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METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS

1ST JULY TO 31ST DECEMBER, 1900.

DAILY WEATHER REPORT.

July to December 1900.

1824. 2. 01.

E. Weller & Grahams. Ltd Litho. London

DAILY WEATHER REPORT

for 8 a.m. on Sunday 1st July 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. **W. N. SHAW**., *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	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	29.70	60	N	4	c	29.63	−·05	63	59	− 1	SE	2	bc	•	c	•	70	54	—
	Hernösand	29.60	59	E	2	o	29.55	−·18	58	56	− 7	S	6	o	•	o	•	70	48	—
	Stockholm	29.74	62	S	4	o	29.66	−·15	58	57	− 5	S	4	o	•	o	•	70	54	0.16
	Wisby	29.81	59	SSW	4	o	29.68	−·20	60	58	+ 2	SSW	4	r	•	o	•	66	52	0.08
	Karlstad	29.67	58	SSW	4	r	29.58	−·20	58	55	− 2	SSW	6	c	•	r	•	•	•	0.08
	Bodö	29.63	57	N	5	b	29.45	−·37	58	52	+ 5	E	6	bc	2	b	•	58	46	—
	Christiansund ..	29.47	55	ENE	2	r	29.47	−·24	55	52	− 2	W	4	r	3	r	•	61	54	0.43
	Skudesnaes ...	29.55	56	SSW	6	bc	29.50	−·18	57	56	+ 2	S	4	c	3	r,bc	•	57	54	•
	Færder (X'iania Fjord)	29.59	58	S	4	o	29.56	−·17	61	56	+ 1	WSW	4	b	3	o	•	61	57	0.08
	The Scaw (Skagen)	29.63	55	SW	2	m	29.63	−·18	56	55	0	SW	2	m	0	m	•	59	52	0.35
	Fanö	29.67	57	SW	4	bc	29.65	−·13	60	58	0	SSW	4	c	•	bc	•	63	55	0.12
British Islands.	Sumburgh Head ...	29.37	55	WSW	1	b	29.37	−·01	54	52	+ 2	WSW	1	o	3	m,b	•	56	46	0.28
	Stornoway	29.36	56	S	3	o	29.37	·00	55	53	+ 3	W	3	r	3	c	7.7	62	49	0.05
	Wick	29.39	60	S	1	r	29.41	+·03	56	55	− 1	S	1	r	1	bp	•	64	49	0.40
	Nairn	29.39	60	W	3	c	29.39	−·01	58	54	− 1	WSW	2	bc	1	c	•	66	45	—
	Aberdeen	29.42	62	SW	3	c	29.41	−·03	61	55	− 1	E	2	b	1	pc	8.2	66	47	0.07
	Leith	29.46	62	W	1	o	29.43	−·07	58	56	− 2	WSW	1	c	•	o	•	69	52	0.15
	Shields	29.54	65	SW	3	bc	29.40	−·17	59	57	0	SW	2	o	2	bc,r	•	67	54	0.15
	Spurn Head ...	29.59	66	SW	5	c	29.49	−·18	61	60	+ 2	WSW	6	c	3	c	•	70	56	—
	Loughborough ...	29.65	62	SW	3	o	29.56	−·15	62	57	+ 1	WSW	4	bc	•	bc,c,op	•	69	56	0.01
	Malin Head ...	29.42	57	S	1	cpm	29.44	·00	58	55	+ 0	W	3	bcp	2	cpm	•	59	52	0.02
	Blacksod Pt. ...	29.42	57	WSW	2	cp	29.47	−·03	56	55	0	WSW	4	cpq	4	cp	•	59	51	0.45
	Donaghadee ...	29.45	57	SW	2	op	29.47	−·07	53	53	− 3	NNE	1	rq	2	op	•	60	50	0.17
	Liverpool (Bidston)	29.59	58	SSW	2	o	29.54	−·12	57	55	+ 1	SW	4	o	3	c,p,o	•	67	55	0.29
	Holyhead	29.55	56	SSW	4	dm	29.56	−·07	57	54	+ 1	W	3	b	3	dm, dm	•	60	53	0.12
	Parsonstown ...	29.42	60	SE	1	r	29.56	−·03	57	55	0	SW	1	o	•	r	2.6	62	51	0.24
	Valencia	29.49	58	SW	5	o	29.61	+·03	57	54	+ 1	SW	4	o	5	om,o	0.6	60	53	0.20
	Roche's Point ...	29.49	58	SW	5	o	29.64	−·01	58	54	+ 2	WSW	4	c	3	r,o	•	59	54	0.20
	Pembroke (St. Ann's Hd.)	29.54	56	SW	6	r	29.65	−·05	55	54	0	WSW	6	cg	5	r	0.7	58	54	0.10
	Scilly	29.65	59	SSW	5	op	29.71	−·03	59	57	+ 1	SW	3	om	4	omp, op	0.3	62	57	0.08
	Jersey (St. Aubin's) ...	29.85	63	SW	3	og	29.82	−·05	59	57	0	SW	6	og	4	r,o,p	•	63	58	0.42
	Portland Bill ...	29.79	57	WSW	3	c	29.74	−·06	57	56	0	WNW	4	bc	3	omd, c	•	60	53	0.02
	Dungeness	29.78	58	WSW	5	o	29.68	−·03	59	57	+ 2	WSW	6	c	5	o	•	61	56	0.03
	London (Brixton) ...	29.74	61	SSW	3	o	29.67	−·11	62	56	+ 6	WSW	4	c	•	o,b	0.3	66	55	—
	Oxford	29.69	58	SW	3	o	29.64	−·10	61	54	+ 2	WSW	4	b	•	o,p	•	65	56	0.02
	Yarmouth	29.68	66	SW	4	bc	29.56	−·19	64	59	+ 8	WSW	4	bc	4	c,bc	•	68	55	0.01
Germany.	Cuxhaven	29.75	59	Z	0	o	29.70	−·12	58	57	− 1	SW	4	o	•	o	•	61	55	0.04
	Berlin	29.79	70	S	2	r	29.79	−·16	61	59	− 2	W	3	o	•	r	•	75	57	0.12
	Frankfürt	29.91	60	W	2	r	29.86	−·07	59	58	− 4	SW	2	r	•	r	•	81	57	0.28
	Munich	29.99	67	W	1	b	30.02	−·01	64	60	0	SW	2	o	•	b	•	77	61	—
France & Netherlands.	The Helder ...	29.73	59	SW	3	c	29.64	−·14	61	59	+ 1	SSW	3	bc	2	c	•	63	57	—
	Brussels	•	•	•	•	•	29.74	−·10	60	59	− 3	SW	4	r	•	c	•	66	53	0.28
	C. Gris Nez ...																•			
	Paris	29.91	64	N	3	o	29.86	−·08	59	59	− 4	SSW	3	r	•	o	•	71	59	0.28
	Brest	29.83	59	SSW	3	f	29.83	−·05	58	57	0	W	2	o	2	f	•	63	57	—
	Lorient	29.89	62	SW	5	mw	29.87	−·05	59	58	− 1	W	4	f	5	mw	•	68	59	0.04
	Rochefort	29.99	67	WSW	3	bc	29.96	−·04	66	64	+ 1	W	4	o	•	bc	•	68	63	—
	Belfort	29.91	70	W	6	o	29.91	−·05	66	60	+ 4	WSW	4	o	•	o	•	78	61	—
	Lyons	29.97	79	S	1	bc	30.00	−·01	71	61	+ 3	SSW	1	b	•	bc	•	85	59	—
	Nice	29.94	71	SW	1	c	29.97	+·05	71	65	+ 2	Z	0	b	0	c	•	81	64	—
	Perpignan	30.00	83	NW	3	b	30.02	−·02	74	67	+ 1	Z	0	b	•	b	•	89	61	—
	Biarritz	30.00	71	N	1	b	30.02	−·01	66	63	0	S	1	o	2	b	•	75	63	—
Span. Pen.	Corunna	29.95	75	SW	3	b	30.01	−·07	68	64	+ 2	?	3	o	3	b	•	95	63	—
	Lisbon	30.17	66	N	4	b	30.14	−·01	69	64	+ 1	NNE	4	b	•	b	•	75	63	—
	Azores (P. Delgada)	30.28	70	W	4	o	30.24	−·01	70	69	− 1	W	3	o	2	o	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 5·1 *hrs.*

WEATHER CHARTS

FOR Sunday, 1st July, 1900.

BAROMETER, WIND AND SEA.

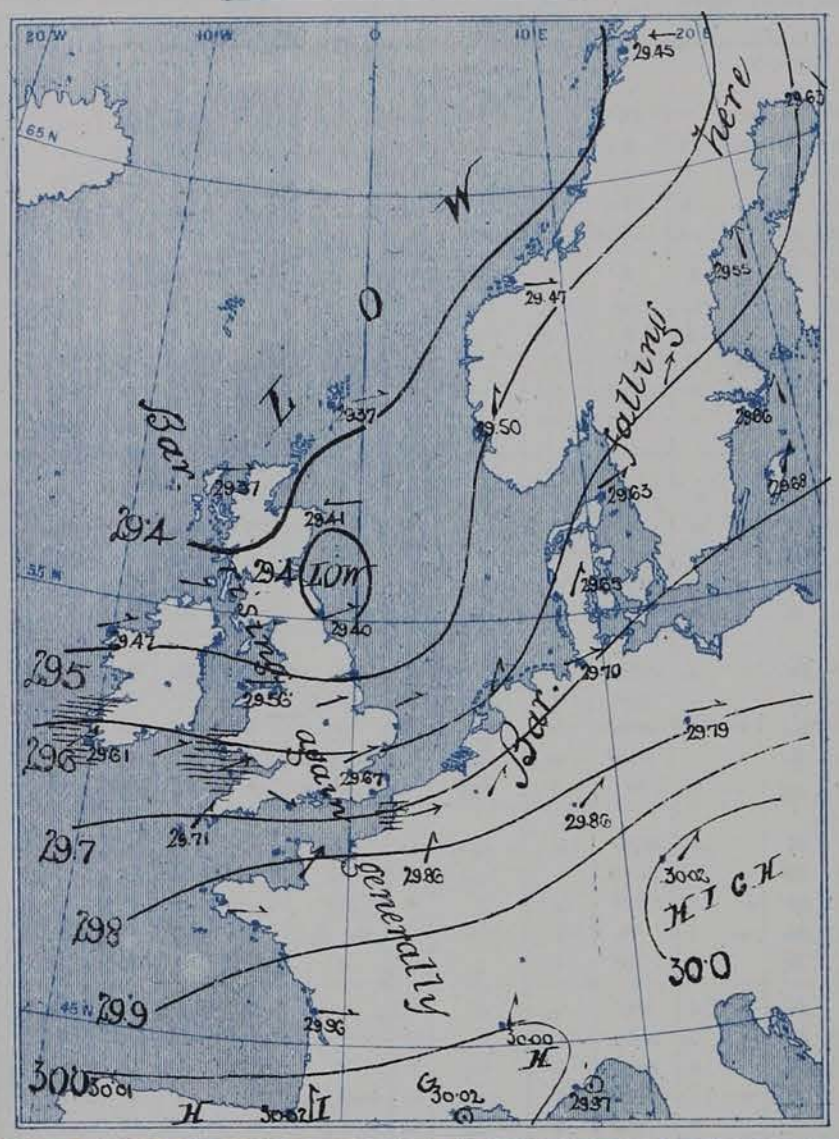
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

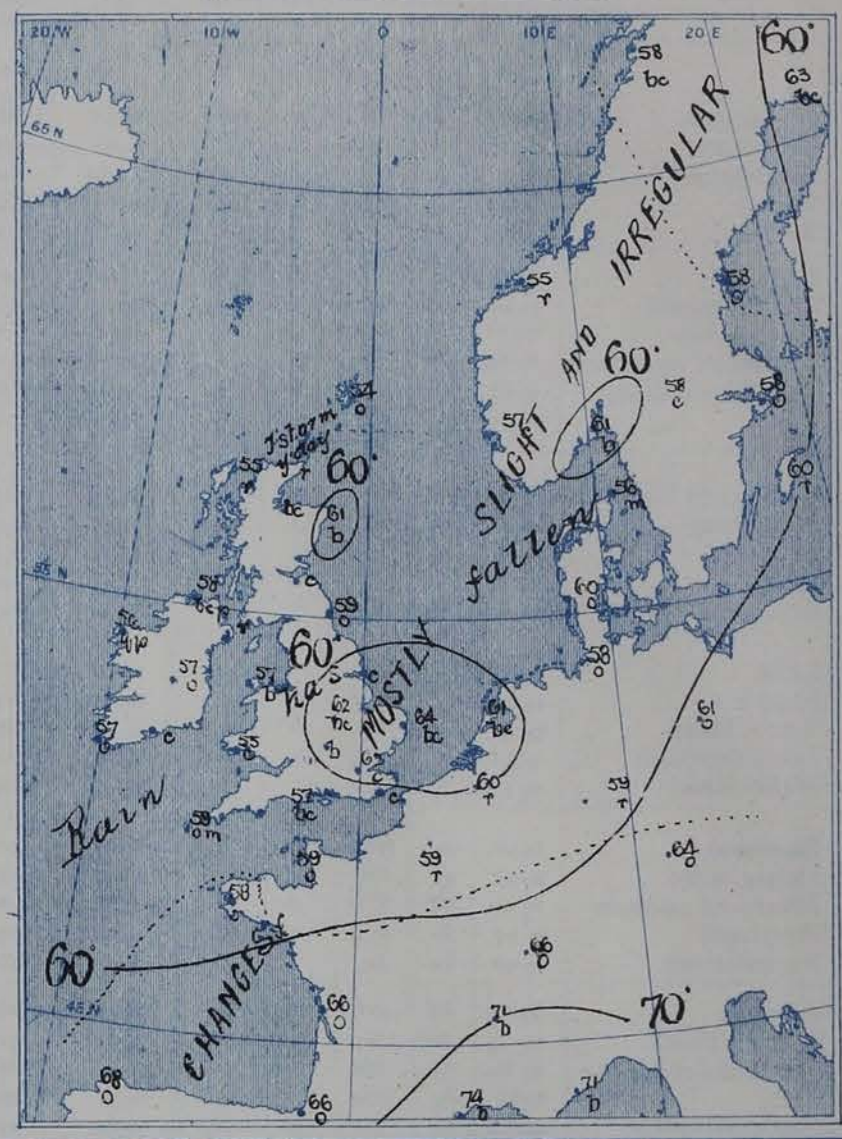


TEMPERATURE AND WEATHER.

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	30	1886	2 · 52	—	—
Nairn	29 · 817	56 · 7	53 · 4	64 · 3	50 · 6	86	1876	37	1886	2 · 73	—	—
Aberdeen	29 · 831	57 · 4	53 · 7	63 · 6	50 · 7	86	1876	39	1884, 87	2 · 84	160 · 8	31
Leith	29 · 846	58 · 3	54 · 7	66 · 4	51 · 2	90	1876	41	1887, 88, 92	2 · 80	—	—
Shields	29 · 866	58 · 1	54 · 9	63 · 9	51 · 9	85	1876	40	1885	2 · 69	—	—
Spurn Head	29 · 896	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	—	—
Malin Head	29 · 851	55 · 9	53 · 7	60 · 9	53 · 5	—	—	--	—	—	—	—
Belmullet	29 · 889	57 · 5	54 · 9	62 · 2	53 · 8	—	—	—	—	3 · 59	—	—
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 · 5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 in: and more to 30·0 in: over Portugal, Spain, and the southwest of France, and spreading 300 m. over South Germany.
Lowest, Below 29·4 in: over the north of Scotland and the Shetlands, and off the northwest coast of Norway—also in a small secondary disturbance near St Abbs Head.
Gradients slight in the north, moderate in the south. Barometer falling a little in the east, steady elsewhere.

TEMPERATURE

Highest, (1) 74° to 71° in the south of France, 60° and more over Central England; (2) 63° at Haparanda, 61° at Lerwick.
Lowest, 54° at Lerwick Hd., 55° at Christiansund, the Hebrides and Pembroke, 53° at Donaghadee.
The maximum readings recorded in our Islands yesterday were 70° at Spurn Hd., 69° at Leith, 68° at Yarmouth, 67° at Liverpool, 66° in London.
On the Continent they were 81° at Frankfort, 77° at Valentia, 71° at Paris, 85° at Dijon, 89° at Perpignan, 95° at Corunna.

WIND

Moderate to strong from WSW. over the southern parts of our Islands, moderate from SW. on the eastern shores of the North Sea, and from S. on the Swedish coasts. In Scotland it is light and variable, (E. at Aberdeen) and in France mainly SW. and light.

