0	30·02	+·06	62	60	- 4	WSW	3	0	*	0	*	86	60	0·56
	Lyons	29·93	68	NNE	1	0	30·04	+·10	65	62	- 9	NNW	1	c	*	0	*	89	61	0·98
	Nice	30·02	72	SW	1	b	30·04	+·07	71	65	+ 1	S	0	b	1	b	*	82	64	-
	Perpignan ...	29·89	78	NE	3	b	30·02	+·05	74	66	+ 4	S	0	b	*	b	*	90	66	-
	Biarritz ...	30·01	70	NW	4	0	30·01	+·08	67	63	- 1	SSW	3	0	2	o,l	*	75	63	-
PENINSULA.	Corunna ...																*			
	Lisbon	30·14	68	NNW	4	b	30·18	+·12	67	62	- 3	NNW	3	0	*	b	*	73	64	-
	Azores (P. Delgada)	30·33	69	N	3	b	30·37	+·14	71	65	+ 1	NNW	2	b	1	b	*	77	64	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 2·2 hrs; Eastbourne 3·0 hrs; Hastings (St. Leonards) ?

WEATHER CHARTS

FOR Monday, 27th July, 1896.

BAROMETER, WIND AND SEA.

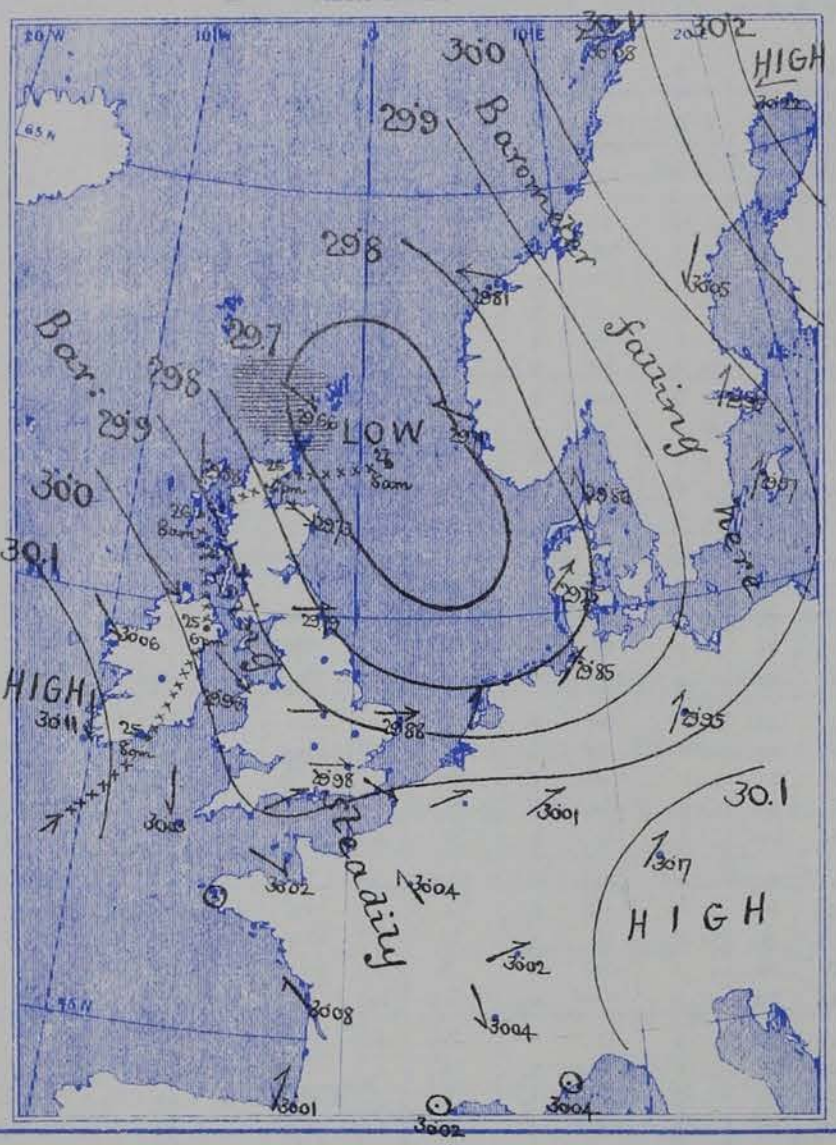
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; Force 5 to 7 ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

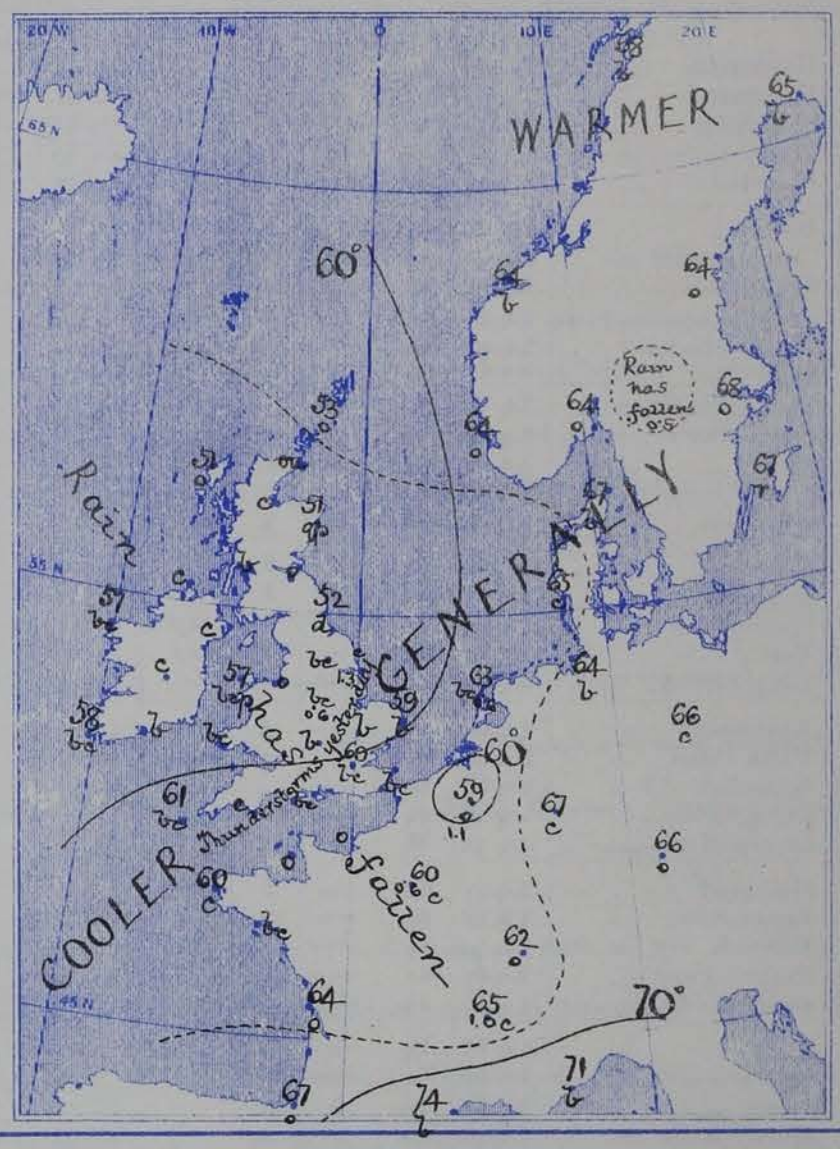


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	51·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and upwards, in an anticyclone over Lapland; 30·1 in: and upwards, in another system extending from the Atlantic over the Portuguese coasts and the southwest of Ireland.
Lowest, 29·7 in: and less, in a depression over the northern parts of the North Sea.
Gradients slight. Barometer rising at all but the Scandinavian and Danish stations.

TEMPERATURE

Highest, 74° at Perpignan, 71° at Nice, 68° at Bodö and Stockholm, and 67° at Wisby, Skagen, Hirsbaden, Arkona, and Sulzow.
Lowest, 51° at Stornoway, Wick, and Aberdeen, 52° at Nairn and Shields, 53° at Leuchars, and 54° at Leith, Malin Hd. and Pauntstown.
During yesterday the thermometer rose to 70° and upwards over the Eastern, central, and southeastern parts of England generally, and to 71° at Cambridge.

WIND

Strong from the NW^ly on our north and northwest coasts, with a gale at Aberdeen; light to moderate from the same quarter in the southwest of the Islands and the Southwest of France.
Light to moderate from the W^ly over the greater part of England, and from the SW^ly over Denmark, Germany, and the Netherlands.
E^ly or SE^ly in Scandinavia; calm or variable in France.

WEATHER

Fine over the greater part of Ireland and England, and also in the northern parts of Scandinavia, and the extreme south of France.
Cloudy elsewhere, with passing showers at Aberdeen and Holyhead, and with rain at Wisby.
Heavy rain occurred yesterday in many parts of England, France, and the Netherlands, the largest amounts reported being 1·3 in: at Spurn Hd., 1·1 in: at Brussels, and 1·0 in: at Ypres. Smaller amounts were measured in Scotland and Ireland. Thunderstorms were experienced at many of the English stations.

SEA

Moderate to smooth generally, but rather rough off the northeast of Scotland.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over the North Sea seems likely to disperse gradually. Small secondary systems are, however, lying apparently over various parts of Great Britain, and thundershowers are probable in many places.

FORECASTS

For the 24 hours ending at NOON on 28TH JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW^ly to N^ly winds, strong at first, but moderating later, unsettled, some showers.
1	SCOTLAND EAST	W^ly to NW^ly winds, moderate; changeable, some showers.
2	ENGLAND N.E.	
3	ENGLAND EAST	W^ly to NW^ly winds, moderate; changeable, some showers, thunder locally.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No 0.
7	ENGLAND N.W.	
8	ENGLAND S.W.	N^ly and NW^ly winds, moderate; fair generally.
9	IRELAND NORTH	Same as No 0.
10	IRELAND SOUTH	Same as No 8.
	WARNINGS	The N. Cone is still flying in district 0

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·91	67	59	S	8	c	5
Sumburgh Head							
Stornoway ...	29·48	53	52	N	6	r	6
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·67	54	53	NNW	6	c	4
Belmullet	29·86	57	52	NNW	3	bc	*
Holyhead							
Valencia							
Scilly							
Jersey	29·81	68	61	NNW	4	c	3
Hurst Castle ...							
Dungeness ...	29·74	67	64	SSW	3	c	2
North Foreland	29·76	66	63	S	3	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	29·95	68	66	W	3	c	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Continental Information not received.

SUMMARY OF THE CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 19TH TO THE 25TH JULY 1896.

During the early part of last week the weather remained under the influence of the large anticyclone which had previously spread over us from the westwards, the conditions being fair, warm, and dry in all but the extreme northern and northwestern parts of the Kingdom, where rain was somewhat frequent. Temperature rose steadily and on the 20th and 21st the maximum readings over England were mostly above 80°, the highest reading of all being in London and at Cambridge where the thermometer reached 88°.

The anticyclone was, however, in the meantime moving away to the eastward and on the 21st a depression appeared in the far north, while a 'V' shaped secondary disturbance was formed over England and France. Over the northern part of the Kingdom rain now set in pretty generally, but in the south nothing more than local showers were experienced. Temperature, however, fell rather decidedly, the maximum readings over England on the 22nd being from 15° to 20° lower than those of the previous day.