WEATHER

Rather showery at the northern stations and also at Paris, Brussels and Frankfort, cloudy, and unsettled over England and North Germany. Rain has fallen generally over our Islands, Germany, Belgium, and over the northern parts of France, but the amounts reported were slight.
Bright Sunshine recorded yesterday varied from 0·3 hr: in London and at Scilly, to 8·2 hrs at Aberdeen.

SEA

Moderate or rather rough in the southwest and south, slight to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 2nd JULY 1900

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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.59	56	55	SSE	4	r	3
Sumburgh Head	29.35	52	52	SW	1	m	3
Stornoway... ...	29.35	62	55	WSW	3	o	3
Aberdeen	29.42	66	55	SW	4	bq	3
Shields	29.54	67	57	SW	3	c	2
Malin Head ...	29.43	56	54	SW	3	pm	3
Blacksod Pt.. ...	29.44	59	56	SW	4	c	4
Holyhead	29.61	60	57	SW	4	cm	3
Valencia	29.46	60	59	S	4	om	5
Scilly	29.72	60	58	SSW	5	omp	3
Jersey	29.89	60	58	SW	3	o	3
Portland Bill ...	29.80	57	57	WSW	4	omd	4
Dungeness ...	29.79	60	57	WSW	5	o	4
London (Westminster)	29.74	67	58	WSW	4	o	*
Yarmouth ...	29.69	63	60	SW	3	c	3
Rochefort ...	30.00	66	64	SW	3	o	*

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

Weather in morning cloudy generally, with rain occasionally in almost all parts of our Islands and the neighbouring parts of the Continent. The rain falling later not measuring much except at Wick (where a thunderstorm occurred) at some of our eastern stations and in some part of France and Belgium.

Temperature rather low in our Islands for time of year. Morning readings highest 82° at Biskra, 77° to 73° on the coasts of Tunis and Algeria, 69° to 60° over the southern half of France; 66° at Moscow, 68° at Ukeaborg, 65° to 60° in Sweden and the east of Scotland. Lowest 52° at Sumburgh Head and Stornoway, 55° at Malin Head, 56° on the shores of the Irish Sea and at Yarmouth.

Winds (1) Light and variable over Central and southeastern Europe, S. to E. on the eastern shores of the North Sea; (2) SW. to S. light to moderate over our Islands generally, but SE at Sumburgh Head; very variable over the Mediterranean. No decided change later, except in the Netherlands, where the wind shifted to SW.

Barometer highest (1) 30·1 ins: and more over Algeria and the southwest of the Spanish Peninsula, and ranging between 30·0 ins: and 29·9 ins: all over southeastern, southern, and Central Europe; (2) 29·82 ins: at Bodö. Lowest (1) 29·4 ins: and less, over the north of Scotland, the Hebrides and Shetlands; (2) 29·8 ins: and less, over Central Russia. Falling over our Islands all day, especially at Valencia, appearance very disturbed.

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, 2nd July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.60	56	SW	2	r	29.82	+.19	56	55	-7	SW	4	o	•	r	•	64	52	0.08
	Hernösand	29.55	57	S	2	o	29.59	+.04	54	53	-4	NE	2	f	•	o	•	61	54	-
	Stockholm	29.63	60	S	2	b	29.65	-.01	61	59	+9	E	0	c	•	b	•	69	55	-
	Wisby	29.66	60	SSW	4	b	29.69	+.01	62	57	+2	W	4	b	•	b	•	64	54	-
	Karlstad	29.61	63	WSW	2	b	29.58	.00	58	57	0	S	6	o	•	b	•	•	•	0.08
	Bodö	29.46	51	E	0	o	29.54	+.09	50	48	-8	SW	2	b	1	o	•	59	48	0.04
	Christiansund	29.53	56	W	1	o	29.51	+.04	56	53	+1	ENE	3	c	2	o	•	57	52	-
	Skudesnaes	29.49	57	N	4	r	29.53	+.03	56	55	-1	NW	2	c	2	c.r	•	61	52	•
	Færder (X'tiania Fjord)	29.59	60	S	3	o	29.50	-.06	59	58	-2	SSW	5	o	3	o	•	63	57	0.08
	The Scaw (Skagen)	29.61	58	SSW	1	o	29.57	-.06	58	57	+2	SW	2	o	2	o	•	66	55	0.28
	Fanö	29.62	59	SSW	4	c	29.66	+.01	61	58	+1	SW	4	c	•	c	•	64	57	-
British Islands	Sumburgh Head	29.43	56	SSW	1	bc	29.50	+.13	56	54	+2	E	0	c	2	b,bc	•	59	50	-
	Stornoway	29.42	61	NNW	3	o	29.50	+.13	55	54	0	S	2	r	2	p.c.o	6.9	62	50	0.12
	Wick	29.45	58	SE	1	r	29.52	+.11	60	58	+4	SE	1	c	1	r	•	60	48	0.30
	Nairn	29.44	60	W	1	o	29.51	+.12	56	55	-2	W	1	o	1	o	•	68	45	0.11
	Aberdeen	29.46	55	SSE	2	cp	29.54	+.13	59	55	-2	ESE	2	c	1	b.cp	9.1	63	51	0.11
	Leith	29.46	66	WSW	5	c	29.54	+.11	60	55	+2	W	3	c	•	c	•	70	51	0.03
	Shields	29.52	62	WSW	3	c	29.58	+.18	61	56	+2	WSW	2	c	2	r.c	•	64	52	0.03
	Spurn Head	29.62	63	WSW	4	c	29.64	+.15	62	61	+1	WSW	2	bc	1	c	•	66	56	-
	Loughborough	29.66	61	WSW	2	c	29.66	+.10	59	55	-3	WSW	1	c.w	•	bc.c	•	68	51	-
	Malin Head	29.46	58	W	2	c	29.53	+.09	56	54	-2	WSW	3	bc	2	p.c	•	60	53	0.05
	Blacksod Pt.	29.51	58	W	4	bc	29.59	+.12	56	55	0	W	3	c	3	c.bc	•	59	52	0.07
	Donaghadee	29.51	56	WNW	1	c	29.56	+.09	55	54	+2	WNW	2	c.q	3	cp	•	59	47	0.19
	Liverpool (Bidston)	29.60	61	SW	4	c	29.63	+.09	57	54	0	WSW	2	bc	2	p.c	•	64	54	-
	Holyhead	29.60	56	SW	4	ou	29.63	+.07	57	55	0	W	2	o	1	c.ou	•	59	51	-
	Parsonstown	29.58	58	W	1	r	29.63	+.07	57	54	0	W	1	o	•	r	1.0	60	48	0.01
	Valencia	29.64	59	SW	3	cp	29.66	+.05	58	54	+1	SW	3	o	5	o.cp	2.6	60	53	0.03
	Roche's Point	29.65	57	SW	4	c	29.66	+.02	56	53	-2	SSE	2	b	2	o.c	•	60	51	-
	Pembroke (St. Ann's Hd.)	29.68	56	WSW	5	c	29.66	+.01	56	55	+1	W	1	cp	2	c	2.1	59	54	0.01
	Scilly	29.74	58	SW	3	opm	29.66	-.05	57	57	-2	SSW	1	r	3	o.pm	0.0	61	55	0.13
	Jersey (St. Aubin's)	29.81	60	SSE	3	q mr	29.69	-.13	60	59	+1	NW	2	fa	2	c.rm	•	63	57	0.77
	Portland Bill	29.76	55	WSW	2	r	29.71	-.03	55	54	-2	WSW	1	o q	1	cm.r	•	60	52	0.28
	Dungeness	29.77	58	W	5	o	29.69	+.01	58	57	-1	E	0	c	2	bc,o	-	65	55	0.13
	London (Brixton)	29.72	62	W	2	o	29.70	+.03	58	56	-4	SW	1	o	•	bcp.r	3.6	67	55	0.13
	Oxford	29.69	59	SW	3	o	29.68	+.04	58	55	-3	SW	2	o	•	bc.o	•	65	54	-
	Yarmouth	29.66	66	WSW	4	b	29.65	+.09	59	56	-5	WSW	1	c	3	b	•	69	55	0.02
Germany	Cuxhaven	29.68	69	W	3	b	29.71	+.01	59	58	+1	SW	3	o	•	b	•	64	55	-
	Berlin	29.77	66	SSW	1	bc	29.83	+.04	65	59	+4	W	3	c	•	bc	•	72	57	-
	Frankfürt	29.89	64	SW	2	o	29.86	.00	63	62	+4	SW	2	r	•	o	•	68	59	0.32
	Munich	30.04	65	SE	2	c	30.04	+.02	68	63	+4	E	0	c	•	c	•	75	57	0.04
France & Netherlands	The Helder	29.68	61	SW	4	bc	29.70	+.06	57	56	-4	SSW	2	r	1	bc	•	64	57	0.08
	Brussels	•	•	•	•	•	29.73	-.01	64	63	+4	SW	4	r	•	r	•	69	53	0.24
	C. Gris Nez	29.72	57	WSW	5	o	29.69		58	57		W	2	r	2	o	•	61	55	0.43
	Paris	29.88	67	E	2	o	29.82	-.04	67	64	+8	SW	3	o	•	o	•	69	59	0.20
	Brest	29.75	59	SW	3	f	29.67	-.16	58	58	0	WSW	1	f	3	f	•	61	57	0.59
	Lorient	29.83	62	SW	5	r	29.74	-.13	62	62	+3	SW	5	r	5	r	•	68	59	0.24
	Rochefort	29.96	68	SW	4	be	29.88	-.08	68	65	+2	SSW	1	o	•	bc	•	72	64	-
	Belfort	29.89	72	W	4	c	29.93	+.02	69	62	+3	WSW	4	c	•	c	•	78	60	-
	Lyons	29.93	83	SE	1	c	29.98	-.02	74	65	+3	ESE	1	b	•	c	•	90	63	-
	Nice	29.97	72	SW	2	b	30.01	+.04	66	64	-5	E	0	o	1	b	•	81	63	-
	Perpignan	29.97	65	SE	1	b	29.98	-.04	77	69	+3	E	1	b	•	b	•	87	66	-
	Biarritz	29.98	72	NNW	2	b	29.87	-.15	70	65	+4	E	4	b	3	b	•	81	64	-
Span. Pen.	Corunna																•			
	Lisbon	30.10	67	N	4	b	30.03	-.11	69	64	0	NNW	3	b	•	b	•	79	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 7·7 hrs.

WEATHER CHARTS

FOR Monday, 2nd July, 1900.

BAROMETER, WIND AND SEA.

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

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

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

Force 8 to 10 ⟩⟶ : *Force 1 to 4* ⟶ : }

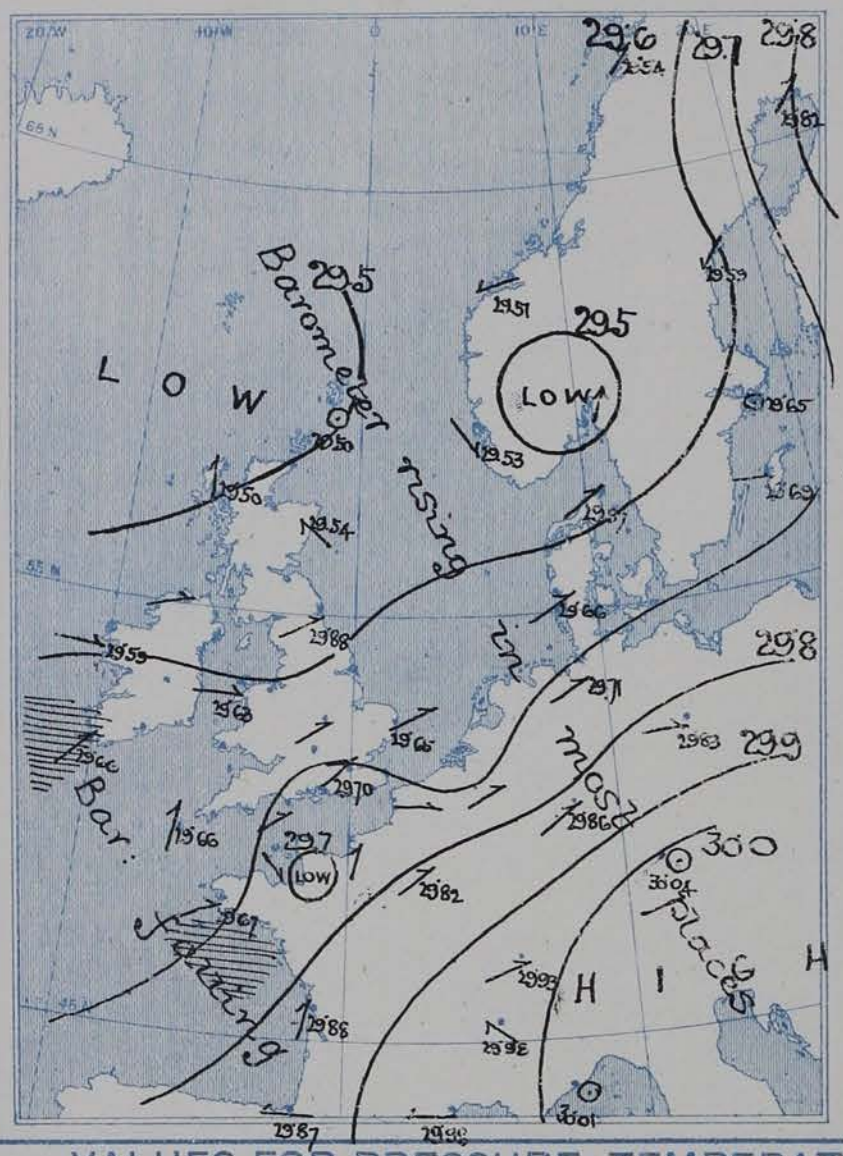
SEA.—Rough ▒ : *High* ▓

TEMPERATURE AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and more to 29·9 in: over Switzerland and the south and southeast of France and South Germany.
Lowest, 29·5 in: and less, off the extreme north of Scotland and in a small disturbance over the south of Norway. [There are other very shallow local disturbances near Jersey and the Straits of Dover].
Gradients slight and in some localities variable in direction.
Barometer changing little and irregularly. It has begun to fall again at Valencia and Scilly.

TEMPERATURE

Highest, 77° at Perpignan, 74° at Lyons, 70 at Biarritz, 69° at Belfort, 62° to 60° on our northeast coasts.
Lowest, 50° at Bodö, 54° at Hernösand, and a little below 60° over nearly the whole of our Islands.
The maxima recorded yesterday, touched 70° at Leith, but not at any other station in the British Islands, though 69° was reached at Yarmouth. At Berlin the maximum was 72°, at Nice 81°, and at Perpignan 87°.

WIND

Very variable in direction, light to moderate in force. In the south of Ireland and at Scilly it has become S^W^ again; in the northern parts of France it is mainly SSW^.

WEATHER

Cloudy, and at times showery over the United Kingdom generally, and also in the north of France.
At Jersey, the fall amounted to 0·77 in:, at Brest to 0·59 in:.
Bright Sunshine varied from 9 hrs: at Aberdeen and 8 hrs: at Southport to 4 hrs in London, none at Scilly.

SEA

Rather rough at Valencia and Lorient, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication of general or permanent improvement in the weather; some fresh disturbance is approaching our southwest coasts, and more showers are probable – and a little thunder in places.

FORECASTS

For the 24 hours ending at NOON on 3^RD^ JULY, 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Variable and SW^ly^ breezes, very light; cloudy, rain at times, thunder in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Variable light breezes; showery, bright intervals, thunder in places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S^th^ to W^ly^ winds, moderate; changeable, showery.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.51	60	57	C	4	c	3
Sumburgh Head	29.41	58	54	SSW	1	b	3
Stornoway... ...	29.41	60	56	WSW	3	c	3
Aberdeen	29.45	60	55	ESE	4	b	1
Shields	29.52	62	54	WSW	3	c	2
Malin Head ...	29.45	58	56	SE	1	r	1
Blacksod Pt.. ...	29.51	59	56	W	4	c	4
Holyhead	29.60	58	55	SW	5	c	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29.63	60	57	SW	4	o	5
Scilly	29.74	60	59	SW	3	o	4
Jersey	29.85	61	57	SW	4	o	3
Portland Bill ...	29.78	58	57	W	4	cm	4
Dungeness ...	29.73	63	58	W	1	hc	6
London (Westminster)	29.72	62	57	W	2	o	*
Yarmouth ...	29.63	68	58	WSW	5	b	4
Rochefort ...	29.96	68	64	WSW	4	o	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM THE 24TH TO THE 30TH JUNE 1900.

At the commencement of this week the barometer was highest (30·1 ins: and more to 30·0 ins:) over the Spanish Peninsula, France, and the west and south of Germany, and somewhat high (30·0 ins: and more) over the extreme north of Europe. Two shallow disturbances lay over north Germany and the south of Norway, and another deeper one, was advancing towards the north of Ireland from the Atlantic. The latter system moved, first, in a southeasterly direction across England, then eastwards over the Netherlands to Germany, where by 8 am on Tuesday a long and complex (but not deep) disturbance having three minima was observed. In its rear i.e. over the British Islands the weather (which had been rough and showery) improved considerably, and only a few sporadic showers occurred for several days, though the sky continued cloudy, or became hazy in many places, and temperature was rather low. Small depressions appeared meanwhile over the northern parts of the Mediterranean and the Adriatic.

On Thursday an anticyclone, in which the barometer stood at 30·0 ins:, covered the whole of Ireland, England, the north of France and west of Germany, and it was in the rear (the western extremity) of this system, a new series of disturbances began to encroach slowly on our Islands from the Atlantic. Their first effect was to cause a temporary burst of fine weather and heat over the Kingdom (maxima over England 73° and over France still higher) but by the close of the week their clouds and showers were dominant in all parts of our Islands, and the winds was moderate from between S. and W.

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 Tuesday 3rd July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.61	58	L	0	b	29.60	— .22	59	56	+ 3	SW	2	c	0	b	0	63	52	—
	Hernösand	29.54	58	L	0	0	29.57	— .02	58	53	+ 4	SW	6	bc	0	0	0	68	50	—
	Stockholm	29.64	61	ENE	2	b	29.71	+ .06	62	57	— 5	WSW	4	b	0	b	0	72	52	—
	Wisby	29.72	62	SSW	4	bc	29.78	+ .09	66	60	+ 4	SSW	4	c	0	bc	0	72	54	—
	Karlstad	29.60	62	SW	2	b	29.70	+ .12	66	56	+ 8	W	2	0	0	b	0	0	0	0.04
	Bodö	29.54	58	NE	2	c	29.58	+ .04	51	49	+ 1	SW	2	c	2	c	0	61	45	—
	Christiansund ...	29.65	54	NE	3	c	29.77	+ .26	52	48	— 4	N	2	0	2	c	0	57	48	—
	Skudesnaes ...	29.67	58	NNW	2	b	29.68	+ .15	58	55	+ 2	N	2	b	1	b	0	61	52	0
	Færder (X'iania Fjord)	29.57	62	SW	6	b	29.65	+ .15	59	56	0	N	1	0	3	b	0	63	59	—
	The Scaw (Skagen)	29.69	58	WSW	2	c	29.67	+ .10	59	57	+ 1	L	0	0	0	c	0	64	55	—
	Fanö	29.69	60	L	0	c	29.58	— .08	64	63	+ 3	S	1	c	0	c	0	66	57	0.04
British Islands.	Sumburgh Head ...	29.61	57	NE	1	c	29.79	+ .29	53	51	— 3	NE	3	0	4	c	0	61	49	0.01
	Stornoway	29.63	55	L	0	r	29.83	+ .33	55	54	0	NE	6	op	6	op, r	2.1	60	48	0.80
	Wick	29.63	60	S	1	c	29.79	+ .27	54	53	— 6	N	3	0	2	c	0	65	50	0.05
	Nairn	29.60	61	L	0	0	29.76	+ .25	56	55	0	ENE	2	c	1	0	0	66	51	0.29
	Aberdeen	29.62	55	NE	1	c	29.75	+ .21	59	55	0	NE	5	bcq	3	bc, c	2.2	62	51	—
	Leith	29.56	62	SSE	2	bc	29.71	+ .17	55	54	— 5	NNE	1	0	0	bc	0	68	52	0.13
	Shields	29.60	59	SE	1	0	29.69	+ .11	53	53	— 8	L	0	r	2	op, 0	0	65	51	0.19
	Spurn Head ...	29.65	58	E	4	r	29.69	+ .05	58	57	— 4	WNW	4	c	2	r	0	66	58	0.24
	Loughborough ...	29.64	57	W	1	0	29.74	+ .08	58	54	— 1	WNW	3	cw	0	c, op, bc	0	65	51	0.04
	Malin Head ...	29.62	58	NW	2	bc	29.79	+ .26	56	54	0	NNW	6	bcq	4	b, bc	0	60	54	—
	Blacksod Pt. ...	29.72	60	NW	3	b	29.95	+ .36	58	55	+ 2	N	4	bc	4	bc, b	0	62	53	0.05
	Donaghadee ...	29.62	58	N	2	c	29.77	+ .21	57	55	+ 2	NNW	4	b	3	c	0	62	49	0.01
	Liverpool (Bidston)	29.66	57	W	1	0	29.76	+ .13	55	52	— 2	WSW	4	c	3	0	0	60	51	—
	Holyhead	29.64	58	SW	2	c	29.80	+ .17	59	55	+ 2	NW	4	b	3	c	0	63	52	—
	Parsonstown ...	29.67	59	NW	1	r	29.90	+ .27	58	54	+ 1	NW	1	c	0	c, p	4.3	65	50	0.03
	Valencia	29.78	59	NW	4	c	29.99	+ .33	58	54	0	NNW	5	bc	5	r, c	10.7	61	54	0.09
	Roche's Point ...	29.71	53	NNW	4	p	29.90	+ .28	57	54	+ 1	NNW	3	c	3	c, p	0	61	52	0.02
	Pembroke (St. Ann's Hd.)	29.68	57	WNW	2	b	29.86	+ .20	56	54	0	NNW	5	bc	4	b	5.0	58	53	—
	Scilly ...	29.72	58	WNW	4	c	29.88	+ .22	59	56	+ 2	WNW	4	bc	3	0, c	5.0	60	55	0.02
	Jersey (St. Aubin's)	29.69	58	NW	4	ogmw	29.90	+ .21	59	56	— 1	W	5	c	4	op, ogmw	0	64	53	0.33
	Portland Bill ...	29.67	55	WNW	3	c	29.84	+ .13	55	53	0	WNW	3	c	2	op, c	0	58	51	0.03
	Dungeness	29.61	60	SW	3	0	29.76	+ .07	60	58	+ 2	WNW	3	bc	3	r, 0	0	60	58	0.10
	London (Brixton) ...	29.62	58	NW	1	ogr	29.78	+ .08	59	54	+ 1	W	2	bc	0	ogr, c	0.0	64	54	0.26
	Oxford	29.64	57	W	1	0	29.78	+ .10	58	53	0	W	3	bc	0	0, r, 0	0	64	49	0.03
	Yarmouth	29.61	59	SSE	3	c	29.67	+ .02	57	55	— 2	WNW	4	bcm	3	bc, c	0	62	54	0.07
France & Netherlands. Germany.	Cuxhaven	29.71	63	SSE	1	0	29.61	— .10	65	64	+ 6	S	3	0	0	0	0	65	59	—
	Berlin	29.80	70	SW	2	c	29.76	— .07	68	65	+ 3	S	2	r	0	c	0	73	63	0.04
	Frankfürt.	29.75	70	L	0	bc	29.80	— .06	67	64	+ 4	S	4	0	0	bc	0	81	63	0.04
	Munich	29.95	72	L	0	b	29.92	— .12	72	65	+ 4	SW	5	bc	0	b	0	82	61	—
	The Helder ...																			
	Brussels	0	0	0	0	0	29.71	+ .04	61	58	— 3	WSW	4	c	0	r, bc	0	74	57	0.32
	C. Gris Nez ...	29.62	60	SW	3	r	29.73	+ .04	57	56	— 1	W	3	c	2	r	0	64	55	0.16
	Paris	29.74	70	WSW	4	0	29.86	+ .04	58	54	— 9	W	2	0	0	0	0	80	57	0.04
	Brest	29.77	59	NW	1	0	29.94	+ .27	57	56	— 1	NW	3	c	3	0	0	63	55	0.28
	Lorient	?	58	NW	5	c	29.94	+ .20	57	57	— 5	WNW	5	c	5	c	0	64	54	1.14
	Rochefort	29.80	66	WNW	3	c	29.92	+ .04	60	57	— 8	N	3	c	0	c	0	86	55	—
	Belfort	29.74	59	NNE	3	c	29.88	— .05	64	62	— 5	SW	2	r	0	c	0	87	62	0.04
	Lyons	29.75	86	S	4	b	29.90	— .08	64	63	— 10	N	1	fbr	0	b, fbr	0	94	62	0.55
	Nice	30.00	67	SW	2	c	29.95	— .06	68	65	+ 2	ESE	1	c	2	c	0	75	63	—
	Perpignan														0		0			
	Biarritz	29.83	71	W	4	c	29.98	+ .11	57	56	— 13	SSW	1	r	3	c	0	88	55	0.59
Span. Pen.	Corunna														0		0			
	Lisbon	30.18	68	NW	4	0	30.26	+ .23	64	54	— 5	NNE	6	b	0	0	0	77	61	—
	Azores (P. Delgada)	30.34	71	NNE	2	c	30.37	+ .11	70	69	+ 1	NNE	3	0	2	c	0	77	69	—

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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 6.1 *hrs.*

WEATHER CHARTS

FOR Tuesday, 3rd July, 1900.

BAROMETER, WIND AND SEA.

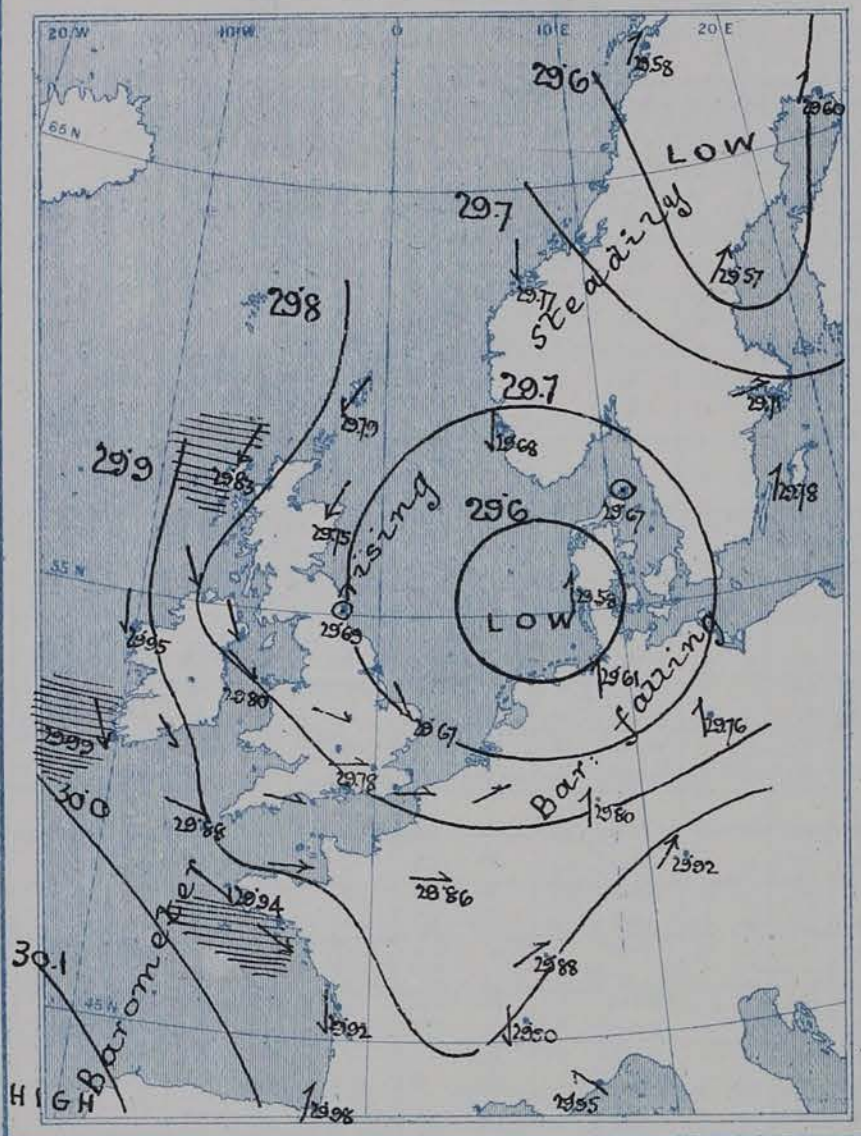
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

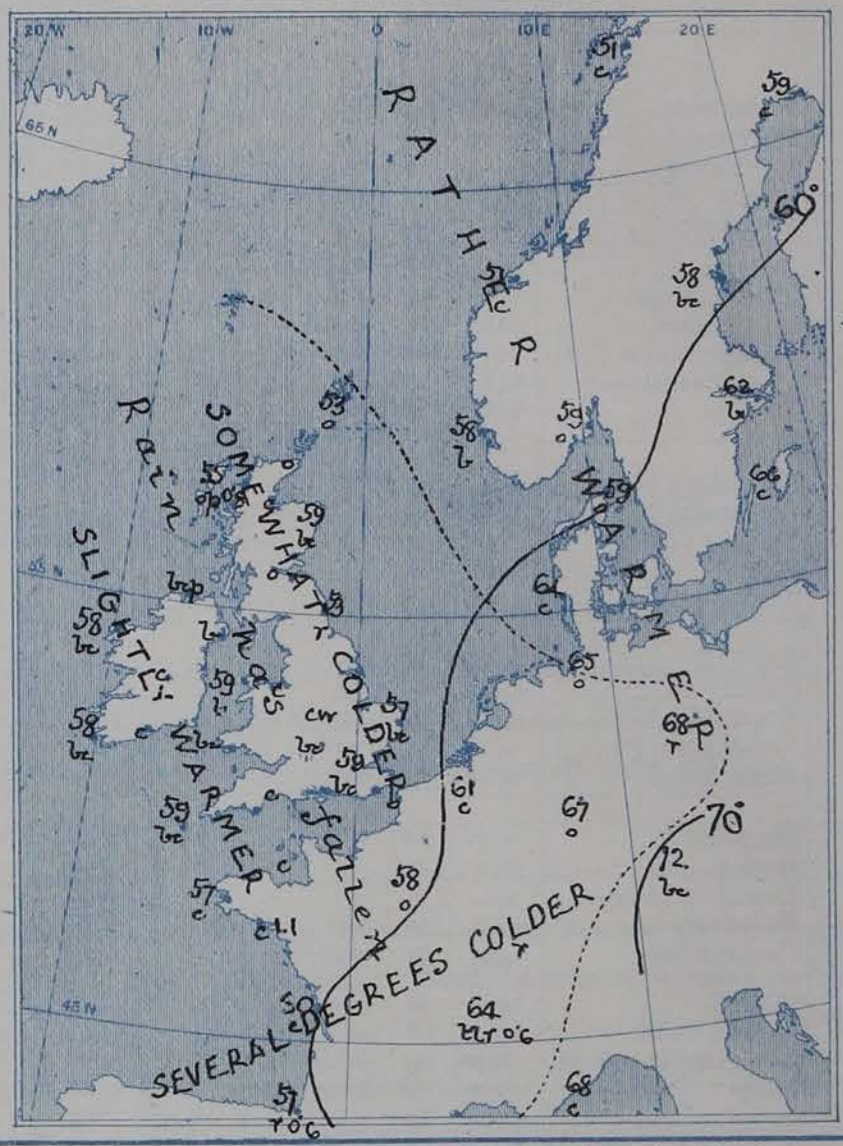


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 29.9 ins. and more over the W^rn. parts of Ireland and of France, and also over the N^E. of France and S. Germany.
Lowest 29.6 ins. and less in a depression whose centre lies over the E^rn. side of the North Sea.
Gradients moderate, but rather irregular over the SW. of England owing to a shallow secondary in that region. Barometer rising throughout our Islands, falling in Denmark & Holstein.

TEMPERATURE

Highest 72° at Munich, 68° at Nice and Berlin, 64° at Fano, 66° at Wisby.
Lowest 51° at Bodo, 53° at Sumburgh H. and Shields, 55° at Liverpool, 57° at Yarmouth.
The highest readings recorded during yesterday were, in our Islands 68° at Leith, 66° at Nairn and Spurn H., 65° at Loughborough and Parsonstown, on the Continent 73° at Berlin, 80° at Paris, 87° at Belfort, 94° at Lyons.

WIND

NE^ly moderate to strong, in Scotland, N^ly in Ireland, NW^ly over England, W^ly in the Channel; SW^ly to S^ly over Germany and the Baltic, SE^ly at Karlstad.