On the night of the 23rd a rather complex depression spread over Ireland and the north of England from the southwestward, the system being accompanied by heavy rain in many parts of our western districts. Twenty-four hours later a more important disturbance advanced to our southwest coast, and on the 25th this moved steadily northwards, its progress being attended by further heavy falls of rain, not only in the west, but also in many parts of our northern districts. Over the more southern parts of the Kingdom the wind was at this time S., with temperatures differing but little from the normal. In the north, however, where the wind was NE. the weather was decidedly cool, the maximum readings being in many cases at or below 60°. On the night of the 25th a gale from the E. was experienced in the north of Scotland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 5 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Tuesday 28th July 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·02	66	E	2	o	29·93	−·29	69	63	+ 4	L	o	b	#	o	#	77	55	—
	Hernösand ...	29·92	62	N	2	f	29·94	−·11	64	62	0	S	4	c	#	f	#	66	59	0·08
	Stockholm ...	29·97	67	SSW	2	o	30·07	+·12	71	63	+ 3	WSW	4	b	#	o	#	73	54	—
	Wisby	30·03	67	S	4	bc	30·15	+·18	67	62	0	WNW	4	b	#	bc	#	73	57	—
	Karlstad ...	29·93	66	SW	2	r	30·04	+·15	62	57	− 3	SW	4	o	#	r	#	#	#	0·12
	Bodö	29·93	70	E	2	b	29·83	−·25	68	59	0	E	4	b	2	b	#	75	59	—
	Christiansund ...	29·76	67	WNW	5	c	29·81	·00	58	56	− 6	WNW	4	f	2	c	#	75	55	0·04
	Skudesnaes ...	29·71	60	SSE	9	o	29·72	+·01	58	58	− 6	S	7	rf	5	o	#	68	55	#
	Færder (Christiania Fjord)	29·90	64	SW	5	b	29·97	+·09	60	57	− 4	SW	6	o	4	b	#	64	61	0·20
	Skagen (The Scaw)	29·98	61	W	2	bc	30·08	+·22	60	55	− 7	WSW	4	bc	0	bc	#	72	57	0·04
	Fanö	29·99	60	WSW	6	c	30·13	+·38	61	56	− 6	WSW	6	c	#	c	#	68	59	—
	Sumburgh Head	29·75	50	NNW	4	r	29·99	+·33	53	52	0	NW	3	b	5	r	#	54	48	0·57
	Stornoway ...	30·01	56	NNW	4	c	30·06	+·18	54	52	+ 3	SW	4	o	4	c	7·9	57	42	—
	Wick	29·90	52	N	7	o	30·09	+·33	56	54	+ 5	N	2	b	1	o	#	56	42	0·02
	Nairn	29·97	55	NNW	2	c	30·09	+·28	55	50	+ 3	W	1	b	1	c	#	57	41	—
	Aberdeen ...	29·89	52	NW	9	cq	30·12	+·29	56	49	+ 5	W	1	b	1	o,cq	1·5	57	45	—
British Islands.	Leith	29·93	62	W	2	bc	30·14	+·35	56	51	+ 2	W	1	b	#	bc	#	67	44	—
	Shields	29·94	59	W	2	c	30·17	+·38	55	49	+ 3	W	2	b	2	r,o,c	#	60	45	0·03
	Spurn Head ...	30·00	58	WNW	5	o	30·15	+·35	61	56	+ 3	NE	3	b	4	o	#	61	53	—
	York	29·99	58	NNW	1	o	30·17	+·35	56	51	− 1	N	1	b	#	o	?	60	48	—
	Loughborough ...	30·05	59	W	3	c	30·19	+·27	57	52	0	WNW	2	bw	#	c,bc,bm	#	64	44	—
	Ardrossan ...	30·00	58	NW	6	b	30·15	+·29	56	53	− 1	SSE	1	bw	0	b	#	60	47	—
	Malin Head ...	30·09	57	WNW	4	c	30·13	+·18	55	54	+ 1	S	3	b	1	c	#	59	49	—
	Belmullet ...	30·16	59	WNW	2	bc	30·11	+·05	59	55	+ 2	S	3	bc	#	bc	#	61	51	—
	Donaghadee ...	30·09	57	NNW	6	bc	30·19	+·24	57	54	+ 1	W	3	b	1	bc	#	62	44	—
	Liverpool (Bidston)	30·06	55	WNW	4	b	30·18	+·29	56	50	0	WNW	2	c	2	b	#	61	53	—
	Holyhead ...	30·09	57	NW	1	b	30·20	+·24	59	55	+ 2	NW	2	bc	1	bc,b	#	62	51	—
	Parsonstown ...	30·14	59	NW	1	d	30·21	+·15	56	53	+ 2	SE	1	b	#	bc,d	5·6	63	43	—
	Valencia ...	30·21	60	NW	3	b	30·16	+·05	58	54	0	SSE	3	o	3	b	13·1	62	43	—
	Roche's Point ...	30·15	62	WSW	3	bc	30·22	+·14	55	51	− 1	N	1	b	1	bc	#	65	49	—
	Pembroke (St. Ann's Hd.)	30·13	58	W	3	b	30·20	+·17	58	55	+ 1	L	o	b	2	b	12·7	61	54	—
	Scilly	30·13	60	N	4	bc	30·20	+·17	61	58	0	WNW	1	b	0	bc	13·3	63	55	—
	Prawle Point ...	30·08	62	NNW	2	c	30·21	+·21	62	56	0	NNE	3	b	2	c	#	65	50	—
	Jersey (St. Aubin's)	30·08	65	NNW	3	cv	30·18	+·16	65	59	+ 3	ENE	4	bmv	3	o,cv	#	68	54	—
	Hurst Castle ...	30·06	65	WNW	2	c	30·19	+·20	62	56	0	NE	3	bc	2	c	#	70	53	—
	Dungeness ...	30·01	65	SW	3	bc	30·14	+·19	60	55	− 2	NNW	3	bc	2	bc	#	67	49	—
	North Foreland	30·02	65	S	1	o	30·17	+·22	59	54	− 3	NW	2	c	2	bc,o	#	67	55	—
	London (Brixton) ...	30·04	66	W	1	c	30·18	+·20	58	52	− 2	N	1	b	#	c,bc	10·4	69	50	—
	Oxford	30·10	58	N	2	c	30·20	+·23	57	51	− 1	NNW	2	b	#	c	#	66	46	—
	Cambridge ...	30·04	63	NW	1	o	30·19	+·25	55	51	− 3	NNW	1	b	#	bc,o	9·8	68	46	—
	Yarmouth ...	29·99	65	WNW	3	bc	30·14	+·26	53	50	− 6	WNW	2	bm	2	bc	#	66	49	—
Germany & Holland.	Cuxhaven ...	30·01	67	NW	3	bc	30·13	+·28	60	59	− 4	SSW	1	b	#	bc	#	72	52	—
	Berlin	30·07	73	WSW	1	c	30·12	+·17	71	65	+ 5	SSE	1	b	#	c	#	87	64	—
	Wiesbaden ...	#	#	#	#	#	30·04	+·03	66	64	− 1	L	o	o	#	#	#	75	63	0·24
	Munich	?	66	?	4	b	30·08	−·09	65	63	− 1	W	1	b	#	b	#	73	55	—
	The Helder ...	30·05	65	SW	1	b	30·14	+·28	60	56	− 3	N	1	bc	1	b	#	66	57	—
Belgium.	Brussels ...	#	#	#	#	#	30·13	+·11	57	54	− 2	NNE	1	r	#	b	#	71	56	0·04
	Cape Gris Nez ...	29·92	63	W	2	bc	30·13	+·25	61	57	− 3	NE	3	bm	2	bc	#	64	57	—
	Paris	30·03	69	ENE	2	b	30·07	+·03	59	56	− 1	WSW	1	c	#	b	#	74	57	—
	Brest	30·05	63	NNW	2	bc	?	?	58	56	− 2	WSW	2	bc	2	bc	#	66	48	—
	Lorient	30·15	82	NE	3	bc	30·17	+·15	57	54	− 8	NNE	4	b	2	bc	#	70	48	—
France &	Rochefort ...	30·08	64	NW	3	bc	30·12	+·04	60	59	− 4	ENE	3	bc	#	bc	#	70	55	0·16
	Belfort	30·01	65	L	0	t	29·99	−·03	65	63	+ 3	L	0	o	#	t	#	77	59	0·83
	Lyons	29·97	63	NNE	2	o	30·02	−·02	56	54	− 9	N	2	r	#	o,t,r	#	76	58	0·51
	Nice	29·96	78	L	0	b	29·96	−·08	72	64	+ 1	E	4	o	4	b	#	84	68	—
	Perpignan ...	29·95	70	L	0	t	29·98	−·04	64	59	− 10	W	2	o	#	t	#	81	59	0·47
	Biarritz ...	30·06	60	NW	3	r	30·06	+·05	62	59	− 5	SSW	4	r	3	r	#	67	59	0·51
Peninsula.	Corunna ...																#			
	Lisbon	30·12	66	SW	3	b	30·12	−·06	68	63	+ 1	NNE	4	c	#	b	#	75	64	0·04
	Azores (P. Delgada)	30·40	73	NNE	2	o	30·41	+·04	73	66	+ 2	NW	2	o	1	o	#	77	70	—

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 5·3 hrs; Eastbourne 11·4 hrs. Hastings (St Leonards) 8·8 hrs:

WEATHER CHARTS

FOR ..... Tuesday, 28th July, ... 1896.

BAROMETER, WIND AND SEA.

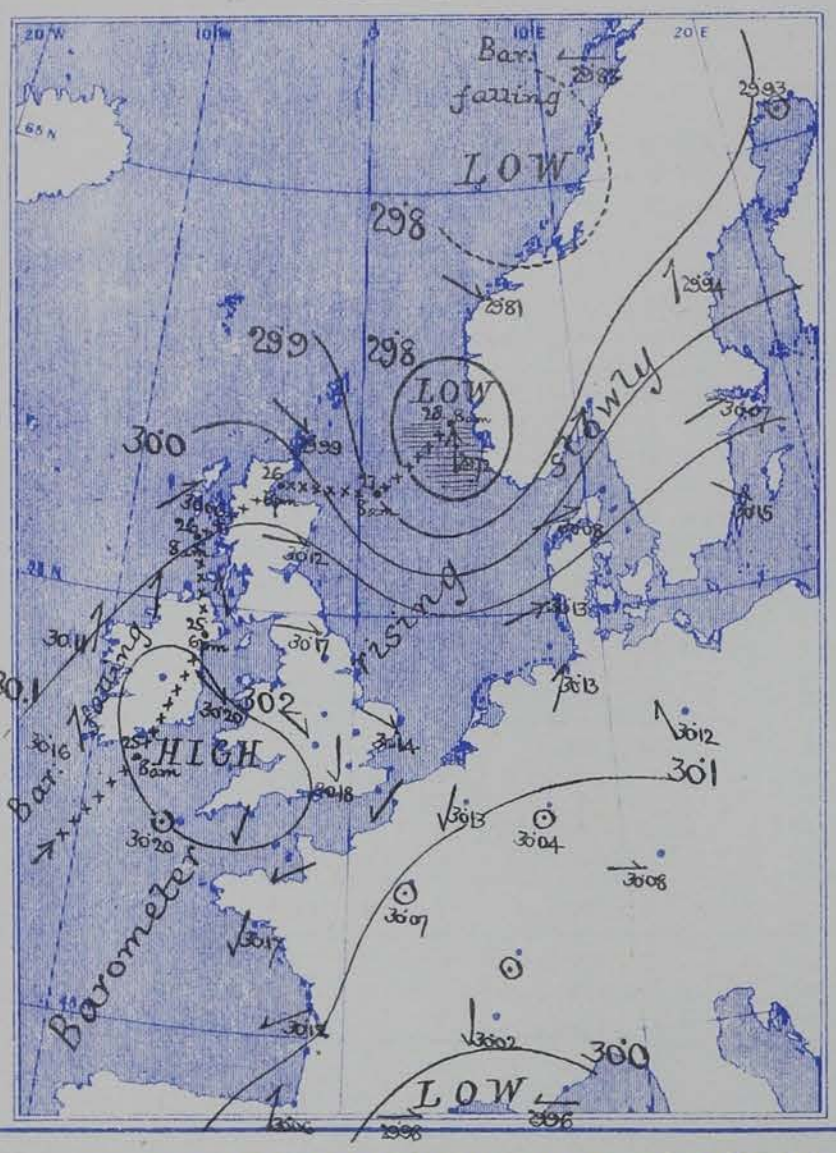
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▒ ; *High* ▓

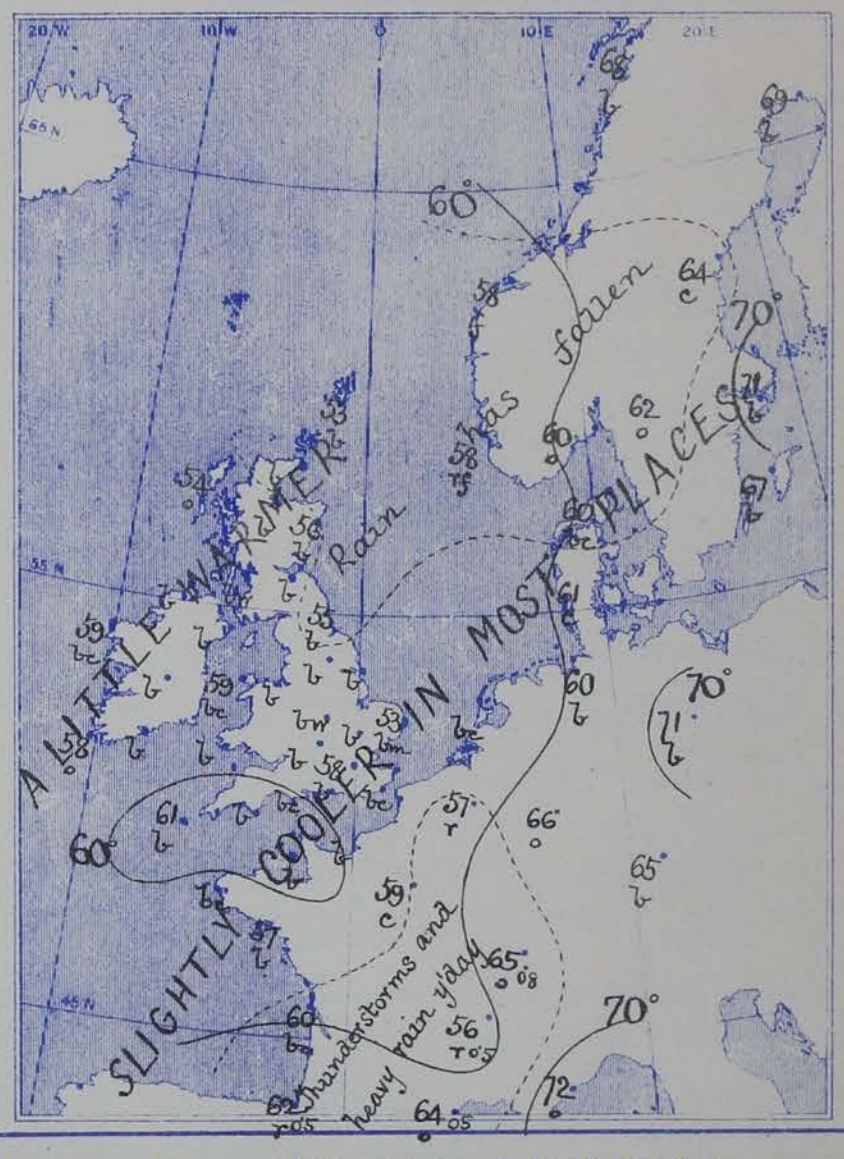


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those withow rain. The fall in past 24 hours when exceeding half an inch is shown thus 0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE *IN THE MONTH OF JULY.*

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29·892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·908	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards over the E. of Ireland and all the more S.W. parts of Gt Britain.
Lowest 29.8 ins. and less in a large depression lying off the west of Norway, and also in a small secondary system near Skudesnaes.
Gradients slight generally, but moderate over the northern part of the North Sea.
Barometer falling a little in the west of Ireland, rising elsewhere.