WEATHER

Fine in most places, but some showers were still reported in Scotland and N. of Ireland. Rain yesterday, though general, was really heavy only at Stornoway (0.8 ins.), and in some of the S^rn. parts of France.
Bright Sunshine recorded yesterday was large in the S. of Ireland, varying from 5. to 2 hrs. in other places. In London there was none.

SEA

Rather rough to moderate, in the W., slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the E. continues to move E^wds. improving weather is probable over the United Kingdom, though a very local shower or two may occur today. The days are likely to be warmer than of late, the nights cool, and heavy clouds are probable in the daytime.

FORECASTS

For the 24 hours ending at NOON on 4^TH JULY. 1900

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	NW^ly to NE^ly winds, moderate; fine generally and warmer during day, cool at night, some local showers in a few places.	6 SCOTLAND WEST	NW^ly to NE^ly winds, moderate; fine generally and warmer during day, cool at night, some local showers in a few places.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.62	61	57	NW	4	c	2
Sumburgh Head	29.57	57	54	WNW	1	c	3
Stornoway... ...	29.57	59	57	SE	2	o	2
Aberdeen	29.58	59	56	ESE	3	bc	2
Shields	29.60	58	55	ESE	1	op	2
Malin Head ...	29.58	58	56	NW	2	b	2
Blacksod Pt. ...	29.67	61	58	NW	3	bc	2
Holyhead	29.64	63	57	SW	2	c	1
Valencia	29.71	58	56	NW	4	p	5
Scilly	29.70	59	57	NW	4	op	3
Jersey	29.65	63	62	SSE	3	op	3
Portland Bill ...	29.69	56	55	SSW	1	op	1
Dungeness ...	29.67	58	57	W	2	r	2
London (Westminster)	29.64	60	58	SSW	1	or	*
Yarmouth ...	29.64	62	59	SSE	4	bc	3
Rochefort ...	29.80	84	75	SSW	1	bc	*

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

Weather in morning very changeable and unsettled over the British Islands, the N. of France and the North Sea, with rain at several of the S^rn and S.E^rn stations, dull over Germany, raining at Hermanstadt. Clear and bright over the Mediterranean and Spain. Rain later almost all over the British Islands and France — heavy at Stornoway, at Lorient and in the S. of France — continuous but not heavy in London. Thunderstorm at Lyons.

Temperature inclined to fall over our Islands. Morning readings highest 81° at Barcelona, 80° at Trieste, 79° at Algiers and La Calle, 77° at Patras and Brindisi, 71° at Vienna; much above. 60° over central Europe generally 65° at Moscow, 67° at Stockholm, 66° at Archangel. Lowest 50° at Bodo, 55° at Stornoway and Portland Bill, 56° at Sumburgh Hd., Malin Hd. and Rocke's Pt., 58° at Munster; not quite touching 70° at any of the British stations during the day, but rising to 80° at Paris, 82° at Munich, 87° at Belfort, and 94° at Lyons.

Wind very variable in the north of our Islands and in Norway, SW^ly and variable in the south and over France, the Netherlands, north Germany and the Baltic; very variable and light — mainly anticyclonic over the Mediterranean and southern Europe. Shifting somewhat suddenly to NW. and N. at our western stations later — but not strong in force.

Barometer highest 30.0 ins., and more, to 29.9 ins. nearly all over the Mediterranean and the S^rn parts of Europe. Lowest 29.5 ins. and less to 29.6 ins. over the most NW^rn districts — distribution not at all uniform — local depressions being shallow but numerous. Beginning to rise quickly later in the W. and NW. and the change spreading E^wds briskly.

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 8 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 Wednesday, 4th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, 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	29.54	56	SW	2	o	29.52	-.08	57	55	- 2	NW	2	o	•	o	•	66	52	-
	Hernösand	29.69	58	W	o	bc	29.59	+.02	54	48	- 4	N	4	o	•	bc	•	68	54	-
	Stockholm	29.67	61	E	2	r	29.54	-.17	64	61	+ 2	SW	4	o	•	r	•	72	55	0.24
	Wisby	29.68	67	S	4	o	29.69	-.09	62	58	- 4	WSW	6	b	•	o	•	70	54	0.04
	Karlstad	29.61	57	NE	4	r	29.52	-.18	59	56	- 7	SW	8	o	•	r	•	•	•	0.35
	Bodö	29.72	47	W	o	r	29.74	+.16	45	44	- 6	N	2	r	1	r	•	51	43	0.20
	Christiansund ...	29.82	50	NE	4	r	29.88	+.11	49	44	- 3	E	4	c	3	r	•	54	46	0.16
	Skudesnaes ...	29.68	65	NNW	6	o	29.77	+.09	52	50	- 6	NNW	6	o	3	bo	•	63	52	•
	Færder (X'iania Fjord)	29.60	57	ENE	2	o	29.59	-.06	53	51	- 6	NNW	6	o	3	o	•	59	53	0.32
	The Scaw (Skagen)	29.55	61	S	2	m	29.65	-.02	59	56	o	NNW	5	c	1	m	•	63	55	0.32
	Fano	29.74	58	W	6	c	29.90	+.32	57	52	- 7	W	6	c	•	c	•	68	55	-
British Islands	Sumburgh Head ...	29.91	51	N	4	c	30.01	+.22	49	45	- 4	N	3	c	4	c	•	55	43	0.02
	Stornoway	30.04	55	NE	4	o	30.07	+.24	54	53	- 1	SE	2	o	2	o	1.2	55	43	0.03
	Wick	29.99	50	N	2	c	30.05	+.26	53	51	- 1	E	2	bc	1	c	•	55	37	0.02
	Nairn	29.99	53	ENE	2	o	30.07	+.31	55	50	- 1	W	o	bc	1	o	•	62	43	0.04
	Aberdeen	29.96	54	N	4	cq	30.07	+.32	52	46	- 7	NW	3	c	2	bcq,p,cq	7.6	63	42	0.01
	Leith	29.94	59	NE	2	c	30.08	+.37	51	49	- 4	NE	1	o	•	c	•	63	47	0.26
	Shields	29.90	58	NNE	2	b	30.09	+.40	51	49	- 2	N	1	ou	2	or.b	•	59	49	0.14
	Spurn Head ...	29.88	56	NNE	5	c	30.10	+.41	57	56	- 1	NW	2	o	3	c,p	•	62	51	0.06
	Loughborough ...	29.88	59	NNW	3	r	30.13	+.39	58	54	o	SE	1	cmw	•	c,p,bcm	•	67	45	0.02
	Malin Head ...	30.02	57	NNW	5	bp	30.07	+.28	55	52	- 1	W	1	c	2	b,p	•	58	53	-
	Blacksod Pt. ...	30.13	59	N	4	bc	30.09	+.14	54	52	- 4	SSW	3	rm	3	bc	•	61	51	0.08
	Donaghadee ...	29.94	59	N	4	b	30.11	+.34	55	52	- 2	SW	2	bc	3	b,q	•	60	47	-
	Liverpool (Bidston)	29.92	60	NNW	2	b	30.11	+.35	54	51	- 1	W	3	o	3	p,b	•	62	53	-
	Holyhead	29.95	58	NW	3	bc	30.14	+.34	57	54	- 2	NW	2	b	1	b,bc	•	61	52	-
	Parsonstown ...	30.05	63	NW	3	b	30.17	+.27	53	51	- 5	W	1	qp	•	b	10.4	66	48	0.04
	Valencia	30.18	60	NNW	4	bc	30.20	+.21	55	54	- 3	S	2	rm	4	bcq,bc	8.8	62	53	0.08
	Roche's Point ...	30.08	60	NNW	5	bcp	30.23	+.29	55	54	- 2	SW	3	r	3	bcp	•	62	54	0.18
	Pembroke (St. Ann's Hd.)	30.00	58	NNW	4	bc	30.18	+.32	57	54	+ 1	N	2	bc	2	bc	14.1	59	53	-
	Scilly	30.05	60	NNW	4	bc	30.20	+.32	59	56	o	NNW	4	c	2	bc	13.0	63	55	-
	Jersey (St. Anbin's) ...	29.99	62	W	5	bc	30.16	+.26	61	56	+ 2	NW	3	bmw	3	bc	•	65	53	-
	Portland Bill ...	29.93	61	NW	3	b	30.14	+.30	60	57	+ 5	N	1	bm	1	bcp,b	•	61	51	0.06
	Dungeness	29.88	58	E	1	c	30.10	+.34	59	55	- 1	N	3	c	2	bc,c	•	64	55	-
	London (Brixton) ...	29.87	65	NW	2	c	30.14	+.36	57	53	- 2	NNE	1	c	1	thp,h,o	8.8	68	53	0.19
	Oxford	29.95	56	NNW	2	p	30.15	+.37	59	55	+ 1	NNE	2	b	1	tp,bc	•	66	50	0.16
	Yarmouth	29.80	59	W	2	cp	30.07	+.40	58	53	+ 1	N	3	bv	4	c,cpt	•	63	52	0.03
Germany.	Cuxhaven	29.79	61	W	4	bc	29.92	+.31	58	56	- 7	NNW	3	c	1	bc	•	70	55	0.04
	Berlin	29.79	71	W	4	bc	29.89	+.13	61	57	- 7	W	1	r	1	bc	•	84	59	0.08
	Frankfürt	29.90	61	N	2	o	29.95	+.15	57	56	- 10	NNE	2	r	•	o	•	73	57	0.39
	Munich	29.92	62	W	o	r	29.86	-.06	61	61	- 11	W	o	o	•	r	•	81	59	0.32
France & Netherlands.	The Helder ...	29.83	60	W	1	b	29.99	+.38	59	55	- 2	NNW	3	bc	2	bc	•	61	55	-
	Brussels	•	•	•	•	•	30.04	+.27	56	55	- 5	NW	1	f	•	b	•	69	48	-
	C. Gris Nez ...	29.89	57	W	4	c	30.02	+.29	58	55	+ 1	NE	3	o	3	c	•	61	54	-
	Paris	29.92	68	W	1	bc	30.05	+.19	59	54	+ 1	NNW	2	b	•	bc	•	70	52	-
	Brest	30.08	60	NW	3	bc	30.25	+.31	57	56	o	NNW	2	bc	2	bc	•	63	55	-
	Lorient	30.04	63	NNW	5	c	30.17	+.23	57	56	o	N	4	bc	3	c	•	68	54	-
	Rochefort	29.96	64	NW	5	bc	30.11	+.19	59	56	- 1	NNW	4	bc	•	bc	•	68	55	-
	Belfort	29.94	56	W	3	r	30.02	+.14	53	51	- 11	WSW	3	r	•	r	•	?	52	0.67
	Lyons	29.99	57	N	1	r	30.05	+.15	55	53	- 9	N	1	r	•	r	•	64	52	1.77
	Nice	29.80	70	W	o	c	29.78	-.17	66	64	- 2	E	1	bc	•	c	•	81	61	0.04
	Perpignan	29.96	59	NW	3	r	30.06	+.14	61	54	- 11	W	4	b	•	r	•	75	57	0.39
	Biarritz	30.04	64	NNW	4	bc	30.11	+.13	62	58	+ 5	NNW	5	br	4	bc	•	66	57	0.59
Span. Pen.	Corunna																•			
	Lisbon														•		•			
	Azores (P. Delgada)	30.39	68	E	2	o	30.39	+.02	69	63	- 1	ESE	4	bc	4	o	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 6.4 *hrs.*

WEATHER CHARTS

FOR Wednesday. 4th July, 1900.

BAROMETER, WIND AND SEA.

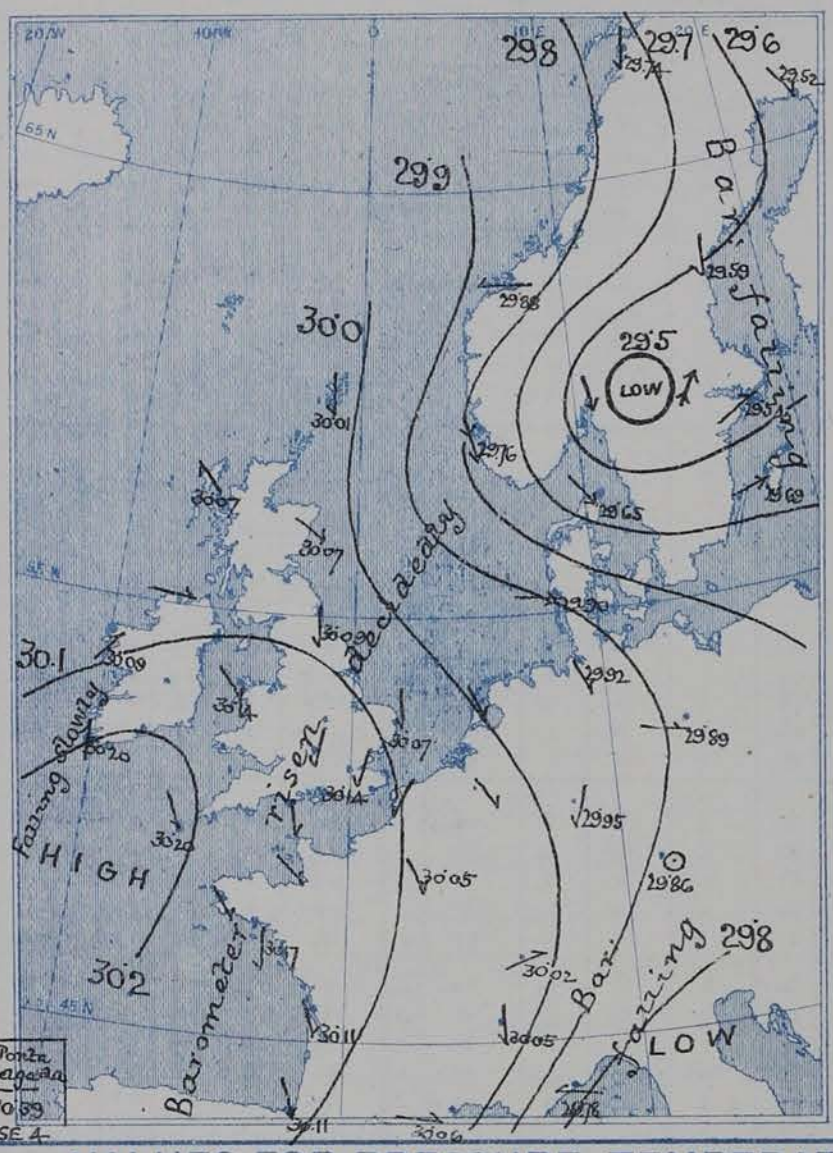
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

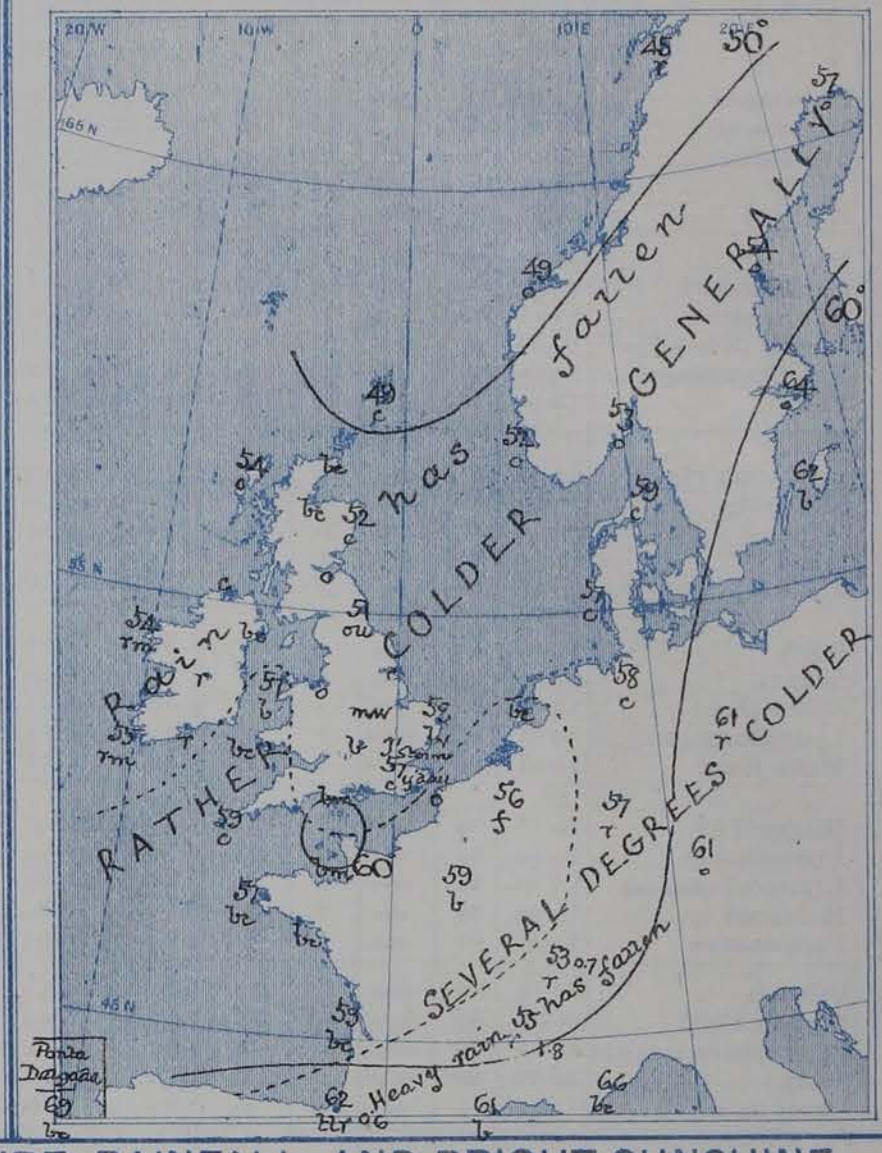


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 in: and more on our southwest coast, and exceeding 30·0 in: almost all over the British Islands, France, and the Bay of Biscay.
Lowest, 29·5 in: and less to 29·6 in: over the southern part of Sweden and the southeast of Norway.
Gradients slight, and becoming variable in direction, over the United Kingdom.
Barometer still rising over the eastern parts of our area, but a fresh fall has commenced in the west.