TEMPERATURE

Highest (1) 72° at Nice, and 68° at Lisbon; (2) 71° at Stockholm and Berlin, 69° at Haparanda, & 68° at Bodo
Lowest (1) 53° at Spurnhead and Yarmouth, 54° at Stornoway, and 55° at Nairn, Shields, Malin Hd. and Cambridge; (2) 56° at Lyons, and 57° at Brussels.
The maxima registered yesterday were below 60° in the north of our Islands, and below 70° at all stations excepting Hurst Castle.

WIND

Light from the S.W. on the west coasts of Ireland and Scotland, and from the W. in the east of Scotland.
N.W. over the greater part of England, but N.E. over the Channel and Bay of Biscay.
Strong from the S.W. or S.W. on the eastern shores of the North Sea; moderate from the same quarters in Sweden; calm or variable over Germany and the central and S. parts of France.

WEATHER

Fine over the greater part of the United Kingdom as well as in Sweden, Denmark, Germany and the N. of France.
Foggy in the west of Norway and rainy at Skudesnaes; rainy also at Brussels, Lyons & Biarritz.
Rain fell yesterday at several of our northern stations. Thunderstorms and heavy rain occurred over the central and southern parts of France.

SEA

Slight or smooth generally, but rather rough at Skudesnaes and Spurnhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no indications of any important change excepting in the extreme west, where the weather is likely to be affected by a new low pressure area which is advancing from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 29TH JULY. 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.W. winds, moderate; fine at first, cloudy later, probably some rain.
1	SCOTLAND EAST	W. to S. winds, light, fine, warmer.
2	ENGLAND N.E.	
3	ENGLAND EAST	N. and N.W. winds, light; fine, warmer.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S. winds, moderate, fine at first, cloudy later, possibly some rain.
7	ENGLAND N.W.	Same as Nos. 1 and 2.
8	ENGLAND S.W.	Light variable airs, fine, warmer.
9	IRELAND NORTH	Same as No. 6.
10	IRELAND SOUTH	
	WARNINGS	None issued.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.66	68	63	SSE	4	o	3
Sumburgh Head	29.71	52	52	NNW	3	r	5
Stornoway	29.98	56	49	N	4	c	4
Aberdeen	29.81	52	48	NW	9	o	6
Shields	29.89	56	53	W	3	o	2
Ardrossan	29.95	68	58	NW	6	b	4
Malin Head ...	30.05	57	54	WNW	5	c	3
Belmullet	30.14	60	54	NW	2	bc	*
Holyhead	30.00	61	58	WNW	3	bc	2
Valencia	30.18	61	54	WNW	3	b	4
Scilly	30.10	63	57	N	4	bc	1
Jersey	30.06	66	57	NW	3	o	3
Hurst Castle ...	30.04	70	64	SW	2	c	2
Dungeness ...	29.99	67	61	SW	3	bc	2
North Foreland	30.01	65	58	E	2	bc	2
London (Westminster)	30.01	68	56	SW	2	c	*
Yarmouth ...	29.96	65	55	WNW	4	bc	3
Rochefort ...	30.09	64	62	NW	3	r	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of Ireland and England, as well as in Scandinavia, Russia, Austria, Italy and the south of France. Cloudy or dull elsewhere, with passing showers at Aberdeen and Holyhead and with rain at Wisby. Rain falling during day in many parts of Scandinavia, and also at some of our own northern stations; thunderstorms and heavy rain occuring over the central and southern parts of France.

Temperature fallen in most of the western countries, but risen elsewhere. Morning readings highest 86° at Palma, 82° at Trieste and Athens, and 81° at Patras and Sfax; above 70° over southern and eastern Europe generally, and also at some of the Baltic stations. Lowest 51° at Stornoway, Wick and Aberdeen, 52° at Nairn and Shields, and 53° at Sumburgh Hd.; below 55° at many of our northern stations. Daily maxima below 60° in several parts of Scotland and the N. of Ireland, and below 70° at all our own stations excepting Hurst Castle. Thermometer reaching 75° or more over the northern parts of Scandinavia; exceeding 80° in the south of France, and also at Berlin.

Wind strong from the NW^nd. on our north and northwest coasts, with a gale at Aberdeen; moderate from the same quarter in the southwest of our Islands. Light to moderate from the W^n. over England, and from the SW^nd. over the Netherlands and Germany; S. 4 over the Baltic; SE. 4 or E. 4 over Finland and Scandinavia. Light from the NE^nd. over the central and southern parts of Russia; calm or variable over Austria, Italy and the south of France; S. 4 or SE. 4 in the west of France, but NW. 4 on the Portuguese coasts. Subsequently shifting to the NW^nd. in most parts of England, and also in the west of France.

Barometer highest 30.2 ins. and upwards in an anticyclone over Lapland and N^rn. Russia; 30.1 ins. and upwards in another system lying over the W^rn. parts of the Spanish Peninsula. Lowest 29.7 ins. and less in a depression over the northern parts of the North Sea. 29.9 ins. and less in a shallow area over the Black Sea and Asia Minor. Depression over North Sea subsequently moving slowly northwards; barometer rising over W^rn. Europe generally.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France: at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 29th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.88	60	S	2	0	29.78	-.15	62	58	-7	SW	4	b	*	0	*	72	59	-
	Hernösand ...	29.92	63	SW	4	b	29.94	.00	63	57	-1	SW	2	0	*	b	*	72	48	-
	Stockholm ...	30.08	67	2	0	c	30.02	-.05	63	58	-8	2	0	0	*	c	*	75	61	-
	Wisby	30.11	67	S	4	b	29.99	-.16	71	62	+4	SE	4	c	*	b	*	77	61	-
	Karlstad ...	30.03	63	SSW	4	0	29.99	-.05	58	57	-4	SSW	2	r	*	0	*	*	*	0.08
	Bodö ... ... †	29.76	58	2	0	r	29.76	-.01	56	53	-12	SW	4	0	2	r	*	72	54	0.51
	Christiansund ... †	29.96	54	W	4	r.	30.06	+.25	53	50	-5	SW	2	b	3	r	*	58	48	0.04
	Skudesnaes ...	30.06	58	NW	4	0	29.98	+.26	57	54	-1	NNW	4	c	2	c.o	*	63	54	*
	Færder (Christiania Fjord)	29.97	62	SW	6	0	29.94	-.03	63	59	+3	SSW	4	0	3	0	*	63	59	-
	Skagen (The Scaw)	30.07	59	WSW	2	0	29.98	-.10	60	58	0	SW	1	0	0	0	*	66	57	-
	Fanö	30.08	58	W	1	c	29.94	-.19	59	56	-2	NW	2	c	*	c	*	66	57	-
British Islands	Sumburgh Head	30.04	56	W	1	0	29.98	-.01	56	54	+3	ESE	2	b	2	bc.o	*	60	46	-
	Stornoway ...	29.99	53	SW	3	0	29.81	-.25	55	53	+1	SSE	3	0	3	0	1.6	58	47	0.07
	Wick	30.06	56	S	2	b	29.92	-.17	55	53	-1	S	4	0	3	b.o	*	68	52	-
	Nairn	29.99	59	E	2	b	29.85	-.24	59	56	+4	2	0	b	1	b	*	67	47	-
	Aberdeen ...	30.10	55	S	2	b	29.93	-.19	54	53	-2	SE	2	0	3	b	13.8	61	50	-
	Leith	30.03	64	ENE	2	bc	29.88	-.26	56	52	0	ESE	1	0	*	bc	*	66	48	-
	Shields	30.09	57	ESE	3	b	29.90	-.27	58	54	+3	SE	2	m	2	b	*	60	51	-
	Spurn Head ...	30.11	59	E	3	b	29.95	-.20	60	58	-1	S	3	b	4	b	*	63	54	-
	York	30.10	64	E	2	b	29.94	-.23	55	53	-1	ESE	1	b	*	b	?	70	49	-
	Loughborough ...	30.10	60	SW	1	b	29.96	-.23	59	52	+2	S	1	bcw	*	b,bc,bm	*	72	47	-
	Ardrossan ...	30.04	59	S	1	c	29.81	-.34	54	53	-2	E	4	pm	1	b,c	*	70	51	0.01
	Malin Head ...	29.94	61	S	5	0	29.58	-.55	55	55	0	SE	7	ogp	3	0	*	62	53	0.10
	Belmullet ...	29.86	60	S	6	0	29.58	-.53	59	58	0	WSW	4	c	*	bc.o	*	63	55	0.25
	Donaghadee ...	30.07	57	SSW	5	c	29.77	-.42	55	55	-2	S	6	r	4	c,r	*	61	54	0.13
	Liverpool (Bidston)	30.11	61	NNW	1	b	29.89	-.29	58	52	+2	SE	2	bc	1	b	*	64	50	-
	Holyhead ...	30.10	58	SW	3	c	29.80	-.40	56	56	-3	S	7	ru	4	b,c	*	63	54	0.18
	Parsonstown ...	29.99	63	SE	2	bc	29.67	-.54	59	58	+3	SW	1	o	*	bc,or	7.0	67	56	0.09
	Valencia ...	29.91	59	S	6	ou	29.72	-.44	59	57	+1	W	5	og	5	c,ou	6.4	64	56	0.47
	Roche's Point ...	30.04	62	SSW	5	bc	29.73	-.49	61	59	+6	W	4	bc	4	bc,r	*	66	54	0.25
	Pembroke (St. Ann's Hd.)	30.13	62	W	3	bc	29.80	-.40	58	58	0	SSW	6	mqr	5	bc	13.3	63	57	0.05
	Scilly	30.14	66	SSW	3	b	29.85	-.35	63	62	+2	SW	5	cp	4	b	12.0	68	57	0.14
	Prawle Point ...	30.15	60	WSW	3	b	29.97	-.24	58	55	-4	SSW	6	c	4	b	*	63	54	-
	Jersey (St. Aubin's)	30.15	65	N	4	b	30.03	-.15	65	58	0	SW	3	b	3	bm,b	*	70	49	-
	Hurst Castle ...	30.12	65	WSW	3	b	30.00	-.19	64	59	+2	SSW	2	bc	2	bc,b	*	71	59	-
	Dungeness ...	30.10	63	ESE	2	b	29.99	-.15	64	60	+4	S	2	b	1	b	*	68	58	-
	North Foreland	30.12	62	E	2	b	30.02	-.15	64	58	+5	E	2	b	2	bc,b	*	65	56	-
	London (Brixton) ...	30.09	68	ESE	1	c	29.98	-.20	63	58	+5	SE	1	b	*	b,c,bm	10.7	73	46	-
	Oxford	30.09	61	SW	1	b	29.98	-.22	61	54	+4	SSW	1	b	*	b	*	70	44	-
	Cambridge ...	30.11	68	E	1	b	29.98	-.21	58	55	+3	S	1	b	*	b	11.3	72	45	-
	Yarmouth ...	30.13	63	NE	3	b	30.00	-.14	60	55	+7	ESE	2	b	2	bc,b	*	65	50	-
Germany & Holland	Cuxhaven ...	30.09	59	NNW	2	o	29.92	-.21	59	59	-1	NNE	3	o	*	o,r	*	64	57	0.04
	Berlin	29.93	79	ESE	1	bc	29.76	-.36	71	65	0	NNE	1	c	*	bc	*	86	70	-
	Wiesbaden ...	*	*	*	*	*	29.85	-.19	60	58	-6	N	2	o	*	*	*	77	59	0.20
	Munich	29.93	68	SE	2	bc	29.86	-.22	66	64	+1	SW	4	o	*	bc	*	81	61	0.04
	The Helder ...	30.11	64	NE	2	bc	29.99	-.15	59	54	-1	NNW	1	b	1	bc	*	66	57	-
Belgium, France & Peninsula	Brussels ...	*	*	*	*	*	30.02	-.11	59	55	+2	NNE	1	o	*	r	*	64	53	-
	Cape Gris Nez ...	30.10	59	NE	1	m	30.01	-.12	62	58	+1	E	1	m	0	m	*	68	54	-
	Paris	30.05	67	NNE	2	c	30.04	-.03	59	56	0	NW	1	bc	*	c	*	73	54	-
	Brest	30.16	63	NE	3	b	29.99	?	60	59	+2	?S	3	o	3	b	*	66	50	-
	Lorient	30.13	63	NNW	4	bc	30.10	-.07	57	50	0	W.SW	3	bc	2	bc	*	70	46	-
	Rochefort ...	30.09	68	NW	6	b	30.11	-.01	64	61	+4	NW	4	b	*	b	*	72	59	-
	Belfort	29.89	64	W	2	f	?	?	60	60	-5	W	3	r	*	f	*	71	57	0.20
	Lyons ... ... †	?	54	W	5	b	29.94	-.08	59	55	+3	NW	4	o	*	f	*	61	56	0.75
	Nice	29.97	68	Z	0	r	29.90	-.06	64	60	-8	Z	0	b	2	r	*	79	61	2.36
	Perpignan ...	30.01	64	W	3	r	30.04	+.06	66	56	+2	NW	3	o	*	r	*	66	52	0.04
	Biarritz ...	30.09	69	NW	5	bc	30.13	+.07	66	59	+4	NW	4	o	3	bc	*	70	61	0.28
	Corunna ...																*			
	Lisbon	30.13	64	NNW	5	b	30.12	.00	71	59	+3	N	4	b	*	b	*	77	63	-
	Azores (P. Delgada)	30.42	72	NNE	4	bc	30.37	-.04	72	68	-1	NNE	4	bc	2	bc	*	79	70	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 8.9 hrs; Eastbourne 13.5 hrs.; Hastings (St. Leonards) 13.2 hrs.

WEATHER CHARTS

FOR Wednesday, 29th July, 1896.

BAROMETER, WIND AND SEA.

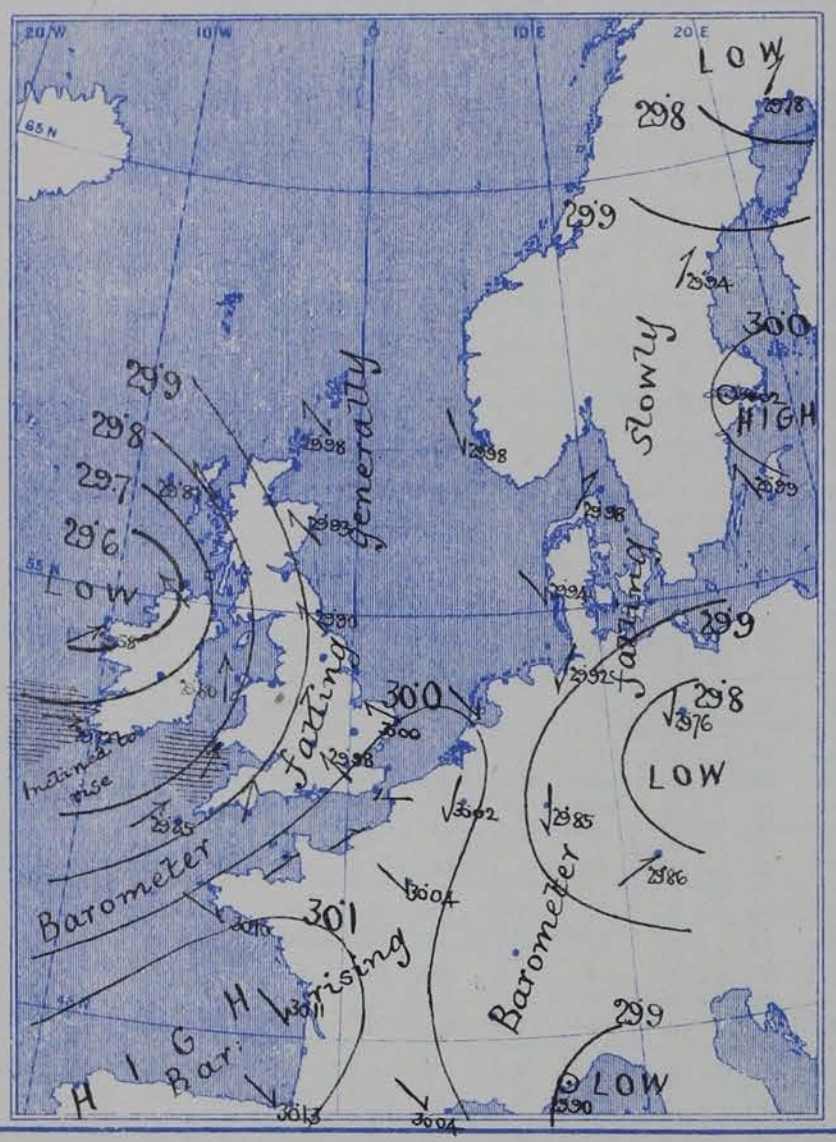
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ; Force 5 to 7 ; } Calm ⊙

Force 8 to 10 ; Force 1 to 4 ; }

SEA—Rough ; High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus ·0·6.

VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins. and upwards, in an anticyclone lying over the Spanish Peninsula, the Bay of Biscay, and the west of France.
Lowest, 29·6 ins. and less, in a depression off the northwest of Ireland, 29·8 ins. and less, in another system over Germany.
Gradients moderate over the west and south of our Islands, but slight elsewhere.
Barometer falling in most places, but rising in the west of France, and inclined to rise at Valencia (Ireland).

TEMPERATURE

Highest, 71° at Wisby, Berlin and Lisbon, 66° at Munich, Biarritz, and Perpignan, and 65° at Jersey.
Lowest, 54° at Aberdeen and Ardrossan, and 55° at Stornoway, Wick, York, Malin Hd. and Donaghadee.
During yesterday the thermometer rose to 70° and upwards at several of the English stations and to 73° in London. At Oxford the thermometer on the grass fell last night to 36°.

WIND

Fresh from the W.ly in the west and south of Ireland; strong from the S.ly on the west and southwest coasts of Great Britain; light from the SE.ly on our north and east coasts.
NW. on the eastern shores of the North Sea and also over the Netherlands and France; NE. in North Germany.
S. or SW. at the Swedish stations.

WEATHER

Raining over the western parts of Great Britain and the north of Ireland; dull in the north and east of Scotland.
Fine over the greater part of England and France, cloudy at most of the Scandinavian, Danish, and German stations, with rain at Karlstad.
Since yesterday morning rain has fallen in the west of our Islands generally, as well as in Germany and the east and south of France; at Nice the fall amounted to 2·4 ins.

SEA

Rather rough at Valencia (Ireland) and Pembroke, and moderate on our western coasts generally, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the west is moving northwards, but is at the same time spreading out in an easterly direction.

Cloudy unsettled weather seems likely to extend over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 30th JULY, 1896.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
☨ 0 SCOTLAND NORTH ☨ 1 SCOTLAND EAST	SE. and S. winds, increasing in force; dull, unsettled, some rain.	☨ 6 SCOTLAND WEST ☨ 7 ENGLAND N.W.	S. winds, strong, to SW., moderate; dull and rainy at first, but improving later.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Same as No 5	8 ENGLAND S.W.	SW. winds, strong; squally, showery.
5 ENGLAND SOUTH	S. winds, freshening; fine at first, cloudy later, probably some rain.	☨ 9 IRELAND NORTH ☨ 10 IRELAND SOUTH	SW. and W. winds, fresh or strong; unsettled, some showers.
		WARNINGS	At 7·0 pm yesterday to districts 0, 6, 7, 9, 10, and part of 1. "Hoist South Cone".

Note.—The **South Cone**, *point downwards* (☨), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (☩), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·99	62	60	NW	6	c	3
Sumburgh Head	30·05	58	55	WNW	2	bc	4
Stornoway	29·94	56	55	SW	4	o	4
Aberdeen	30·11	60	60	S	2	b	1
Shields	30·14	58	53	E	2	b	2
Ardrossan	30·09	61	57	SSW	2	b	2
Malin Head ...	30·05	62	57	S	5	o	2
Belmullet	30·04	62	56	SSW	4	bc	*
Holyhead	30·16	63	57	SW	2	b	1
Valencia	30·04	63	57	S	6	c	4
Scilly	30·18	67	63	WSW	1	b	0
Jersey	30·18	68	59	NE	5	b	3
Hurst Castle ...	30·16	69	60	SW	3	bc	2
Dungeness ...	30·13	66	60	E	3	b	2
North Foreland	30·15	64	57	NE	2	bc	2
London (Westminster)	30·14	68	56	WNW	1	b	*
Yarmouth ...	30·15	64	57	NE	3	bc	3
Rochefort ...	30·12	71	65	WNW	4	b	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning fine over the greater part of our Islands and the Continent, but foggy in the west of Norway with rain at Skudesnaes. Dull over Belgium, the east and south of France and the northern parts of Spain and Italy, with rain in several places. Rain falling later in Germany, and a large amount (2·4 in:) at Nice. Dull rainy weather setting in at night over the western parts of the United Kingdom.

Temperature risen a little in the west and north of our Islands and also in Italy; fallen or changed irregularly elsewhere. Morning readings highest 87° at La Calle, 84° at Sfax, 83° at Trieste and Patras, and 82° at Athens; above 70° in most parts of southern and eastern Europe, as well as at some of the Baltic stations, and above 65° in the north of Scandinavia. Lowest (1) 53° at Sumburgh Hd. and Yarmouth, and 54° at Stornoway; (2) 56° at Le Mans and Lyons, 57° at Limoges and 59° at Madrid. Rising during day to 70° or a little more in many parts of England and to 75° and upwards in the south of Sweden, Germany, and the east and south of France; reaching 81° at Munich and 86° at Berlin.

Wind light from the S. on the west coasts of Ireland and Scotland, and from the W. in the east of Scotland; NW over the greater part of England; NE over the Channel and Bay of Biscay. Strong from the SW. on the eastern shores of the North Sea; moderate from the same quarter over Sweden and Finland. Light and variable in Germany, calm in Austria; NE over the southern part of Russia. Light to moderate from the N. over southern Europe as a whole, but E in the extreme south of France. S. winds setting in later over all but the southeastern parts of the United Kingdom, and blowing strongly in Ireland; wind veering to the W. or NW. on the eastern shores of the North Sea.