TEMPERATURE

Highest, 64° at Stockholm, 62° at Wisby, 61° at Berlin; 60° at Portland Bill, 59° at Dungeness, Scilly, and Oxford.
Lowest, 45° at Bodö, 49° at Christiansund and Seumburgh Hd, 51° at Shields, 54° at Blackpool Point and Liverpool.
A maximum of 67° was recorded at Loughborough, 68° in London, 70° at Paris, 84° at Berlin, 81° at Munich and Nice.

WIND

(1) Strong to a gale and cyclonic, over Scandinavia; (2) N. to NW. over the North Sea, the eastern half of England and over France;
(3) W. to S. in Ireland and inclined to freshen.
It has shifted to the S.and. in Ireland during the night.

WEATHER

Fine over France the North Sea and England, but has become rainy very generally over Ireland.
Thunderstorms occurred in several parts of England yesterday afternoon. At Brighton the rain and hail measured 0·19 in:, at Westminster 0·24 in:, at Battersea Park 0·30 in: and in Fleet Street 0·30 in:.
Bright Sunshine recorded yesterday amounted to 14 hrs: at Pembroke, more than 10 hrs at Parsemtown and Harlingen, 6 hrs: at Rhyl, and only 1 hr at Stornoway.

SEA

Moderate in the extreme west and north and at Yarmouth, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The fine weather will probably continue over the eastern half of England today, but the change to rain which has commenced in Ireland will probably reach us by tomorrow.

FORECASTS

For the 24 hours ending at NOON on 5th JULY 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. to SW. winds, light to moderate; becoming rainy and unsettled.
1	SCOTLAND EAST	Wind shifting to S; fine at first, unsettled later, possibly thundershowers.
2	ENGLAND N.E.	
3	ENGLAND EAST	N. airs, fine and warm today; afterwards SW. and probably unsettled, some rain tomorrow.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S. and SW. winds, moderate; rainy.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.68	62	57	NNW	6	b	1
Sumburgh Head	29.86	54	49	NE	3	c	4
Stornoway... ...	29.98	55	51	NE	5	o	5
Aberdeen	29.85	58	54	NE	6	bcp	4
Shields	29.79	58	55	NNE	2	o	2
Malin Head ...	29.92	58	56	NNW	5	h	4
Blacksod Pt. ...	30.07	60	56	N	4	bc	4
Holyhead	29.89	61	57	NW	2	b	1
Valencia	30.10	61	57	NNW	5	bcq	5
Scilly	29.99	61	58	WNW	4	bc	2
Jersey	29.96	63	58	WNW	5	bc	4
Portland Bill ...	29.89	60	57	WNW	3	bcp	3
Dungeness ...	29.84	61	58	WNW	5	bc	4
London (Westminster)	29.82	62	57	W	2	thhp	*
Yarmouth ...	29.75	61	57	ENE	3	c	3
Rochefort ...	29.61	68	63	NW	3	bc	*

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

Weather in morning fine and bright over central and southeastern Europe, also in the extreme north of Russia, less fine over the northern and northwestern countries, though fair for a time in most parts of England. Showers later in several parts of our Islands, thunderstorms and hail in London, considerable rain over Germany and the south of France.

Temperature changing irregularly – fallen on our East coast and over France, risen in the far south. Highest between 80° and 84° in the north coast of Africa, Greece, and at Brindisi and Trieste; above 70° at many Mediterranean stations and in many parts of Germany; 66° at Archangel. Lowest 51° at Bodö, 53° at Sumburgh Hd and Shields, and below 60° in all parts of our Islands. Rising later to between 66° and 68° in several parts of England, to 84° at Berlin, 81° at Munich and Nice, but to only 70° at Paris.

Wind (1) very light and variable over the Mediterranean, central and southeastern Europe – mainly N³ in the south of Russia: (2) brisk to strong over the northwestern countries; cyclonic, N³ to NW³ over our Islands, S³ to SW³ over the eastern shores of the North Sea, the Baltic and Sweden. Inclined to become quieter over the British Islands later.

Barometer highest 30·2 ins: and more over Portugal and exceeding 29·9 ins: all over the southwest of Ireland, the west and south of France, the Mediterranean, South Germany, and the Balkan Peninsula. Lowest 29·6 ins: and less (1) in a depression having its centre over the eastern side of the North Sea; (2) in another over the north of Sweden. Rising decidedly in our Islands later, but thunderstorm disturbances being developed over the southeast 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.

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, 5th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.44	55	N	4	0	29.52	.00	51	46	- 6	NNW	4	bc	•	0	•	64	51	0.08
	Hernösand	29.63	55	N	6	0	29.76	+.17	51	41	- 3	W	6	b	•	0	•	61	51	0.12
	Stockholm	29.69	55	NNW	4	r	29.88	+.34	55	50	- 9	W	2	b	•	r	•	68	54	0.20
	Wisby	29.78	60	WSW	6	0	29.94	+.25	56	54	- 6	WNW	4	c	•	0	•	66	55	-
	Karlstad	29.79	57	NE	2	b	29.87	+.35	52	47	- 7	ENE	2	bc	•	b	•	•	•	-
	Bodö	29.76	45	NNW	2	0	29.78	+.04	45	41	0	NNW	4	bc	1	0	•	46	41	0.08
	Christiansund ...	29.93	49	N	4	c	29.90	+.02	50	44	+ 1	E	3	b	2	c	•	52	46	-
	Skudesnaes ...	29.74	54	NNW	2	0	29.81	+.04	54	53	+ 2	N	8	bc	2	0	•	55	39	•
	Færder (X'iania Fjord)	29.80	59	SSW	4	0	29.82	+.23	57	53	+ 4	SE	2	0	2	0	•	59	53	-
	The Scaw (Skagen)	29.88	54	W	3	c	29.86	+.21	54	48	- 5	W	6	bc	2	c	•	64	52	-
	Fanö	30.03	54	W	5	bc	30.01	+.11	55	51	- 2	WSW	4	c	•	bc	•	61	52	-
British Islands	Sumburgh Head ...	29.94	50	ENE	1	0	29.74	-.37	50	48	+ 1	ESE	4	0	5	c.0	•	58	46	0.01
	Stornoway	29.91	56	SSW	4	0	29.74	-.33	57	55	+ 3	NNW	5	0	5	c.0	4.3	57	48	0.05
	Wick	29.94	62	S	4	0	29.72	-.33	57	55	+ 4	W	5	0	3	0	•	62	50	0.15
	Nairn	29.94	55	W	1	0	29.77	-.30	61	56	+ 6	WSW	3	bc	1	0	•	61	50	0.03
	Aberdeen	30.02	52	S	3	0	29.77	-.30	63	54	+ 11	WSW	5	bc.q	3	bc.op	1.2	64	50	0.01
	Leith	30.00	54	WSW	2	r	29.85	-.23	62	57	+ 11	WSW	3	0	•	r	•	62	49	0.03
	Shields	30.06	54	SSE	2	0	29.88	-.21	60	57	+ 9	WSW	2	c	2	c.r	•	61	50	0.06
	Spurn Head ...	30.08	55	SE	3	c	29.95	-.15	60	60	+ 3	SW	5	bc	3	c	•	68	54	0.01
	Loughborough ...	30.11	63	NW	2	bc	30.03	-.10	60	57	+ 2	W	3	c	•	c.bc.c.o	•	67	54	-
	Malin Head ...	29.87	55	S	5	o m r	29.93	-.14	57	54	+ 2	W	5	bc	4	c.rm.p	•	57	53	0.02
	Blacksod Pt. ...	29.98	58	W	4	o m	30.05	-.04	57	56	+ 3	W	3	cp	3	rm.om	•	59	52	0.28
	Donaghadee ...	30.02	56	S	3	o	29.97	-.14	59	56	+ 4	NNW	4	cq	3	o	•	59	53	0.04
	Liverpool (Bidston)	30.10	57	SW	3	o	30.02	-.09	59	55	+ 5	WSW	5	c	5	c.o	•	60	54	-
	Holyhead	30.09	53	SW	3	o p	30.05	-.04	59	57	+ 2	W	3	o	2	o m. o p	•	61	51	0.05
	Parsonstown ...	30.03	59	SE	1	r	30.09	-.08	60	57	+ 1	W	1	c	•	o r	0.0	60	52	0.40
	Valencia	30.13	60	SW	2	f	30.17	-.03	59	58	+ 4	WSW	2	o m	4	r m.f	0.0	62	53	0.26
	Roche's Point ...	30.11	59	SW	2	o	30.15	-.08	59	57	+ 4	SW	3	bc	3	o r	•	59	54	0.22
	Pembroke (St. Ann's Hd.)	30.17	53	SW	4	r	30.10	-.08	58	57	+ 1	WNW	4	bc	4	c.f a	3.7	58	53	0.11
	Scilly	30.23	55	SSW	3	r	30.18	-.02	59	59	0	WNW	5	f	3	c p r	3.5	61	55	0.07
	Jersey (St. Aubin's) ...	30.23	62	WNW	3	b c m	30.21	+.03	58	57	- 3	SW	3	f a	3	bc.f q	•	66	56	0.02
	Portland Bill ...	30.19	59	W	3	c	30.12	-.02	57	57	- 3	W	3	f	3	b c m.c	•	64	53	-
	Dungeness	30.17	61	SW	2	b	30.11	+.01	58	55	- 1	WSW	4	o	3	b c.b	•	64	56	-
	London (Brixton) ...	30.14	67	SW	2	b c	30.10	-.04	59	57	+ 2	WSW	3	0	•	c.b,o	5.9	69	53	-
	Oxford	30.14	61	WSW	2	c	30.07	-.08	59	57	0	SW	2	0	•	b c,o	•	68	54	-
	Yarmouth	30.12	59	SSE	4	b c	30.02	-.05	59	55	+ 1	WSW	3	c	3	b.b e v	•	63	54	-
France & Netherlands. Germany.	Cuxhaven	30.08	57	W	3	b c	30.08	+.16	55	53	- 3	SW	3	0	•	b c	•	61	50	-
	Berlin	30.03	62	W	1	c	30.15	+.26	56	50	- 5	NNW	3	b	•	c	•	70	50	0.20
	Frankfurt	30.12	60	SW	2	r	30.16	+.21	62	57	+ 5	NNE	2	b	•	r	•	63	54	0.12
	Munich	30.08	56	W	3	r	30.13	+.27	53	53	- 8	E	0	r	•	r	•	68	52	0.63
	The Helder ...	30.12	58	NNW	1	b	30.04	+.05	60	57	+ 1	SW	5	0	4	b	•	61	52	-
	Brussels	•	•	•	•	•	30.17	+.13	60	55	+ 4	WSW	2	bc	•	b	•	68	45	-
	C. Gris Nez ...	30.13	63	E	1	b c	30.09	+.07	58	57	0	WSW	3	0	3	bc	•	64	55	-
	Paris	30.13	67	N	2	b	30.21	+.16	59	55	0	NNW	2	m	•	b	•	72	50	-
	Brest	30.28	60	NW	2	c	30.17	-.08	59	59	+ 2	NW	1	f	2	c	•	64	55	0.04
	Lorient	30.23	66	N	4	b c	30.28	+.11	58	58	+ 1	WSW	2	r	5	bc	•	70	54	0.04
	Rochefort	30.14	65	NW	5	0	30.20	+.09	63	61	+ 4	NNW	4	0	•	0	•	68	59	-
	Belfort	30.08	53	NNE	1	f	30.12	+.10	54	53	+ 1	E	0	f	•	f	•	59	51	0.24
	Lyons	30.08	60	NNW	1	0	30.15	+.10	57	53	+ 2	NNW	2	0	•	0	•	62	55	0.24
	Nice	29.79	66	SE	1	b	29.95	+.17	63	59	- 3	E	4	0	3	b	•	75	59	-
	Perpignan	30.07	67	NW	4	b	30.12	+.06	63	56	+ 2	NW	4	0	•	b	•	70	57	0.04
	Biarritz	30.19	65	NW	5	b c	30.25	+.14	65	62	+ 3	NW	5	0	4	bc	•	66	62	-
Span. Pen.	Corunna																			
	Lisbon	30.19	67	NNE	5	b	30.23	.00	69	57	+ 2	NE	5	b	•	b	•	77	66	-
	Azores (P. Delgada)	30.37	68	E	3	c	30.31	-.08	71	65	+ 2	ESE	4	bc	4	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday *Southport 2.0 hrs.*

WEATHER CHARTS

FOR Thursday, 5th July, 1900.

BAROMETER, WIND AND SEA.

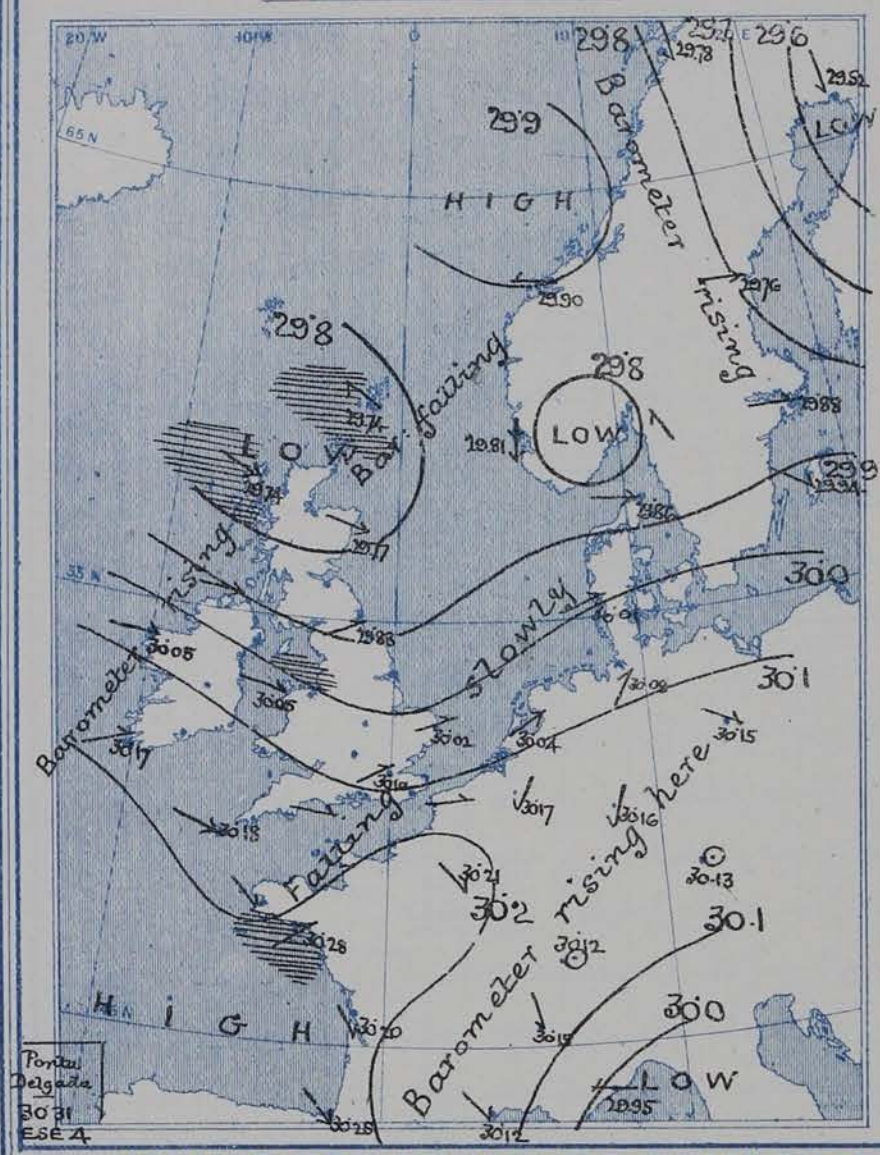
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