Barometer highest 30·2 in: and upwards, in three areas; one lying over the southwestern parts of the United Kingdom, another off the northwest of Spain and a third over Central Russia. Lowest 29·8 in: and less, in a large depression off the west of Norway, and also in a well marked secondary system near Skudesnaes; 29·9 in: and less, in a shallow disturbance over the Gulf of Lions. Norwegian depression subsequently passing away eastwards or filling up, but large disturbance beginning to approach our own western coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday, 30th July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.15	61	SW	2	c	29.82	+.04	60	55	− 2	NW	2	o	#	c	#	68	57	-
	Hernösand ...	29.97	55	W	2	b	30.01	+.07	58	51	− 5	NW	6	b	#	b	#	68	55	-
	Stockholm ...	29.94	58	N	2	o	29.93	−.09	62	59	− 1	NNE	6	o	#	o	#	68	54	0.55
	Wisby ...	29.93	60	NE	4	b	29.82	−.17	66	65	− 5	E	4	r	#	b	#	79	57	0.12
	Karlstad ...	29.95	61	E	2	b	29.98	−.01	60	57	+ 2	NE	2	o	#	b	#	#	#	0.04
	Bodö	29.96	50	W	6	r	30.08	+.32	54	51	− 2	SW	4	o		r	#	56	50	0.35
	Christiansund ...	30.02	57	N	4	b	30.08	+.02	55	51	+ 2	NNE	5	b	3	b	#	59	50	-
	Skudesnaes ...	29.89	62	SSE	4	c	29.96	−.02	62	57	+ 5	S	2	o	2	b,c	#	65	54	#
	Faerder (Christiania Fjord)	29.94	65	WSW	1	b	29.97	+.03	63	59	0	NE	3	o	2	b	#	66	61	-
	Skagen (The Scaw)	29.92	63	NNE	1	o	29.90	−.08	61	60	+ 1	ENE	4	o	o	o	#	72	59	-
	Fanö	29.88	60	NW	6	c	29.88	−.06	61	60	+ 2	N	4	c	#	c	#	70	57	0.08
	Sumburgh Head	29.98	56	ENE	2	c	30.00	+.02	54	53	− 2	NE	3	o	3	b,c	#	59	51	-
	Stornoway ...	29.78	62	ESE	4	o	29.95	+.14	57	54	+ 2	E	3	c	3	c,o	2.2	66	52	-
	Wick	29.93	55	S	4	o	29.99	+.07	55	54	o	E	2	c	2	o	#	59	51	-
	Nairn	29.82	59	E	3	b	29.95	+.10	56	54	− 3	SE	1	bc	2	b	#	66	50	-
	Aberdeen ...	29.90	54	E	2	c	29.98	+.05	57	56	+ 3	NE	2	c	2	c	2.1	59	53	-
	Leith	29.77	59	ESE	2	o	29.88	.00	55	54	− 1	ENE	3	o	#	o,r	#	67	53	0.38
	Shields	29.81	58	ESE	3	o	29.84	−.06	57	56	− 1	ESE	3	p	3	bc,r,o	#	62	55	0.02
	Spurn Head ...	29.81	62	ESE	5	c	29.82	−.13	59	58	− 1	E	3	o	3	c	#	64	58	-
	York	29.82	64	S	1	o	29.82	−.12	59	58	+ 4	E	1	r	#	c,o	3.7	72	53	0.01
	Loughborough ...	29.83	64	W	1	o	29.82	−.14	60	58	+ 1	SE	1	ow	#	bc,o,c	#	70	56	-
British Islands	Ardrossan ...	29.71	57	E	3	rm	29.83	+.02	57	57	+ 3	NNE	4	orm	2	rm	#	57	54	0.84
	Malin Head ...	29.59	59	SSE	3	or	29.77	+.19	57	57	+ 2	E	5	orm	3	o,r	#	60	55	0.24
	Belmullet ...	29.59	59	WSW	2	o	29.76	+.18	59	58	o	NNE	4	o	#	o	#	61	58	0.06
	Donaghadee ...	29.66	59	SE	5	o	29.79	+.02	58	57	+ 3	ESE	3	c	2	r,o	#	60	54	0.61
	Liverpool (Bidston)	29.75	61	SSE	2	o	29.78	−.11	60	57	+ 2	SE	1	c	2	op	#	63	55	0.05
	Holyhead ...	29.71	60	S	7	rm	29.77	−.03	60	59	+ 4	SE	1	c	o	mq,q,rm	#	61	55	0.13
	Parsonstown ...	29.66	60	W	2	o	29.72	+.05	59	57	o	S	0	op	#	o,r	0.4	64	52	0.24
	Valencia ...	29.76	59	N	5	op	29.76	+.04	59	58	o	N	5	opqq	5	op	0.2	61	56	0.26
	Roche's Point ...	29.74	63	NW	5	c	29.69	−.04	61	59	o	N	3	c	4	c,r	#	66	54	0.10
	Pembroke (St. Ann's Hd.)	29.77	61	WSW	5	c	29.73	−.07	61	59	+ 3	SW	3	op	3	o,c	0.4	62	57	0.22
	Scilly	29.86	61	WNW	4	o	29.74	−.11	59	59	− 4	SSW	4	r	4	cp,o	3.2	67	57	0.07
	Prawle Point ...	29.84	60	WSW	5	o	29.81	−.16	60	59	+ 2	SSE	2	c	1	o,p	#	61	55	0.01
	Jersey (St. Aubin's)	29.91	66	SW	4	og	29.86	−.17	63	59	− 2	W	4	c	3	b,q,d,c	#	72	60	0.03
	Hurst Castle ...	29.87	63	SSW	3	o,m	29.82	−.18	65	61	+ 1	SW	2	c	2	d,o	#	71	59	-
	Dungeness ...	29.89	63	SW	3	bc	29.83	−.16	63	62	− 1	SSW	2	bc	1	b,bc	#	68	59	0.06
	North Foreland	29.90	67	SSW	2	bc	29.85	−.17	61	60	− 3	S	2	r	2	b,bc	#	70	58	0.17
	London (Brixton) ...	29.87	66	S	2	c	29.82	−.16	64	61	+ 1	S	0	o	#	b,bc,cp	9.1	74	59	-
	Oxford	29.84	60	S	3	o	29.81	−.17	60	58	− 1	S	1	op	#	bc,op	#	70	58	0.09
	Cambridge ...	29.85	68	SSW	1	o	29.83	−.15	62	60	+ 4	S	1	o	#	b,o	10.0	76	56	0.02
	Yarmouth ...	29.90	62	SE	4	b	29.86	−.14	61	59	+ 1	SSE	3	cp	3	b	#	64	57	0.03
Germany & Holland.	Cuxhaven ...	29.88	59	N	1	o	29.84	−.08	62	62	+ 3	NNW	2	c	#	o,r	#	64	57	0.16
	Berlin	29.75	69	NNE	2	c	29.80	+.04	65	63	− 6	W	1	o	#	c	#	81	64	0.08
	Wiesbaden ...	*	*	*	*	*	29.88	+.03	51	55	− 3	N	o	r	#	*	#	64	55	-
	Munich	29.90	60	W	5	o	29.97	+.11	56	54	− 10	W	5	o	#	o	#	66	54	0.39
	The Helder ...	29.94	63	ENE	1	bc	29.90	−.09	63	57	+ 4	E	1	b	1	bc	#	64	55	-
Belgium.	Brussels ...	*	*	*	*	*	29.89	−.13	64	59	+ 5	ESE	1	b	#	b	#	70	51	-
	Cape Gris Nez ...	29.93	60	W	1	bc	29.83	−.18	65	61	+ 3	SW	3	o	2	bc	#	68	61	-
	Paris	29.95	70	SW	2	b	29.91	−.13	61	57	+ 2	S	1	o	#	b	#	74	51	-
	Brest	29.95	62	WNW	3	b	29.88	−.16	57	57	− 3	NW	2	c	3	b	#	64	55	0.12
	Lorient	30.00	66	SW	5	c	29.89	−.21	61	59	+ 4	WNW	4	c	3	c	#	68	54	0.04
France &	Rochefort ...	30.08	68	WNW	4	bc	29.96	−.15	66	65	+ 2	W	4	c	#	bc	#	75	61	0.20
	Belfort	29.94	56	WSW	3	r	29.99	?	54	53	− 6	N	o	m	#	r	#	64	52	0.32
	Lyons ...	30.03	60	NW	1	m	29.98	+.04	59	56	o	N	1	bw	#	m	#	65	50	-
	Nice	29.83	66	N	0	c	29.85	−.05	64	58	o	E	1	c	2	c	#	77	59	-
	Perpignan ...	29.99	74	NW	3	b	30.01	−.03	66	61	o	SW	1	b	#	b	#	78	57	-
	Biarritz ...	30.05	68	NNE	3	b	30.00	−.13	64	62	− 2	WSW	4	r	2	b	#	72	61	0.04
Peninsula.	Corunna ...																#			
	Lisbon	30.04	66	NNW	6	b	30.02	−.10	67	60	− 4	N	5	b	#	b	#	84	63	-
	Azores (P. Delgada)	30.35	72	NNE	4	bc	30.32	−.05	70	66	− 2	ENE	4	c	2	bc	#	79	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE. *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0.6 hrs; Eastbourne 11.4 hrs; Hastings (St. Leonards) 12.7 hrs.

WEATHER CHARTS

FOR Thursday, 30th July, 1896.

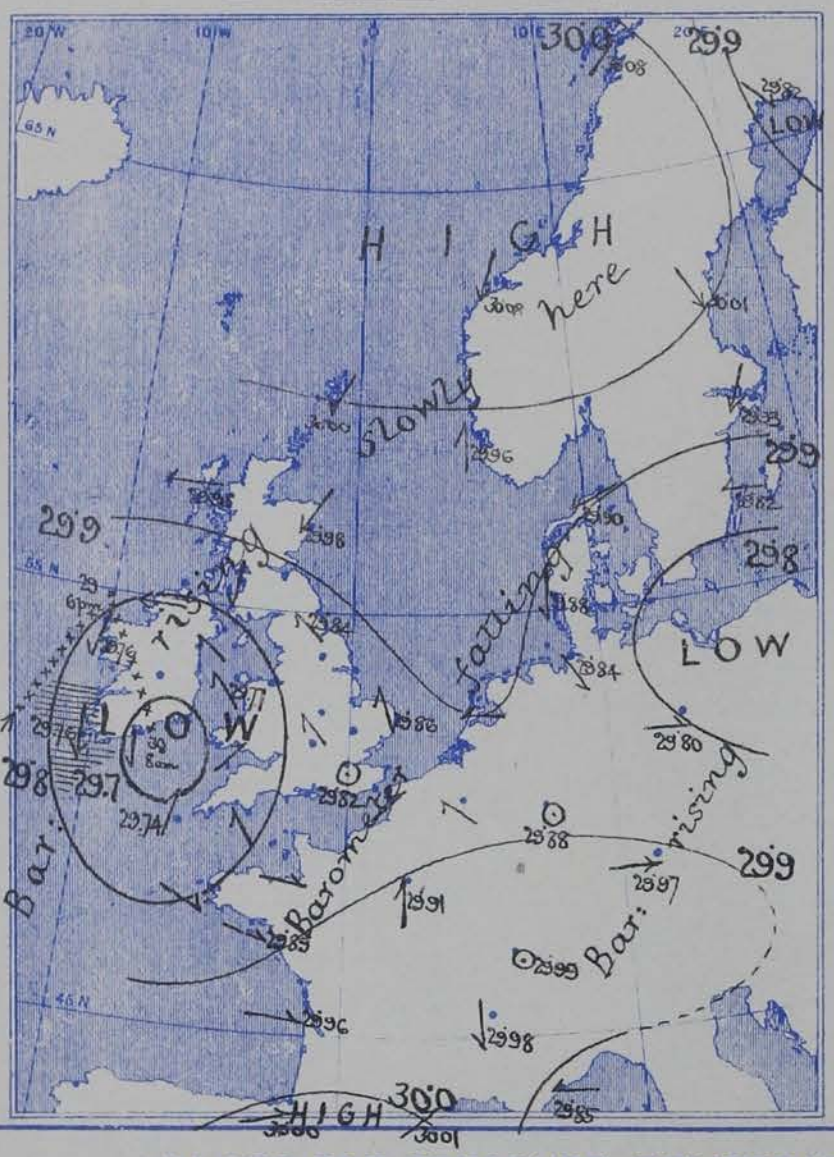
BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ⟶⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA—Rough ▤ ; High ▩