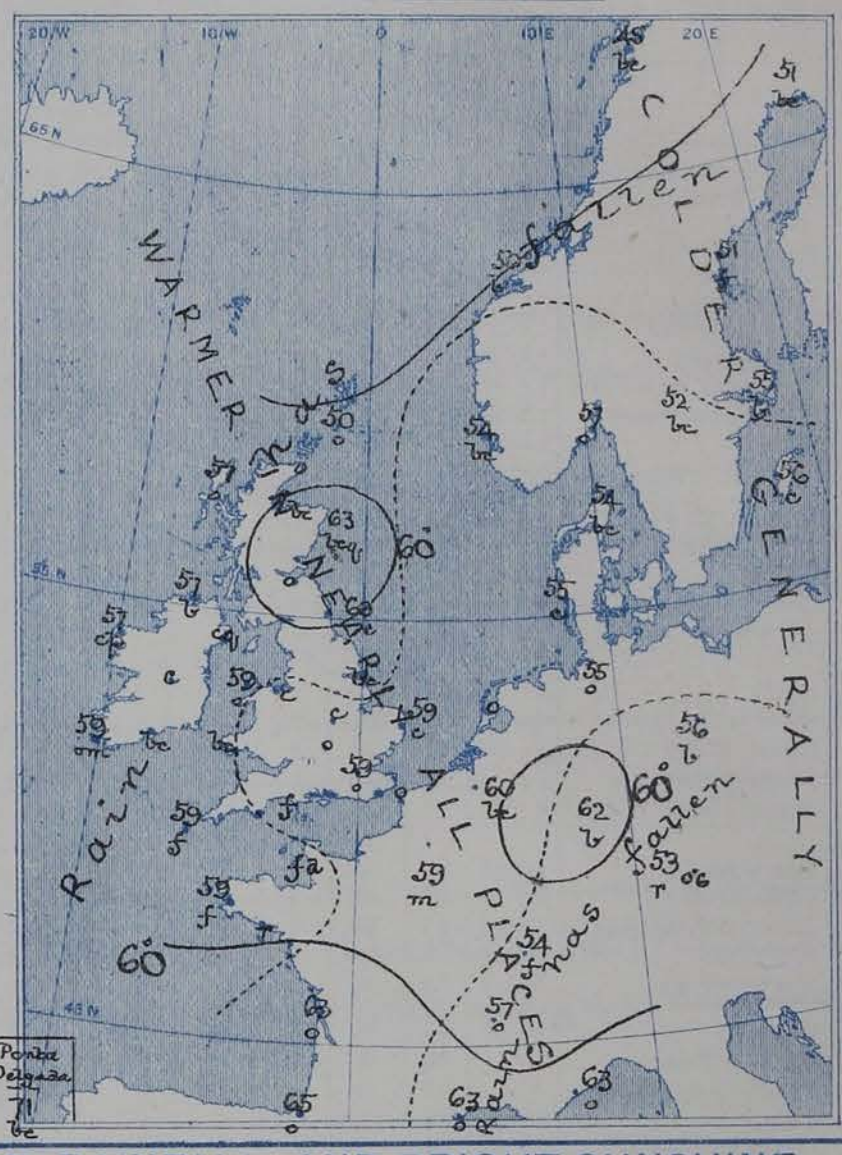


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and more over the west of France, the Bay of Biscay, and off our extreme southwest coasts.
Lowest, (1) 29·6 ins: and less over Finland and the northern extremity of the Gulf of Bothnia; (2) 29·8 ins: and less in the north of Scotland, and in a small shallow depression over the south of Norway.
Gradients moderate – mainly favourable for W^ly winds, but variable in places, owing to shallow local secondaries.
Barometer inclined to rise in the extreme west and northwest, falling in Scotland and over the North Sea.

TEMPERATURE

Highest (1) 65° to 63° in the southwest and south of France; (2) 62° at Frankfurt; (3) 60° to 63° on our northeast coasts.
Lowest, 45° at Bodö, 50° at Christiansund and Lerwick Hd., 55° at Faro, 57° at Malin Hd. and Portland Bill.
The thermometer touched 69° in London, 68° at Spurn Hd. and Oxford yesterday; 70° at Berlin, 72° at Paris, 75° at Nice.

WIND

(1) NW^ly to W^ly over the Gulf of Bothnia, W^ly in Denmark.
(2) ESE^ly at Lerwick Hd., but W^ly in Scotland, SW^ly over England; (3) W^ly to SW^ly in Ireland, SW^ly to W^ly over Brittany.
It is changing very frequently in force and direction

WEATHER

Fine over the greater part of France and Germany, and in many parts of Scandinavia; (2) very changeable (from showery to fair) in our Islands, fog prevails in the western part of the English Channel. Solar halos have been seen at many of the southern stations
Rainfall of past 24 hours though very general in our Islands, except over our southeast coasts has been slight at all but the Irish stations.
In France it has been sporadic, in Germany general and considerable.
Bright Sunshine yesterday varied from 12 hours at Hastings to 4 hours at Stornoway and Pembroke. In Ireland there was none.

SEA

Rough in the far north, moderate in the west, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the north passes over the weather is likely to remain rather showery in most places, but some improvement in the west is probable, and in the east tomorrow.

FORECASTS

For the 24 hours ending at NOON on 6th JULY, 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^ly to NW^ly winds, moderate or fresh; changeable, rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	W^ly and Varying winds, moderate; changeable, occasional rain.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 0 to 2
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW^ly to NW^ly winds, fresh; changeable, some showers.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.85	54	50	NNW	6	o	2
Sumburgh Head	30.02	51	46	NW	3	c	4
Stornoway... ...	29.98	57	55	SSE	3	o	3
Aberdeen	30.06	56	50	ESE	3	bc	3
Shields	30.10	54	50	E	1	o	2
Malin Head ...	29.99	53	52	S	4	c	2
Blacksod Pt. ...	29.97	59	58	SW	5	rm	4
Holyhead	30.15	57	53	SW	2	o2pm	1
Valencia	30.12	58	58	SSE	3	rm	4
Scilly	30.25	60	57	NNW	4	cp	2
Jersey	30.22	65	58	NNW	3	bc	3
Portland Bill ...	30.19	62	60	W	2	bcm	2
Dungeness ...	30.16	64	58	ESE	3	bc	2
London (Westminster)	30.14	69	59	N	1	c	*
Yarmouth ...	30.12	61	57	NE	3	b	3
Rochefort ...	30.15	64	60	NW	4	c	*

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

Weather in morning fine and bright all over southern, southeastern, and the southern part of Central Europe; fair generally over Great Britain, rainy in Ireland, very changeable over northern Europe, with rain in places. Rain very general over our Islands later (excepting the southeastern counties) and also over Germany – amount considerable both at Munich and Paramatown. Solar halos seen in many places – general condition in our Islands becoming very unsettled.

Temperature fallen in most places. Morning reading highest, 80° and more in Greece, 83° at Trieste, 79° at Lesina, 78° at La Calle, and above 70° at several of the Mediterranean stations; 73° at Cracow, above 60° all over Central Europe, Russia and Finland. Lowest 45° at Christiansund, 49° at Sumburgh Hd, 51° at Shields, 52° at Aberdeen, and below 60° all over our Islands. Rising later to between 69° and 60° all over the United Kingdom, to 70° at Berlin, 72° at Paris, and 75° at Nice.

Wind (1) light and variable over the southern half of Continental Europe (excepting on the northeastern shores of the Mediterranean); (2) Cyclonic and strong over Scandinavia and northern Europe (a gale at Karlstad); (2) N light over the eastern half of the British Isles and France, but (3) S in Ireland, and light. Becoming S to W later all over the United Kingdom – light to moderate in force.

Barometer highest 30·2 ins. and more over our extreme southwest coasts, the Bay of Biscay and Portugal, and exceeding 30·0 ins. over our Islands and France generally. Lowest (1) 29·5 ins. and less to 29·6 ins. over the southern half of Sweden; (2) 29·8 ins. and less in a depression near Nice; (3) below 30·0 ins. in a new disturbance approaching the west of Scotland. Latter depression spreading out and moving eastwards later, and finally becoming the dominant system of the British Islands.

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 Friday, 6th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	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	29.61	50	W	2	c	29.67	+.15	49	42	- 2	?	4	bc	4	c	4	57	45	
	Hernösand	29.78	53	L	0	bc	29.76	.00	54	46	+ 3	NNW	2	b	4	bc	4	63	45	
	Stockholm	29.82	55	L	0	c	29.77	-.11	60	55	+ 5	SW	2	o	4	c	4	64	48	0.08
	Wisby	29.88	58	SW	4	bc	29.78	-.16	59	55	+ 3	SW	4	o	4	bc	4	63	54	-
	Karlstad	29.78	53	SSW	2	r	29.73	-.14	57	53	+ 5	SW	2	o	4	r	4	4	4	-
	Bodö	29.84	43	NNW	4	c	29.86	+.08	42	39	- 3	N	4	b	2	c	4	48	37	0.04
	Christiansund ...	29.80	51	N	6	b	29.82	-.08	49	45	- 1	N	6	bc	3	b	4	54	46	
	Skudesnaes ...	29.74	53	S	2	o	29.65	-.16	55	53	+ 1	W	2	o	2	b.o	4	55	50	4
	Færder (X'iania Fjord)	29.76	58	SW	4	o	29.67	-.15	57	53	0	SSE	2	o	2	o	4	59	55	-
	The Scaw (Skagen)	29.81	57	WSW	3	o	29.68	-.18	57	56	+ 3	SW	2	r	o	o	4	61	54	0.04
	Fanö	29.84	57	WSW	4	o	29.74	-.27	59	57	+ 4	WSW	4	bc	4	o	4	61	55	0.16
British Islands	Sumburgh Head ...	29.61	53	WNW	5	o	29.67	-.07	53	52	+ 3	NE	2	o	5	r.o	4	55	48	0.24
	Stornoway	29.75	53	NNW	5	o	29.88	+.14	54	52	- 3	NNW	7	o	7	c.o	6.2	60	48	0.35
	Wick	29.71	54	NW	4	o	29.62	-.10	54	52	- 3	NW	4	o	2	o	4	60	48	0.02
	Nairn	29.75	58	WSW	4	o	29.72	-.05	52	50	- 9	W	4	o	2	c	4	65	49	0.02
	Aberdeen	29.76	62	W	4	bcq	29.71	-.06	51	48	- 12	WSW	3	oqr	2	cqpbcq	3.7	70	50	0.05
	Leith	29.83	61	WSW	3	bc	29.78	-.07	56	51	- 6	WSW	4	o	4	bc	4	68	50	-
	Shields	29.88	63	SW	3	c	29.81	-.07	57	52	- 3	WSW	3	b	2	c	4	69	50	0.01
	Spurn Head ...	29.95	62	W	5	c	29.84	-.11	58	53	- 2	W	5	c	4	c	4	66	55	-
	Loughborough ...	30.01	64	W	3	o	29.95	-.08	55	52	- 5	WNW	4	c	4	bc.qp	4	73	52	0.03
	Malin Head ...	29.91	58	W	5	c	29.96	+.03	56	54	- 1	NW	6	bcqp	5	cp	4	60	52	0.01
	Blacksod Pt. ...	30.06	54	W	4	c	30.19	+.14	59	55	+ 2	NW	4	b	4	c	4	61	52	0.11
	Donaghadee ...	29.95	62	W	5	bcq	29.98	+.01	57	54	- 2	NW	6	cqp	5	bcq	4	65	49	0.02
	Liverpool (Bidston)	30.00	57	WSW	3	r	29.97	-.05	56	51	- 4	WSW	7	o	6	bc.r	4	64	53	0.30
	Holyhead	30.04	57	WSW	2	fbm	30.03	-.02	58	54	- 1	W	5	b	4	omprq	4	63	52	0.04
	Parsonstown ...	30.05	61	W	1	c	30.17	+.08	58	53	- 2	NW	2	cq	4	c	2.6	62	51	0.01
	Valencia	30.17	59	WNW	3	o	30.28	+.11	58	54	- 1	NW	4	bc	4	rm.o	1.3	61	54	0.05
	Roche's Point ...	30.11	63	NW	4	c	30.21	+.06	58	54	- 1	NNW	5	bc	4	cp.c	4	65	54	0.01
	Pembroke (St. Ann's Hd.)	30.08	58	WSW	4	o	30.13	+.03	56	54	- 2	NW	5	bcq	4	f	3.1	60	54	-
	Scilly	30.17	60	WSW	4	f	30.19	+.01	60	57	+ 1	NW	4	b	3	f	1.0	62	56	-
	Jersey (St. Aubin's) ...	30.20	61	W	4	ogm	30.14	-.07	60	56	+ 2	WNW	4	bc	3	o.gm	4	62	57	0.01
	Portland Bill ...	30.09	63	WNW	3	b	30.07	-.05	57	54	0	NNW	5	bcq	4	bc.b	4	64	56	-
	Dungeness	30.05	58	WSW	4	f	29.93	-.18	63	56	+ 5	NW	5	c	3	o.f	4	65	57	-
	London (Brixton) ...	30.01	73	NW	2	c	29.98	-.12	60	53	+ 1	W	5	c	o	o.bcoq	3.0	75	56	-
	Oxford	30.01	64	W	2	o	30.00	-.07	60	53	+ 1	NW	3	b	4	c.p	4	74	54	-
	Yarmouth	29.96	69	WNW	4	bc	29.85	-.17	58	55	- 1	NW	4	bc	3	c.bc	4	71	54	0.03
France & Netherlands. Germany	Cuxhaven	29.96	59	SW	4	o	29.80	-.28	59	58	+ 4	SW	4	o	4	o	4	59	55	0.04
	Berlin	30.06	64	ESE	1	o	29.91	-.24	63	57	+ 7	SSW	2	o	4	o	4	68	57	-
	Frankfurt	30.08	64	S	2	b	29.95	-.21	62	58	0	SW	4	o	4	b	4	73	59	-
	Munich	30.18	58	L	o	o	30.10	-.03	60	58	+ 7	SW	2	o	4	o	4	60	53	0.04
	The Helder ...																4			
	Brussels	4	4	4	4	4	29.89	-.28	59	58	- 1	WSW	4	r	4	o	4	71	57	0.04
	C. Gris Nez ...	30.03	56	WSW	2	f	29.90	-.19	59	57	+ 1	WNW	4	c	4	f	4	68	55	0.12
	Paris	30.11	71	WNW	3	o	29.98	-.23	60	59	+ 1	SW	2	r	4	o	4	76	59	-
	Brest	30.25	59	NW	1	m	30.21	+.04	57	57	- 2	NW	3	r	2	m	4	64	55	-
	Lorient	30.24	63	NW	4	o	30.18	-.10	62	62	+ 4	NW	4	o	4	o	3	72	58	-
	Rochefort	30.18	64	NW	4	o	30.14	-.06	64	63	+ 1	NW	4	o	4	o	3	68	59	-
	Belfort	30.13	59	NW	2	m	30.02	-.10	57	56	+ 3	SW	2	m	4	m	4	63	49	-
	Lyons	30.17	62	NW	1	o	30.07	-.08	65	?	+ 8	N	1	bc	2	o	2	66	56	0.04
	Nice	30.04	64	L	0	bc	29.92	-.03	63	59	0	E	1	c	1	bc	4	73	59	0.04
	Perpignan	30.11	69	NW	4	o	30.08	-.04	64	59	+ 1	W	3	o	4	o	4	74	63	-
	Biarritz	30.24	61	W	4	r	30.19	-.06	66	66	+ 1	NW	5	r	4	r	4	68	59	0.08
Span. Pen.	Corunna																4			
	Lisbon	30.17	76	NNE	4	b	30.19	-.04	75	63	+ 6	NE	4	b	4	b	4	86	69	-
	Azores (P. Delgada)	30.30	69	E	4	c	30.29	-.02	70	66	- 1	E	2	o	3	e	4	77	68	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport. 6.3 hrs.

WEATHER CHARTS

FOR Friday. 6th July. 1900.

BAROMETER, WIND AND SEA.

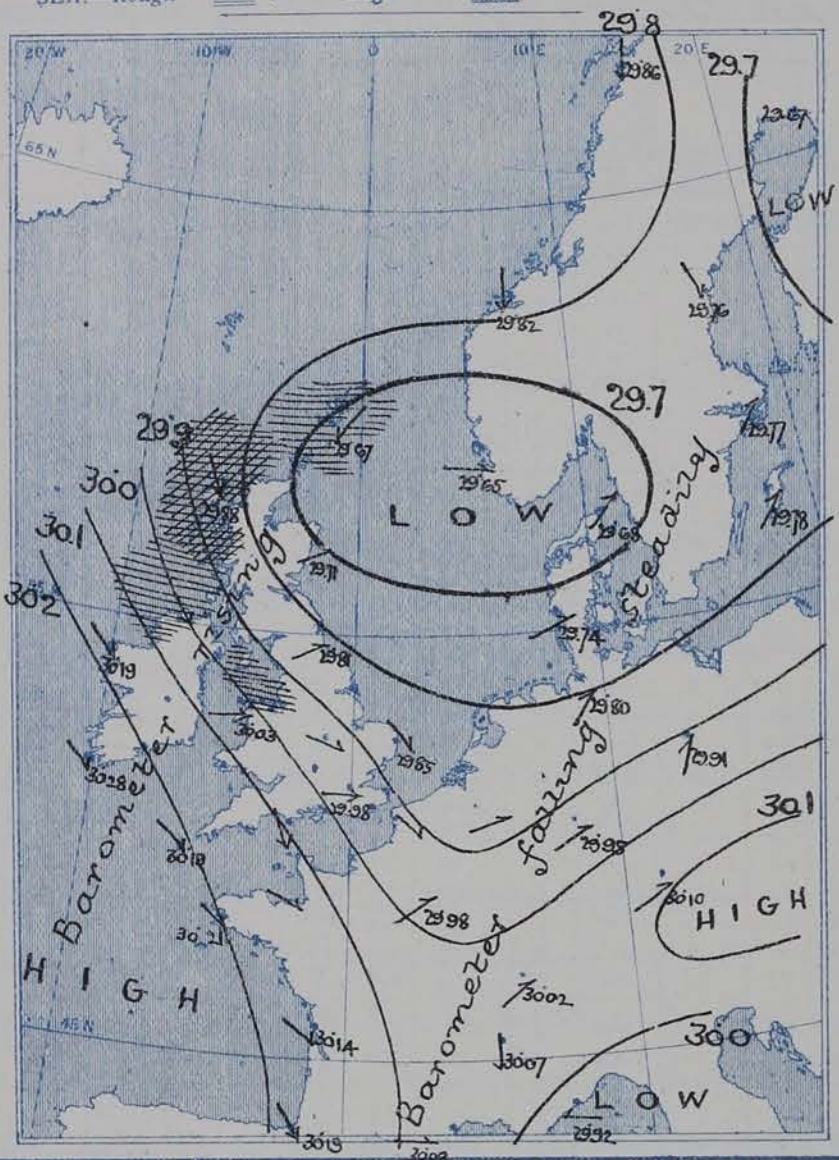
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

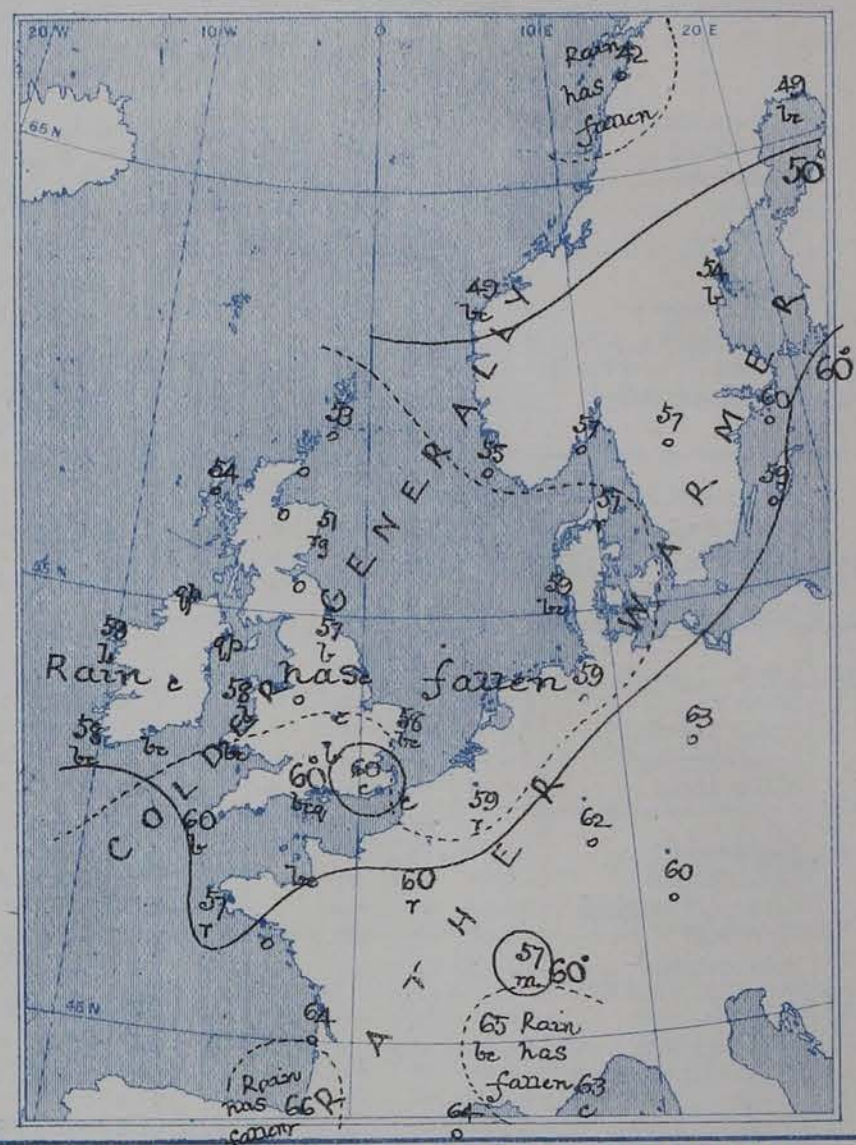


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·28 in: at Valencia, and above 30·2 in: over the western part of the Bay of Biscay
Lowest, (1) 29·7 in: and less, in a shallow depression over Norway and the Shetlands; (2) 29·9 in: and less, in a secondary over Belgium.
Gradients rather steep over the western parts of the United Kingdom.
Barometer rising decidedly in the west and northwest, slowly in the southwest, falling over the North Sea.

TEMPERATURE

Highest, 66° at Biarritz, 65° at Lyons and above 60° almost all over France, Germany, and the extreme southeast of England.
Lowest, 41° at Rodö, 49° at Haparanda and Christiansund, 51° at Aberdeen, 55° at Liverpool.
Maxima recorded yesterday as high as 70° at Aberdeen, and 70° to 75° over the inland parts of England, 73° at Frankfurt, 76° at Paris, 73° at Nice.

WIND

Variable to fresh at most of our northeastern and eastern stations, NW., fresh to strong in the west and south. Denmark and the south of Sweden they were SW. and in the west of Norway N.

WEATHER

Still unsettled showery over the northern and northeastern parts of the United Kingdom, fair in the west and south. In London the clouds are heavy, and a few spots of rain fell occasionally at our southeastern stations.
The rainfall of yesterday was very slight except in the extreme north and at Liverpool. A Solar halo was seen at Oxford.
Bright Sunshine recorded yesterday amounted to 6 hours at some northeastern stations, but was slight elsewhere.

SEA

Very rough in the northwest, moderate in the south and southeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the disturbances in the east and northeast move further away from us a gradual improvement in the weather over our Islands is probable. Tonight will be rather cold.

FORECASTS

For the 24 hours ending at NOON on 7th JULY, 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW. and N. winds, fresh or moderate; some rain today, finer later. Cool tonight.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NW. winds, fresh; fair. Cool tonight.
6	SCOTLAND WEST	Same as Nos 0 to 4.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as No 5
9	IRELAND NORTH	N. winds, fresh; slight showers, bright intervals. Cool tonight.
10	IRELAND SOUTH	

WARNINGS

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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.84	55	49	SSW	2	b	2
Sumburgh Head	29.67	51	51	SE	4	r	5
Stornoway... ...	29.77	56	55	NNW	5	o	5
Aberdeen	29.78	63	55	WNW	4	c q p	2
Shields	29.89	68	59	WSW	3	c	2
Malin Head ...	29.93	58	57	W	5	c	4
Blacksod Pt. ...	30.05	60	58	WSW	4	c	3
Holyhead	30.07	60	57	SW	2	o p m	2
Valencia	30.15	60	59	SW	4	t m	4
Scilly	30.21	60	60	W	4	f	3
Jersey	30.19	61	59	W	4	o	3
Portland Bill ...	30.10	63	60	WNW	5	h c	4
Dungeness ...	30.06	59	58	WSW	4	o	3
London (Westminster)	30.04	70	64	W	3	o	
Yarmouth ...	29.97	69	61	WSW	3	c	3
Rochefort ...	30.22	66	63	NW	4	o	*

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

Weather in morning fine and bright over southeastern Europe, at some of the central and northern stations in Europe, but very changeable over the northern and western countries as a whole. Rain general in the north and west of our Islands later, and considerable in the north of Scotland and at Liverpool; falls very isolated over the Continent. A solar halo seen at Oxford.

Temperature risen somewhat over the western, fallen over the eastern countries. Morning readings 84° at Brindisi and above 80° on the eastern shores of the Adriatic generally; above 70° all over southeastern Europe and above 60° at some German stations. Lowest 45° at Bodø, 50° at Christiansund and Sumburgh Head, above 55° on the southern shores of the North Sea. Rising later to between 70° and 75° in many parts of Great Britain, to 73° at Frankfort and Nice

Wind (1) light and variable over the southern half of the Continent – but anticyclonic in some places, cyclonic in others; (2) stronger and cyclonic over the British Islands and northern Europe – mainly W. over the United Kingdom and the North Sea, W. to N. over Scandinavia, SW. in the north of Russia, but E. in the Shetlands. Not much change later, but local variations in the south of England, due to small local disturbances.

Barometer highest 30·4 in: at Corunna, and exceeding 30·1 in: all over France, Western Germany, and the south and southwest of our Islands. Lowest (1) 29·8 in: and less, over Scotland and in a small depression over the south of Norway; (2) 29·4 in: and less to 29·5 in: in a larger disturbance over the north of Russia. Scotch disturbance and its secondaries in the south moving slowly to the eastward during the day.

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* Metecrological 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 Saturday, 7th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.77	48	SW	0	bc	29.92	+.25	49	42	0	N	4	bc	4	bc		52	41	
	Hernösand	29.79	57	SW	0	o	29.91	+.15	53	46	-1	N	4	c	4	o		63	45	
	Stockholm	29.75	61	SE	2	c	29.65	-.12	55	55	-5	E	8	r	4	c		64	52	0.08
	Wisby	29.75	59	SSW	4	b	29.58	-.20	62	59	+3	S	4	o	4	b		66	52	
	Karlstad	29.63	60	E	2	o	29.59	-.14	53	52	-4	NE	4	r	4	o		*	*	0.12
	Bodö	29.94	43	N	4	o	30.01	+.15	45	42	+3	N	2	o	1	o		45	39	0.04
	Christiansund ...	29.92	49	ENE	8	b	30.02	+.20	49	44	0	E	5	b	3	b		55	43	
	Skudesnaes ...	29.67	56	NNW	6	c	29.71	+.06	55	52	0	NNW	6	b	2	b.c		60	52	
	Færder (X'iania Fjord)	29.65	59	SW	0	o	29.56	-.11	56	54	-1	NNE	6	r	3	o		59	55	0.16
	The Scaw (Skagen)	29.65	59	E	1	o	29.48	-.20	54	54	-3	N	3	r	0	o,r		68	54	1.18
	Fanö	29.63	54	W	4	c	29.58	-.16	57	54	-2	WNW	6	c	*	c		63	52	0.32
British Islands.	Sumburgh Head ...	29.94	52	NNE	4	c	30.09	+.42	49	44	-4	N	4	bc	6	c		56	45	0.01
	Stornoway	30.13	56	N	5	c	30.27	+.39	52	48	-2	NNE	4	o	4	c[p.c	8.7	56	48	0.03
	Wick	30.01	54	NW	4	c	30.17	+.55	53	51	-1	N	5	c	3	c		56	49	0.03
	Nairn	30.04	56	NNW	4	o	30.22	+.50	51	47	-1	NW	4	o	4	o		59	46	0.06
	Aberdeen	29.96	52	NW	6	cq	30.15	+.44	49	46	-2	NW	5	cqp	4	oqp.oq	1.9	58	46	0.10
	Leith	29.96	58	NNW	3	bc	30.19	+.41	51	50	+1	NNW	3	bc	*	bc		66	48	
	Shields	29.90	56	NNW	3	bc	30.13	+.32	52	47	-5	NNW	3	c	2	p.bc,r		62	46	0.11
	Spurn Head ...	29.84	58	NNW	6	c	30.04	+.20	53	52	-5	NNW	7	c	4	cqr		64	49	0.54
	Loughborough ...	29.98	61	WNW	6	b	30.15	+.20	55	48	0	NNW	3	bc	*	cqbcq		62	49	
	Malin Head ...	30.12	56	NNW	5	b	30.27	+.31	55	53	-1	N	4	b	4	p.bc.b		57	42	0.01
	Blacksod Pt. ...	30.27	59	NW	3	b	30.36	+.17	58	53	-1	N	2	b	2	bc.b		62	52	0.01
	Donaghadee ...	30.11	58	N	4	bq	30.26	+.28	53	50	-4	N	4	bq	4	bq		59	49	0.01
	Liverpool (Bidston)	30.02	57	W	1	b	30.20	+.23	56	49	+1	NNW	1	bc	3	p.b		60	51	0.02
	Holyhead ...	30.11	56	NNW	3	bc	30.22	+.19	55	51	-3	NNW	5	bc	3	o.bc		62	51	
	Parsonstown ...	30.21	59	W	1	o	30.34	+.17	56	51	-2	NW	2	o	*	o	8.2	64	51	
	Valencia	30.33	60	WNW	4	c	30.38	+.10	57	54	-1	NNW	4	o	4	bc.c	11.7	61	54	
	Roche's Point ...	30.24	62	NNW	5	b	30.35	+.14	58	54	0	N	3	bc	3	b		63	53	
	Pembroke (St. Ann's Hd.)	30.16	59	WNW	2	bc	30.26	+.13	54	52	-2	NNE	4	bc	3	bc	14.1	60	52	
	Scilly	30.24	60	W	4	bc	30.26	+.07	58	55	-2	WNW	4	bc	2	bbc	14.3	68	54	
	Jersey (St. Aubin's) ...	30.19	63	W	4	b	30.20	+.06	59	53	-1	NW	4	bc	3	b.bw		64	56	
	Portland Bill ...	30.10	60	WNW	4	b	30.16	+.09	56	53	-1	NNW	4	b	3	c.b		62	52	
	Dungeness	29.99	64	NNW	4	bc	30.06	+.13	58	51	-5	N	6	c	4	c.bc		68	48	
	London (Brixton) ...	29.99	62	NW	4	cp	30.11	+.13	56	50	-4	N	4	c	*	cp.b	7.5	67	50	
	Oxford	30.03	59	NW	3	bc	30.15	+.15	56	50	-4	N	3	b	*	cp.bc		65	51	0.01
	Yarmouth	29.87	55	NW	3	r	30.00	+.15	55	50	-3	NNW	4	bc	4	tlrh		61	49	0.67
Germany.	Cuxhaven	29.71	58	WNW	4	bc	29.68	-.12	56	53	-3	WNW	5	bcp	*	bcp	6	61	52	0.24
	Berlin	29.70	62	SE	0	r	29.78	-.13	57	53	-6	W	4	c	*	r	*	70	52	0.39
	Frankfürt.	29.91	56	W	2	c	29.82	-.03	53	50	-9	SW	2	o	*	c	*	68	48	0.12
	Munich	29.89	59	SW	2	r	30.00	-.10	52	50	-8	SW	5	o	*	r	0	68	48	0.24
Netherlands.	The Helder ...	29.83	57	W	2	bc	29.86		56	53		NNW	4	c	4	bc	2	59	54	0.12
	Brussels	*	*	*	*	*	29.96	+.07	55	52	-4	NNW	3	o	*	c	2	66	51	0.35
	C. Gris Nez ...	29.97	61	WNW	3	o	30.02	+.12	55	52	-4	NNW	5	b	5	o	*	63	52	
	Paris	30.05	64	NW	4	bc	30.07	+.09	59	53	-1	NW	4	o	*	bc	2	73	55	
	Brest	30.27	59	NNW	2	c	30.26	+.05	57	55	0	NNW	2	c	2	c	2	66	54	
France &	Lorient	30.22	62	NNW	4	bc	30.24	+.06	57	55	-5	NNW	3	bc	3	bc	4	70	54	
	Rochefort	30.12	66	NW	5	b	30.16	+.02	59	55	-5	NNW	4	bc	*	b	4	68	54	
	Belfort	29.89	63	W	2	o	30.04	+.02	54	51	-3	W	2	o	*	o	*	72	47	
	Lyons	29.97	67	N	1	b	30.09	+.02	54	50	-11	NW	3	o	*	b	4	74	51	
	Nice	29.79	65	SW	0	o	29.87	-.25	65	60	+2	E	1	b	2	o	*	73	57	
	Perpignan	30.00	71	NW	4	o	30.04	-.04	64	56	0	NW	4	b	*	o	*	79	61	
	Biarritz	30.17	67	NW	4	r	30.17	-.02	64	58	-2	NW	4	c	3	r	*	70	61	0.08
Span. Pen.	Corunna																*			
	Lisbon														4		*			
	Azores (P. Delgada)	30.31	69	SE	1	bc	30.27	-.02	72	67	+2	SE	1	bc	2	bc	*	79	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 10.7 hrs.