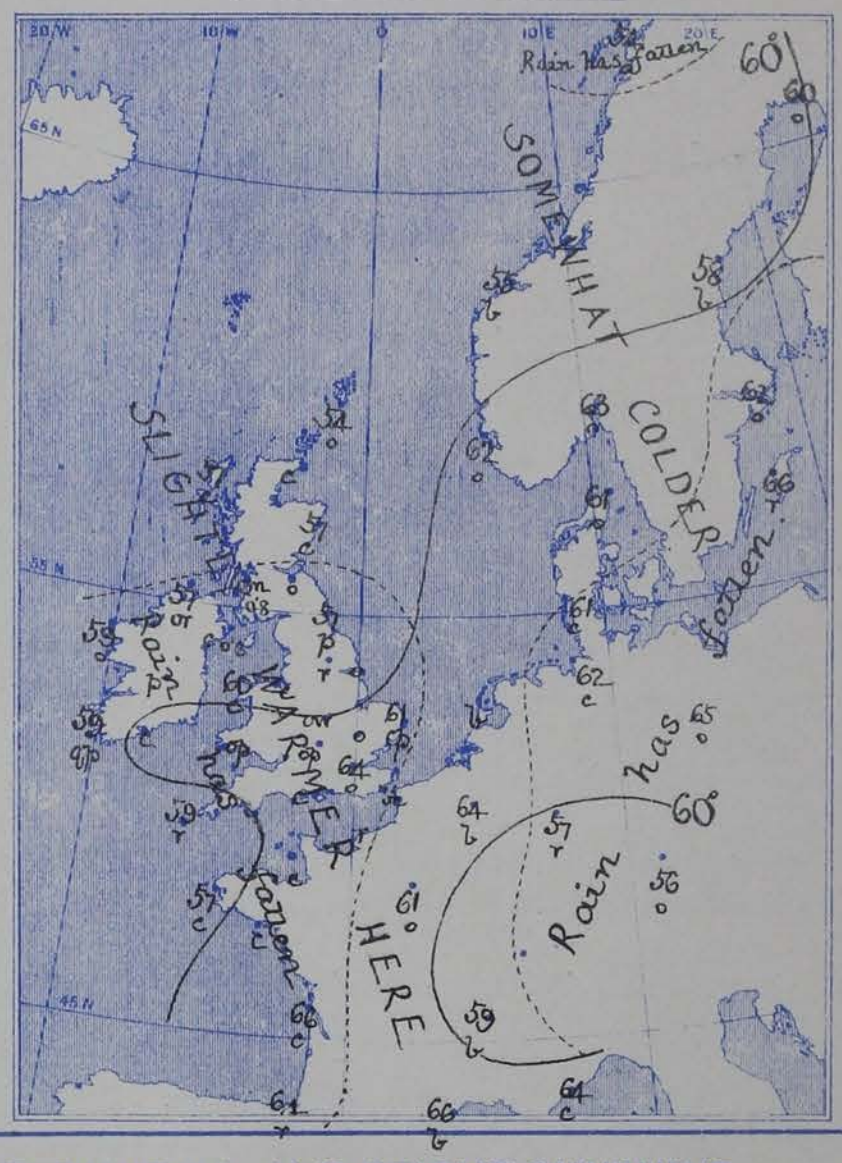


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those withou' rain. The fall in past 24 hours when exceeding half an inch is shown thus—0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours.	Per cent. of possible.
	(*Inches.*)	°	°	°	°	°		°		(*Inches.*)		
Sumburgh Head	29 · 789	53 · 3	51 · 7	57 · 5	48 · 3	69	1893	37	1888	2 · 36	—	—
Stornoway	29 · 800	55 · 4	53 · 7	60 · 2	49 · 0	76	1894	32	1888	3 · 08	143 · 6	27
Wick	29 · 813	55 · 8	53 · 6	61 · 6	48 · 9	81	1876	31	1875	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	38	1889	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	83	1885	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	85	1873	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	41	1888	2 · 69	—	—
Spurn Head	29 · 892	59 · 4	56 · 6	64 · 8	54 · 9	84*	1881	44*	1888	1 · 78	—	—
York	29 · 899	59 · 1	55 · 8	68 · 5	51 · 8	89	1873	40	1887	2 · 78	163 · 3	32
Loughborough	29 · 927	60 · 9	57 · 2	71 · 1	52 · 5	90*	1881	39*	1888	2 · 35	—	—
Ardrossan	29 · 856	57 · 3	54 · 7	63 · 5	52 · 7	81	1873	40	1889	2 · 86	—	—
Donaghadee	29 · 880	57 · 3	55 · 4	63 · 2	52 · 2	81	1876	40	1883	2 · 82	—	—
Holyhead	29 · 909	58 · 1	55 · 8	63 · 7	54 · 2	83	1894	43	1888	2 · 37	—	—
Liverpool	29 · 905	59 · 3	55 · 4	65 · 9	54 · 1	89	1873	44	1877	2 · 99	—	—
Parsonstown	29 · 914	57 · 9	54 · 8	66 · 2	51 · 4	89	1876	37	1889	2 · 98	136 · 5	27
Valencia	29 · 937	59 · 0	56 · 4	63 · 9	53 · 6	80	1878	43	1885	4 · 23	153 · 8	31
Roche's Point	29 · 933	58 · 8	55 · 9	65 · 8	53 · 3	84	1876	45	1888	3 · 18	—	—
Pembroke	29 · 933	57 · 9	55 · 9	62 · 4	54 · 8	80	1878	45	1888	2 · 53	199 · 7	40
Scilly	29 · 969	60 · 2	58 · 1	64 · 4	56 · 2	75	1886	48	1875	2 · 47	—	—
Prawle Point	29 · 977	59 · 5	57 · 2	64 · 4	53 · 8	82*	1885, 87	42*	1888	2 · 39	—	—
Jersey	29 · 998	62 · 0	58 · 9	68 · 2	56 · 3	90	1873	46	1877	2 · 54	230 · 0	48
Hurst Castle	29 · 963	61 · 1	58 · 8	67 · 7	55 · 4	84	1876	43	1888	2 · 39	—	—
Dover	29 · 950	61 · 7	58 · 4	66 · 7	56 · 0	80	1881	40	1890	2 · 05	—	—
LONDON	29 · 953	61 · 8	57 · 6	72 · 0	54 · 0	95	1881	41	1877	2 · 48	162 · 0†	33†
Oxford	29 · 943	59 · 8	56 · 4	69 · 4	53 · 3	90	1876	41	1888	2 · 68	185 · 5	38
Cambridge	29 · 934	61 · 1	57 · 6	71 · 6	52 · 1	92	1893	39	1878	2 · 62	189 · 6	38
Yarmouth	29 · 923	60 · 7	57 · 6	66 · 2	54 · 8	87	1881	42	1872, 90	2 · 89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·0 in: and upwards, over the Spanish Peninsula and the extreme south of France, and also in another area lying over the northern and central parts of Scandinavia
Lowest, 29·7 in: and less, in a small depression lying at the mouth of the St George's Channel; 29·8 in: and less, in a large shallow system over North Germany and the Baltic.
Gradients slight. Barometer rising in the west and north of our Islands, as well as at most of the Scandinavian stations, but falling elsewhere.

TEMPERATURE — Highest, 67° at Lisbon, 66° at Wisby, Biarritz and Perpignan, 65° at Hurst Castle and Berlin, and 64° in London, and at Brussels, Biarritz and Nice.
Lowest (1) 54° at Bodö and Lemburgh Hd., 55° at Christiansund, Wick and Leith, and 56° at Nairn; (2) 54° at Belfort, and 56° at Munich.
During yesterday the thermometer rose to 70° and upwards at many of the English stations and to 76° at Cambridge.

WIND — Moderate from the N. in the south of Iceland and from the W. in the west of France, light from the S. (SE to SW) over England.
Light to fresh from the E. or NE. over the northern parts of our Islands and the southern parts of Scandinavia.
W. in Germany; variable in the south of France.

WEATHER — Cloudy over Western Europe as a whole, with showers in many parts of Ireland and England, and with rain at Wisby, Wiesbaden, and Biarritz.
Fine and bright over the more central parts of Scandinavia, as well as in the Netherlands and the south of France.
Rain fell yesterday in many parts of Western Europe, the largest amounts being 0·8 in: at Ardrossan and 0·6 in: at Donaghadee.
A Solar halo was seen at Scilly early this morning.

SEA — Slight or smooth generally, but rather rough at Valencia (Ireland).

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression near the mouth of the St George's Channel appears to be moving southwards. E. winds seem likely to extend over our Islands, but in the southern districts the weather will probably remain showery for a time.

FORECASTS

For the 24 hours ending at NOON on 31st JULY, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. and NE. winds, light; fair generally
1	SCOTLAND EAST	
2	ENGLAND N.E.	E. winds, light; cloudy and showery at first then fair.
3	ENGLAND EAST	S. to SE. or E. winds, light; cloudy, some showers.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	Same as No 2
7	ENGLAND N.W.	
8	ENGLAND S.W.	S. to Variable breezes, cloudy, showery.
9	IRELAND NORTH	N. to NE. winds, moderate; cloudy and showery at first then fair.
10	IRELAND SOUTH	
	WARNINGS	At 10·20 am to districts 0, 6, 7, 9, 10, and part of 1. "Lower Cone".

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·91	65	59	NNW	6	b	2
Sumburgh Head	29·98	58	55	ESE	2	b	3
Stornoway	29·79	63	57	E	3	o	3
Aberdeen	29·90	57	54	SE	3	bc	3
Shields	29·81r	61	58	E	3	bc	2
Ardrossan	29·74	56	55	E	4	rm	5
Malin Head ...	29·59	60	60	SSE	2	o	2
Belmullet	29·59	60	58	NNW	2	o	*
Holyhead	29·73	59	59	S	7	qdm	5
Valencia	29·78	59	58	N	5	op	5
Scilly	29·85	65	64	N	4	cp	4
Jersey	29·96	67	61	SSW	4	o	3
Hurst Castle ...	29·93	68	61	SSW	4	c	3
Dungeness ...	29·93	67	59	SW	3	b	2
North Foreland	29·92	70	57	SE	3	b	2
London (Westminster)	29·90	73	60	SSW	2	bc	*
Yarmouth ...	29·93	64	58	SE	4	b	3
Rochefort ...	30·11	72	64	NNW	4	bc	*

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning rainy over the western parts of Great Britain and the north of Ireland, dull in the north and east of Scotland. Fine in England and many of the Continental countries, but cloudy in Scandinavia, Denmark, Germany, northern Italy, and the south of France; rain falling at Karlstad and also at Belfort. Rain or passing showers reported later in many parts of Western Europe; amount large at some of our more northwestern stations.

Temperature rises in most of the western and central countries, but changed irregularly elsewhere. Morning readings highest 83° at Patras, 82° at Trieste and Sfax and 80° at Athens; above 70° over central, southern, and eastern Europe generally. Lowest (1) 51° at Le Mans and 57° at Limoges, (2) 53° at Christiansund and 54° at Aberdeen and Ardrossan. Rising during day to 70° and upwards at several of the English stations and to 76° at Cambridge; reaching 78° at Perpignan, 79° at Nancy and 81° at Berlin.

Wind fresh from the W^ly in the west and south of Ireland: strong from the S^ly on the west coasts of Great Britain; light from the SE^ly on our north and east coasts. SW^ly over Ireland and the northern parts of Scandinavia. SE^ly in Poland, E^ly or NE^ly over North Germany and the Baltic, N^ly in the Netherlands, NW^ly over France. N^ly over Southern Europe generally, but rather variable at the Mediterranean stations. Moderately later on our western coasts, and backing to the E^ly in Ireland.

Barometer highest 30·1 in: and upwards, in an anticyclone over the Spanish Peninsula, the Bay of Biscay, and the west of France; 30·0 in: and upwards in another system over Russia. Lowest 29·6 in: and less, in a depression off the northwest of Ireland; 29·8 in: and less, over the north of Scandinavia, and also in a shallow disturbance over Germany. Irish depression subsequently spreading slowly southeastward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 31st July, 1896.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·00	59	W	0	c	30·08	+·26	64	59	+ 4	W	0	b	*	c	*	72	54	-
	Hernösand ...	30·05	58	W	0	b	30·10	+·09	65	57	+ 7	NE	2	bc	*	b	*	72	46	-
	Stockholm ...	29·98	60	NE	4	0	29·97	+·04	66	63	+ 4	NNE	2	b	*	0	*	66	54	-
	Wisby	29·90	66	NE	4	0	29·89	+·07	67	66	+ 1	E	4	0	*	0	*	72	63	0·04
	Karlstad ...	29·98	62	W	0	0	29·99	+·01	62	55	+ 2	E	2	0	*	r.0	*	*	*	-
	Bodö	30·17	52	NW	2	0	30·21	+·13	53	48	- 1	N	2	c	1	0	*	55	48	0·04
	Christiansund ...	30·09	57	NNE	8	b	30·10	+·02	55	52	0	ENE	6	b	3	b	*	61	50	-
	Skudesnaes ...	29·96	64	N	6	bc	29·93	-·03	64	61	+ 2	W	0	0	1	c,bc	*	68	57	*
	Færder (Christiania Fjord)	29·97	63	N	1	0	29·96	-·01	63	58	0	NE	4	0	2	0	*	66	63	0·08
	Skagen (The Scaw)	29·91	61	ENE	3	r	29·89	-·01	63	62	+ 2	E	3	0	0	r	*	63	59	0·12
	Fanö	29·85	62	NNW	2	0	29·80	-·08	64	62	+ 3	W	0	c	*	0	*	68	61	-
British Islands.	Sumburgh Head	30·02	55	NE	4	0	30·04	+·04	54	52	0	NE	3	0	4	0	*	58	52	-
	Stornoway ...	30·03	57	E	3	0	30·05	+·10	55	52	- 2	E	3	0	3	c.0	4·5	62	51	-
	Wick	30·07	58	E	2	bc	30·06	+·07	55	54	0	E	2	d	2	bc	*	62	52	0·05
	Nairn	30·01	58	E	2	c	30·02	+·07	56	53	0	W	1	b	1	c	*	59	47	-
	Aberdeen ...	30·01	56	NE	2	b	30·01	+·03	56	53	- 1	NW	3	c	1	b	7·3	61	49	-
	Leith	29·97	56	E	3	0	30·02	+·14	55	52	0	NE	1	0	*	0	*	57	51	0·02
	Shields	29·94	59	NE	2	0	30·01	+·17	56	52	- 1	NNE	3	0	2	p.c	*	62	53	0·01
	Spurn Head ...	29·86	61	E	4	op	29·95	+·13	59	56	0	NNE	3	c	3	bc,op	*	64	56	-
	York	29·81	66	E	1	c	29·98	+·16	58	55	- 1	E	1	c	*	c	5·3	71	53	0·19
	Loughborough ...	29·82	66	NE	2	c	29·95	+·13	60	57	0	NE	3	c	*	op.c,om	*	71	58	0·11
	Ardrossan ...	29·93	59	NNE	4	cm	30·00	+·17	58	55	+ 1	NE	2	bm	1	om,cm	*	61	51	-
	Malin Head ...	29·91	59	SE	3	bcm	29·98	+·21	59	58	+ 2	ESE	4	bm	2	c,bc	*	60	55	-
	Belmullet ...	29·89	62	N	4	b	29·95	+·19	58	58	- 1	NE	1	of	*	bc,b	*	64	58	-
	Donaghadee ...	29·90	61	NNW	3	cm	30·01	+·22	57	55	- 1	NNE	3	c	1	c	*	64	55	-
	Liverpool (Bidston)	29·81	68	ENE	1	0	29·95	+·17	61	55	+ 1	ENE	2	0	?	bc,om	*	72	57	-
	Holyhead ...	29·83	60	N	2	r	29·94	+·17	61	59	+ 1	ENE	3	bc	2	cp.rm	*	62	57	0·06
	Parsonstown ...	29·84	69	E	1	bc	29·98	+·26	57	56	- 2	W	0	0	*	c, a	4·3	69	51	-
	Valencia ...	29·88	62	N	5	cm	30·00	+·24	61	59	+ 2	N	2	om	3	om,cm	4·3	64	57	0·01
	Roche's Point ...	29·83	64	E	2	bc	29·97	+·28	60	57	- 1	NNW	3	b	3	bc	*	70	55	-
	Pembroke (St. Ann's Hd.)	29·80	63	NW	2	c	29·90	+·17	62	60	+ 1	ENE	3	bm	2	bc	7·9	65	57	-
	Scilly	29·73	64	NNW	2	op	29·90	+·16	62	59	+ 3	N	1	c	3	cp.op	4·8	65	58	0·12
	Prawle Point ...	29·79	58	SSE	4	r	?29·88	+·07	67	65	+ 7	N	3	b	2	rm,p	*	67	54	0·07
	Jersey (St. Aubin's)	29·81	67	SW	4	bcp	29·85	-·01	63	59	0	NE	3	op	3	bc,p	*	70	59	0·16
	Hurst Castle ...	29·82	69	SSW	1	b	29·87	+·05	61	59	- 4	NNW	3	0	1	bc	*	71	259	-
	Dungeness ...	29·81	63	WSW	2	r	29·83	·00	64	63	+ 1	ENE	2	c	1	c,r	*	66	59	0·01
	North Foreland	29·82	65	E	2	0	29·87	+·02	63	60	+ 2	E	3	0	2	0	*	67	60	0·15
	London (Brixton) ...	29·79	67	SE	1	c	29·89	+·07	60	59	- 4	NE	3	opq	*	c.ap?,or	1·4	74	58	0·35
	Oxford	29·81	66	S	2	0	29·91	+·10	62	59	+ 2	NE	4	0	*	c.0	*	73	58	-
	Cambridge ...	29·82	65	ESE	1	0	29·92	+·09	62	59	0	NE	2	0	*	c.0	2·5	72	56	0·08
	Yarmouth ...	29·85	64	ESE	3	bc	29·91	+·05	62	58	+ 1	NNE	4	bcv	3	b,bc	*	66	59	-
Germany & Holland.	Cuxhaven ...	29·83	67	NNE	3	0	29·79	-·05	63	63	+ 1	NE	1	0	*	r.0	*	72	61	0·08
	Berlin	29·79	66	W	1	0	29·82	+·02	62	60	- 3	NNW	1	r	*	0	*	70	61	0·20
	Wiesbaden ...	*	*	*	*	*	29·88	·00	57	55	0	NW	1	c	*	*	*	61	50	0·20
	Munich	29·98	57	SW	2	c	29·96	-·01	59	56	+ 3	E	4	bc	*	c	*	64	46	-
	The Helder ...	29·88	64	ENE	3	c	29·87	-·03	62	57	- 1	NNW	1	bc	1	c	*	66	61	-
Belgium.	Brussels ...	*	*	*	*	*	29·86	-·03	57	56	- 1	ENE	2	0	*	0	*	76	56	-
	Cape Gris Nez ...	29·82	65	W	0	0	29·82	-·01	60	58	- 5	E	2	r	2	0	*	68	57	0·12
	Paris	29·83	66	WSW	2	0	29·84	-·07	61	60	0	NE	1	0	*	0	*	71	59	0·08
	Brest	29·77	61	SW	3	r	29·82	-·01	59	59	+ 2	NNE	2	bc	2	r	*	66	50	0·20
	Lorient	29·80	66	SW	5	c	29·89	·00	61	59	0	WNW	4	0	3	c	*	68	54	0·04
France &	Rochefort ...	29·84	68	NW	4	c	29·85	-·11	61	61	- 5	S	3	r	*	c	*	73	59	0·32
	Belfort	29·87	59	E	1	0	29·85	-·14	59	54	+ 5	WSW	1	m	*	0	*	74	52	-
	Lyons	29·85	71	E	1	c	29·89	-·09	63	59	+ 4	NNE	1	0	*	c.r	*	76	57	0·16
	Nice	29·84	68	W	0	b	29·82	-·03	69	63	+ 5	W	0	bc	1	b	*	77	58	-
	Perpignan ...	29·91	70	W	0	0	29·91	-·10	63	62	- 3	SW	1	0	*	0	*	85	59	0·12
	Biarritz ...	29·99	66	NW	4	0	29·91	-·09	61	59	- 3	WSW	5	r	4	0	*	70	59	0·20
Peninsula.	Corunna ...																*			
	Lisbon	30·01	63	NNE	5	b	29·99	-·03	66	58	- 1	N	6	b	*	b	*	75	61	-
	Azores (P. Delgada)	30·82	68	NE	3	b	30·31	-·01	71	65	+ 1	NE	1	c	1	b	*	77	66	-

For Explanation of Columns, see bottom of last page. † *Received too late for Insertion in Charts on next page.*

NOTE: *The Sunshine for London given in this Table is now recorded on the tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 1·6 hrs; Eastbourne 11·6 hrs; Hastings (St. Leonards) 3·3 hrs.

WEATHER CHARTS

FOR Friday, 31st July, 1896.

BAROMETER, WIND AND SEA.

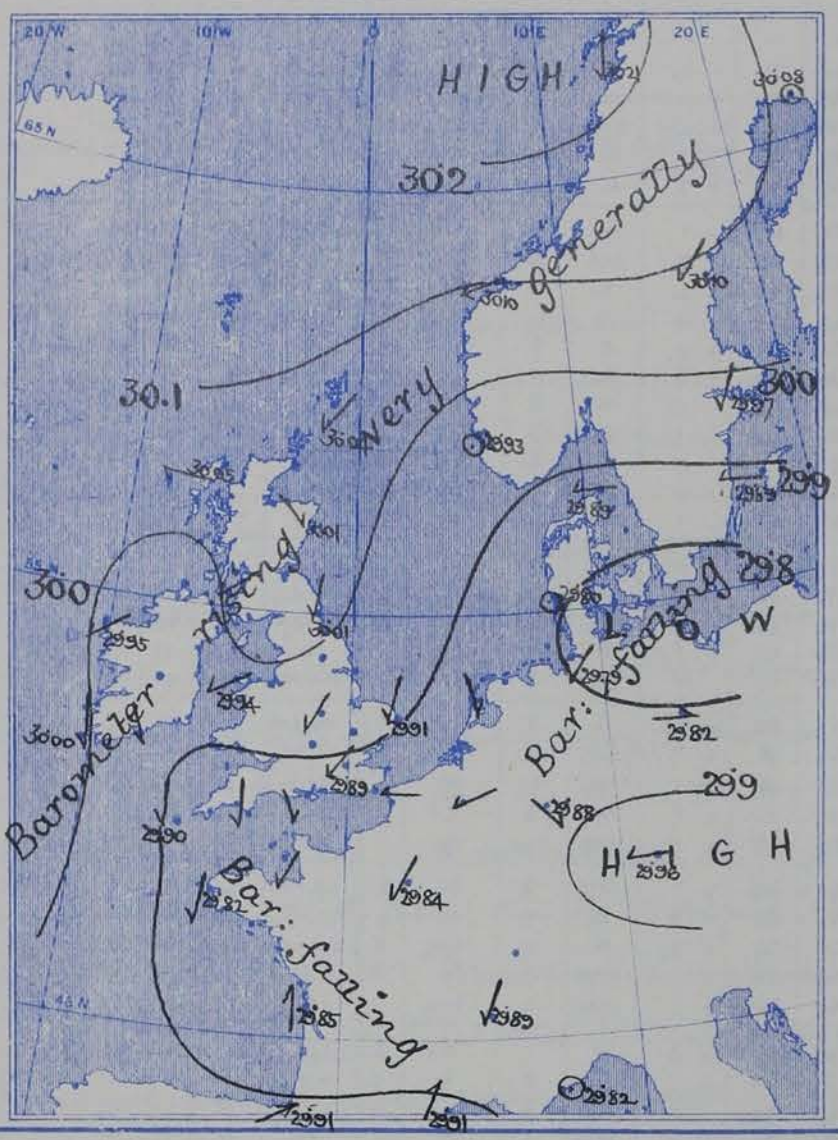
BAROMETER—Isobars are drawn for each tenth of an inch.

WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙

Force 8 to 10 ⟫⟶ ; *Force 1 to 4* ⟶ ; }

SEA—Rough ▤ ; *High* ▦

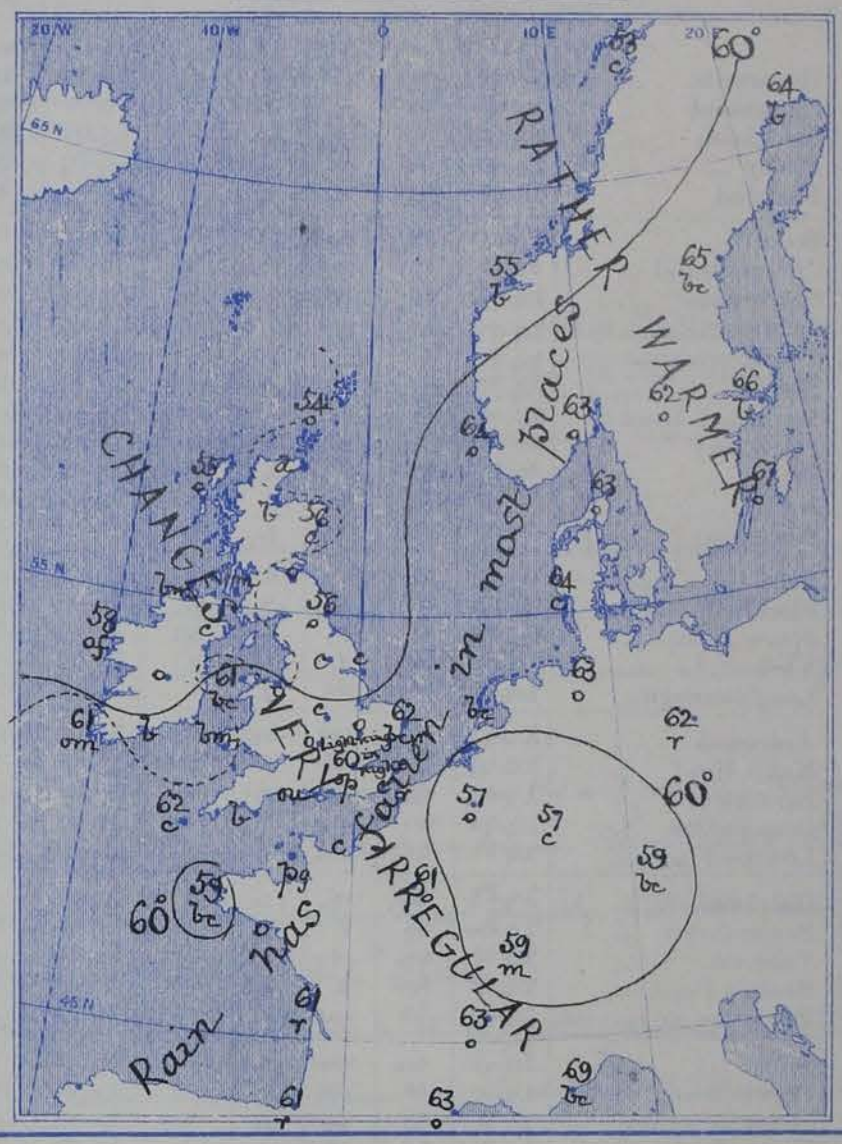


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

RAINFALL—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours when exceeding half an inch is shown thus---0·6.



VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE IN THE MONTH OF JULY.

STATIONS.	PRESSURE AT 8 A.M. Means, 1871—95.	TEMPERATURE OF AIR. 1871-95. Means of				Absolute Extremes.				RAINFALL. Means, 1866—95.	BRIGHT SUNSHINE. Means, 1881—95.	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.	Years.	Minimum.	Years.		Hours	Per cent. of possible.
	(Inches.)	°	°	°	°	°		°		(Inches.)		
Sumburgh Head	29·789	53·3	51·7	57·5	48·3	69	1893	37	1888	2·36	—	—
Stornoway	29·800	55·4	53·7	60·2	49·0	76	1894	32	1888	3·08	143·6	27
Wick	29·813	55·8	53·6	61·6	48·9	81	1876	31	1875	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	38	1889	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	83	1885	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	85	1873	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	41	1888	2·69	—	—
Spurn Head	29 892	59·4	56·6	64·8	54·9	84*	1881	44*	1888	1·78	—	—
York	29·899	59·1	55·8	68·5	51·8	89	1873	40	1887	2·78	163·3	32
Loughborough	29·927	60·9	57·2	71·1	52·5	90*	1881	39*	1888	2·35	—	—
Ardrossan	29·856	57·3	54·7	63·5	52·7	81	1873	40	1889	2·86	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	81	1876	40	1883	2·82	—	—
Holyhead	29·909	58·1	55·8	63·7	54·2	83	1894	43	1888	2·37	—	—
Liverpool	29·905	59·3	55·4	65·9	54·1	89	1873	44	1877	2·99	—	—
Parsonstown	29·914	57·9	54·8	66·2	51·4	89	1876	37	1889	2·98	136·5	27
Valencia	29·937	59·0	56·4	63·9	53·6	80	1878	43	1885	4·23	153·8	31
Roche's Point	29·933	58·8	55·9	65·8	53·3	84	1876	45	1888	3·18	—	—
Pembroke	29·933	57·9	55·9	62·4	54·8	80	1878	45	1888	2·53	199·7	40
Scilly	29·969	60·2	58·1	64·4	56·2	75	1886	48	1875	2·47	—	—
Prawle Point	29·977	59·5	57·2	64·4	53·8	82*	1885, 87	42*	1888	2·39	—	—
Jersey	29·998	62·0	58·9	68·2	56·3	90	1873	46	1877	2·54	230·0	48
Hurst Castle	29·963	61·1	58·8	67·7	55·4	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON	29·953	61·8	57·6	72·0	54·0	95	1881	41	1877	2·48	162·0†	33†
Oxford	29·943	59·8	56·4	69·4	53·3	90	1876	41	1888	2·68	185·5	38
Cambridge	29·934	61·1	57·6	71·6	52·1	92	1893	39	1878	2·62	189·6	38
Yarmouth	29·923	60·7	57·6	66·2	54·8	87	1881	42	1872, 90	2·89	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † Now given for Westminster only.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in. and upwards, in an anticyclone lying off the northwest of Norway.
Lowest, 29·8 in. and less, in a shallow depression over North Germany and the south of Denmark.
Gradients slight. Barometer falling a little in Denmark and the south of Scandinavia, and also in the southern parts of France, but rising elsewhere.

TEMPERATURE

Highest (1) 69° at Nice and 66° at Lisbon; (2) 67° at Prawle Point; (3) 67° at Wisby, 66° at Stockholm, and 65° at Hernösand.
Lowest, (1) 53° at Bodö, 54° at Scarborough W.S., and 55° at Christiansund, Stornoway, Wick, and Leith; (2) 57° at Brussels and Wiesbaden.
During yesterday the thermometer rose to 70° and upwards in many parts of England and also in Sweden, to 76° at Brussels, 77° at Nice, and 85° at Perpignan.

WIND

Light from the NE.ward over the greater part of our Islands, the North Sea and Scandinavia, but N. on our southwest coasts.
SW. over the southeastern parts of France; light and variable over Germany, the Netherlands, and Central France.

WEATHER

Fair over Western Europe generally, but dull in many places, showery in London and at Jersey, and rainy in the southwest of France.
Since yesterday morning rain has fallen in many parts of Great Britain, France, Denmark, and Germany,—rather heavily in London. Lightning was seen in London last evening, and heavy showers occurred locally.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which lay over our southwest coasts yesterday has moved away southeastwards, and has apparently filled up. The distribution of pressure is still rather irregular, but the weather over our Islands seems likely to remain fair in most districts.

FORECASTS

For the 24 hours ending at NOON on 1ST AUGUST, 1896.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NE. winds, light; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	NE. and N. winds, light; fair generally.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 3 to 5
7	ENGLAND N.W.	
8	ENGLAND S.W.	N. and NW. winds, light; fair generally.
9	IRELAND NORTH	Same as Nos. 0 to 2
10	IRELAND SOUTH	Same as No. 8
	WARNINGS	NONE ISSUED.

Note.—The **South Cone**, *point downwards* (▼), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.97	68	62	NW	4	c	2
Sumburgh Head	30.03	56	54	NE	3	o	4
Stornoway	30.01	60	56	E	3	c	3
Aberdeen	30.00	59	56	NE	3	b	1
Shields	29.93	60	58	ENE	3	cp	3
Ardrossan	29.90	59	58	NNE	3	om	2
Malin Head ...	29.86	60	59	E	6	c	3
Belmullet	29.86	64	62	N	4	bc	*
Holyhead	29.82	60	60	N	2	cp	1
Valencia	29.82	63	61	N	6	om	6
Scilly	29.71	63	62	N	3	cp	4
Jersey	29.84	67	57	NSW	3	bc	3
Hurst Castle ...	29.82	71	62	SSW	2	bc	2
Dungeness ...	29.82	65	63	SW	3	c	2
North Foreland	29.83	66	62	SE	2	o	2
London (Westminster)	29.80	70	62	SE	2	c	#
Yarmouth ...	29.85	66	61	ESE	3	b	3
Rochefort ...	29.96	70	65	NW	N	c	#

GENERAL REMARKS ON THE WEATHER OVER EUROPE
DURING THE PAST 24 HOURS.

Weather in morning cloudy over Western Europe generally and also in Italy, with showers in many parts of England and Ireland, and with steady rain at Wisby, Wiesbaden, Biarritz, and Leghorn. Fine and light over Austria and Russia, and also over the Spanish Peninsula. Improvement taking place in Ireland later, but rain falling in many parts of Great Britain, France, Germany, and Denmark, rather heavily in London, where lightning occurred in the evening.

Temperature rises over Western Europe generally and also over Denmark and the Baltic, but falls in most other localities. Morning readings highest (1) 82° at Patras, 80° at Athens, and 79° at Sfax; (2) 79° at Memel and Neufahrwasser and 76° at Riga; above 70° over the greater part of Russia, Italy, and Austria. Lowest (1) 54° at Bodö and Sumburgh Hd., and 55° at Christiansund, Wick and Leith; (2) 54° at Limoges and Belfast, and 56° at Munich. Rising during day to 70° and upwards at several of the English stations, and also in Sweden; exceeding 75° over Spain and the south of France, and reaching 85° at Perpignan.

Wind moderate from the W.ly over the Bay of Biscay, light from the SW.ly or S.ly over the English Channel; SE. in the east of England; E. or NE. over Scotland and the north of Ireland; N. in the south of Ireland. Variable over the northern part of Scandinavia, NE. over Denmark and the south of Scandinavia, light from the NE.ly in Germany; S. in Poland and Austria. Variable over the greater part of southern Europe. No important change occurring during day.

Barometer highest 30·0 in. and upwards, in a large area lying over Scandinavia and the adjacent parts of the Atlantic, and also in smaller systems lying respectively over the southwest of France, central Algeria, and Morocco, and the extreme south of Spain. Lowest 29·7 in. and less, in a depression at the mouth of the St. Georges Channel; 29·8 in. and less, in a large shallow area over Germany and the Baltic. Former depression subsequently moving southeastwards across the southwest of England; barometer rising on all but our southern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

N.B.—The morning observations are now made at 8 a.m. in the British Islands, Belgium, Germany, Sweden, and Norway, at 7 a.m. in France, and at 9 a.m. in Spain and Portugal. The evening observations are made at 8 p.m. at Oxford, but at 6 p.m. at the other stations in the British Islands and in France; at 8 p.m. in Sweden, Norway and Germany. The time at each Station is the Standard Time of its Country.

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ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Corunna	30.25	68	NE	6	b	30.25	-.05	68	60	+ 1	NE	4	b	9	b	-	68	57	-
2	Corunna	30.22	65	NE	5	b	30.17	-.08	64	59	- 4	N	6	b	4	b	-	70	55	-
4	Corunna	30.18	67	N	6	b	30.21	-	65	61	-	N	1	b	4	b	-	68	54	-
6	Baparanda ...	29.74	67	S	0	b	29.79	+.09	69	-	+ 6	S	0	b	x	b	-	77	59	-
.	Corunna	30.10	71	NW	1	m	30.09	-.11	66	64	- 1	WNW	5	bc	6	m	-	77	57	-
7	Corunna	29.99	70	WNW	4	m	30.03	.00	64	63	- 2	NW	5	m	5	m	-	72	57	-
8	Corunna	30.04	65	NW	3	b	30.02	-.01	63	61	- 1	E	5	b	3	b	-	68	57	-
9	Cape Gris Nez	30.04	63	W	3	o	30.06	+.19	66	-	- 1	SE	1	c	1	o	-	72	59	-
.	Corunna	30.00	65	NW	5	m	30.03	+.01	73	66	+ 10	SSW	6	o	4	m	-	73	61	-
10	Corunna	30.07	65	W	2	m	30.19	+.16	64	62	- 9	NNW	5	o	6	m	-	73	59	-
11	Corunna	30.21	65	NNW	5	o	30.19	.00	65	62	+ 1	NNW	2	b	3	o	-	68	55	-
13	Corunna	30.12	68	N	6	b	30.11	-.08	65	63	- 1	NW	4	b	5	b	-	72	59	-
14	Corunna	30.04	73	WNW	4	b	30.05	-.06	64	63	- 1	NW	5	f	3	b	-	73	57	-
15	Corunna	30.01	65	NNW	5	f	30.08	+.03	66	64	+ 2	N	6	o	4	f	-	68	61	-
16	Corunna	30.07	65	N	6	bc	30.15	+.07	66	58	0	NE	4	c	5	bc		68	61	-
17	Corunna	30.10	68	NE	4	b	30.09	-.06	71	61	+ 5	NE	6	b	5	b	-	72	59	-
18	Corunna	30.05	72	NE	6	b	30.08	-.01	73	63	+ 2	N	4	b	3	b	-	73	63	-
20	Corunna	29.99	66	W	4	bc	29.99	-.06	61	61	- 8	W	5	f	1	bc	-	64	55	-
21	Lorient	30.10	76	ENE	2	c	29.95	-.09	61	54	- 2	N	1	b	1	c	-	?	55	-
..	Corunna	29.99	68	W	4	f	30.15	+.16	67	62	+ 6	WNW	5	b	4	f	-	68	57	-
22	Brussels	-	-	-	-	-	29.91	+.02	66	-	- 9	SW	4	o	-	o	-	86	55	-
..	Corunna	30.17	66	WNW	6	m	30.27	+.12	64	59	- 3	WNW	5	o	5	m	-	68	57	0.04
23	Corunna	30.24	64	NW	5	b	30.15	-.12	61	58	- 3	N	5	b	?	b	-	?	?	-
24	Corunna	30.08	63	NNW	5	bc	29.98	-.17	67	59	+ 6	N	2	bc	0	bc	-	68	52	-
..	Azores (P. Delgada)	30.24	69	NW	1	c	30.14	-.16	72	-	+ 1	WNW	3	b	2	c	-	75	68	0.12
25	Corunna	29.93	70	NNW	3	bc	29.92	-.06	66	62	- 1	S	4	o	3	bc	-	72	54	-
27	Corunna	30.06	67	NW	4	bc	30.12	+.12	63	58	- 4	NW	5	c	4	bc	-	68	59	-
28	Corunna	30.13	72	NW	4	bc	30.23	+.11	62	58	- 1	NW	5	bc	3	bc	-	?	52	-
29	Corunna	30.20	64	N	5	bc	30.14	-.09	68	61	+ 6	W	4	o	2	bc	-	70	48	-
30	Corunna	30.11	66	WNW	6	c	30.09	-.05	64	60	- 4	W	5	o	5	c	-	70	57	-
31	Corunna	30.00	66	N	5	c	30.06	-.03	66	62	+ 2	W	5	b	6	c	-	68	57	-

REPORTS FOR JULY 1896.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-
"	Cuxhaven	-	-	-	-	-	-	-	-	-	-	-	-	-	-	tlr	-	-	-	-
3	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·12
"	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	56	-
6	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14·9	-	-	-
7	Aberdeen	-	-	N	-	-	-	-	-	-	-	-	-	-	-	-	6·3	-	-	-
-	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10·1	-	-	-
8	York	29·87	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·6	-	-	-
"	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61+	-	-
9	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·0	-	-	-
"	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-
10	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61+	-	-
11	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·9	-	-	-
12	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8·3	-	-	-
-	Prawle Point	-	-	-	-	-	30·22	-·03	-	-	-	-	-	-	-	-	-	-	-	-
14	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	0·29
15	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·01
16	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·2	64	-	-
"	Pembroke	-	-	-	-	-	-	-	-	57	-	-	-	-	-	-	-	-	-	-
17	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	47	-
"	Prawle Point	30·24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Hurst Castle 2pm	-	-	-	-	-	-	-	73	-	-	-	-	-	-	-	-	-	-	-
18	Holyhead	-	-	-	-	-	-	-	-	-	-	WNW	-	-	-	-	-	-	-	-
"	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-
"	Hurst Castle	-	69	-	-	-	30·28	-	-	-	-	-	-	-	-	-	-	75	-	-
-	Jersey 2pm	-	-	-	-	-	30·30	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Shields	-	-	-	-	-	-	-	-	-	-	SW	-	-	-	-	-	-	-	-
"	Belmullet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-
21	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	-
"	Parsonstown	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	-	-	-
22	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·60
"	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-
23	Jersey 2pm	-	-	-	-	-	30·11	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9·5	-	43	-
25	Hurst Castle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	72	-	-
26	Stornoway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-
"	Spurn Head	-	-	-	-	-	-	-	-	-	-	SSW	-	-	-	-	-	-	-	-
"	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-
-	Prawle Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
"	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	62	-
27	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·2	-	-	-
28	Lorient	-	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	York	-	-	-	-	-	29·93	-·24	-	-	-	-	-	-	-	-	-	-	-	-
-	Hurst Castle	-	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3·49	-
30	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·5	-	-	-