WEATHER CHARTS

FOR Saturday, 7th July, 1900.

BAROMETER, WIND AND SEA.

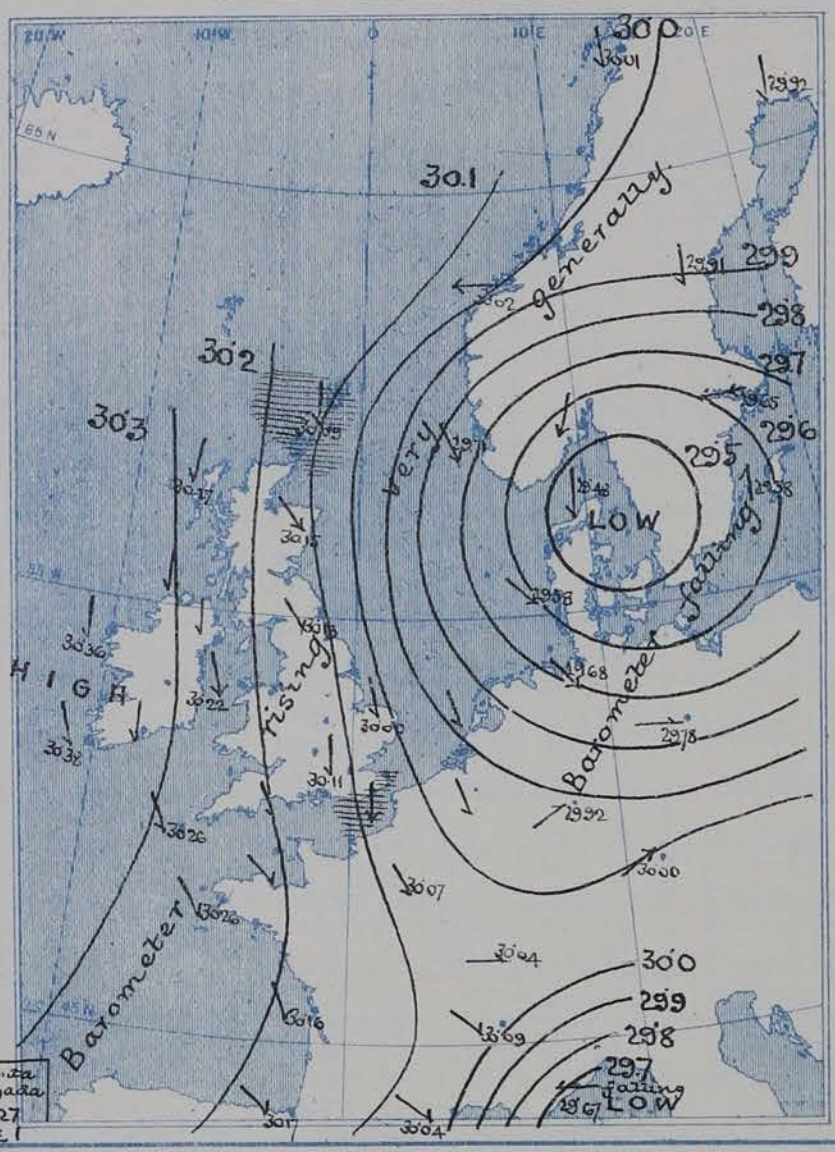
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* .

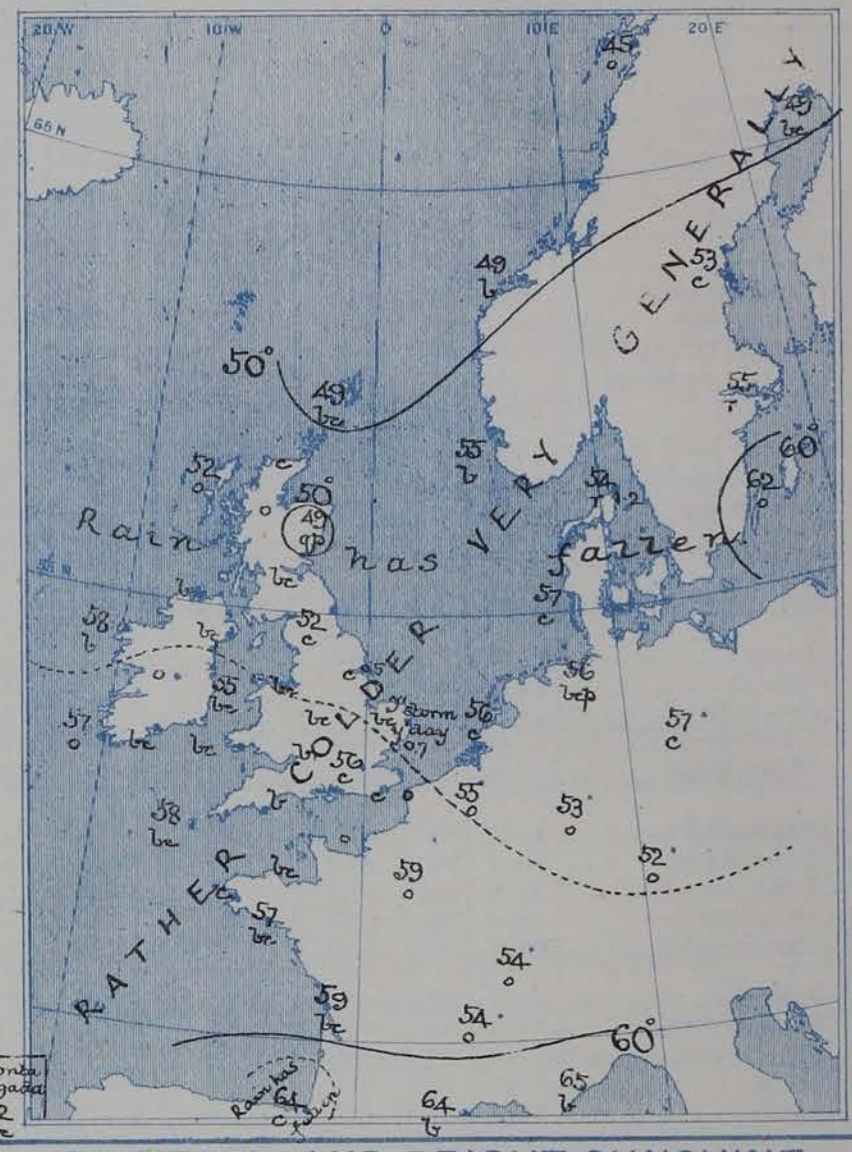


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·3 ins: and more to 30·2 ins: over Ireland, Wales, and the west of Scotland.
Lowest, 29·5 ins: and less, in a depression, the centre of which lies over the Sound.
Gradients steep over the North Sea and south of Scandinavia.
Barometer rising all over the British Islands and the northern part of Scandinavia, falling over Germany and the Baltic

TEMPERATURE

Higher, 65° to 64° on the south and southwest coasts of France, 59° at Paris, 58° at Dungeness and Scilly, 57° at Berlin.
Lower, 45° at Bodö, 49° at Haparanda, Christiansund, Sumburgh Head and Aberdeen, 52° at Shields.
Yesterday's maxima were below 60° all over Scotland, below 70° all over England; 70° at Berlin, 73° at Paris, 74° at Lyons, 79° at Perpignan.

WIND

(1) E^ly to N^rly, strong in Norway; NW^ly very strong over the North Sea, N^rly fresh to moderate, on our eastern coasts, NW^ly very strong on the north German coasts, SW^ly over Western Germany.
(2) A separate cyclonic circulation of winds prevails over the south of France and the north of the Mediterranean.

WEATHER

(1) Fair over our Islands generally – especially in the west and south, still rather squally at Aberdeen, dull over France.
(2) Rain is prevalent over the countries lying to the eastward of the North Sea.
Considerable rain has fallen over Germany, Belgium, and Denmark, heavy rain at the Scaw, and rather heavy on the east coast of England; at Yarmouth severe thunder and lightning occurred. Small showers occurred at our N^rn and NW^rn stations, but none in the SW. and S.
Bright Sunshine yesterday amounted to more than 14 hours at Scilly and Pembroke, and 12 hrs at Brighton, but only 1·9 hrs at Aberdeen.

SEA

Rough in the far north, moderate on our other coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather appears to be slowly becoming drier than of late in all parts of our Islands, but the wind N^rly, the air cold, and at night-time very cold.

FORECASTS

For the 24 hours ending at NOON on 8^th July, 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW^rly and N^rly winds, strong; slight passing showers. Clear and cold tonight
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	N^rly winds, fresh; fair. Clear and cold tonight.
5	ENGLAND SOUTH	
6	SCOTLAND WEST	N^rly to NE^rly breezes, moderating; fair generally. Cold tonight.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.67	60	54	NNW	6	bc	2
Sumburgh Head	29.85	55	51	NE	4	c	5
Stornoway... ...	30.04	56	53	N	1	c	1
Aberdeen	29.84	53	51	N	5	o qp	4
Shields	29.82	61	54	W	3	o	2
Malin Head ...	30.07	57	56	NW	5	bc	4
Blacksod Pt. ...	30.26	61	57	NW	4	bc	4
Holyhead	30.08	60	54	W	4	c	3
Valencia	30.33	61	56	WNW	5	bc	5
Scilly	30.23	61	56	WNW	4	b	2
Jersey	30.19	62	56	NW	5	b	4
Portland Bill ...	30.10	60	56	WNW	5	c	4
Dungeness ...	29.99	63	57	NNW	6	c	3
London (Westminster)	29.99	65	54	WNW	6	c	*
Yarmouth ...	29.86	61	55	NW	4	bc	3
Rochefort ...	30.13	68	64	NW	5	b	*

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

Weather in morning fine, bright and quiet over the greater part of Spain and over southeastern Europe and Central Russia, fine over our southwestern and southern coasts, very changeable and unsettled elsewhere. Considerable rain later over Germany and the countries bordering on the North Sea, (thunder at Yarmouth); slight showers over our northern and northeastern districts; a little rain at Biarritz.

Temperature falling over the northern part of Scandinavia, and still more over the northern and northeastern parts of Great Britain, rising over Central Europe and Sweden. Morning readings highest 84° at Pakas, 82° at Brindisi, 80° at Lesina and Thiesle; 77° at Malta, 73° at Algiers, 71° at Barcelona: above 60° in most parts of Russia, central Europe and France, as well as at a few stations in England. Lowest 42° at Bodö, 49° at Christiansund; 51° at Aberdeen, 54° at Wick and Lumbruigh Hd. Not touching 60° in Scotland all day, and falling short of 70° over England; touching 70° at Berlin and Lorient, 73° at Paris and Nice, 79° at Perpignan. Cold over the British Islands at night.

Wind (1) Light and variable over southeastern Europe and Mediterranean, NW¹ to NE¹ over Spain and Portugal; (2) NW³, fresh to very strong and gusty over the British Islands, SW¹ to S³, moderate over North Germany and the Baltic, N² in the northwest of Norway. Increasing a little in many parts of our Islands and remaining gusty.

Barometer highest 30·43 in: at Lesina, and exceeding 30·1 in: all over the southwestern parts of the British Islands, the Bay of Biscay, the west of France and the Spanish Peninsula as a whole. Lowest 29·7 in: and less, in a shallow oval shaped depression between Scotland and the south of Scandinavia, and below 29·6 in: in another over the extreme north of Europe; a small secondary over Belgium. Rising later all over our Islands and in Norway.

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 Sunday 8th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	49	S	0	b	29·95	+ ·03	50	45	+ 1	NNE	4	o	•	b	•	55	39	–
	Hernösand	29·81	49	NE	8	o	29·66	– ·25	47	46	– 6	N	6	o	•	o	•	57	47	1·89
	Stockholm	29·60	57	SSE	2	b	29·64	– ·01	57	56	+ 2	N	2	o	•	b	•	63	54	0·71
	Wisby	29·63	57	S	4	b	29·62	+ ·04	61	54	– 1	SSW	4	c	•	b	•	64	50	0·04
	Karlstad	29·54	51	NE	4	r	29·67	+ ·08	49	48	– 4	ENE	4	o	•	r	•	•	•	1·18
	Bodö	30·05	43	NNE	4	bc	29·99	– ·02	47	43	+ 2	N	4	c	1	bc	•	48	39	–
	Christiansund ...	30·04	48	ENE	5	bc	30·04	+ ·02	48	44	– 1	E	3	o	3	bc	•	52	43	–
	Skudesnaes ...	29·77	63	NNW	8	c	29·88	+ ·17	49	45	– 6	NNW	10	b	4	b,c	•	59	45	•
	Færder (X'iania Fjord)	29·59	51	N	8	o	29·74	+ ·18	52	48	– 4	N	6	bc	3	o	•	56	48	1·10
	The Scaw (Skagen)	29·57	52	N	7	o	29·71	+ ·23	52	49	– 2	N	7	o	2	o	•	55	50	0·47
	Fanö	29·78	56	WNW	4	c	29·81	+ ·23	57	54	0	NW	4	b	•	c	•	61	54	0·16
British Islands.	Sumburgh Head ...	30·15	50	NNE	4	b	30·12	+ ·03	50	47	+ 1	WNW	2	o	4	c.b	•	56	42	–
	Stornoway	30·29	57	N	3	o	30·20	– ·07	54	52	+ 2	SW	3	r	3	c.o	7·8	58	48	0·02
	Wick	30·27	50	N	4	c	30·16	– ·01	58	55	+ 5	S	2	c	2	c	•	58	38	–
	Nairn	30·25	54	NW	1	c	30·20	– ·02	56	52	+ 5	WNW	2	c	1	c	•	57	45	–
	Aberdeen	30·22	51	NW	5	bc	30·20	+ ·05	56	50	+ 7	NNW	2	c	3	cq.bc	12·3	56	42	–
	Leith	30·21	60	NNW	2	bc	30·23	+ ·04	59	53	+ 2	W	3	b	•	bc	•	63	47	–
	Shields	30·19	55	NNW	4	b	30·25	+ ·12	53	48	+ 1	NNW	2	bc	3	c.b	•	56	42	–
	Spurn Head ...	30·16	55	NNW	7	bc	30·22	+ ·18	54	53	+ 1	NW	5	c	4	bc	•	58	48	–
	Loughborough ...	30·19	62	NW	2	bc	30·28	+ ·13	57	50	+ 2	N	2	bc	•	bc.comp	•	64	45	0·01
	Malin Head ...	30·32	57	NNW	3	b	30·26	– ·01	57	54	+ 2	SW	1	c	1	b	•	57	53	–
	Blacksod Pt. ...	30·37	60	NNW	1	b	30·31	– ·05	58	55	0	SSW	3	c	3	b	•	61	50	–
	Donaghadee ...	30·29	57	NNE	4	b	30·30	+ ·04	55	52	+ 2	NW	2	c	2	b	•	58	45	–
	Liverpool (Bidston)	30·25	58	W	3	b	30·28	+ ·08	57	53	+ 1	WNW	1	bc	2	b	•	60	52	–
	Holyhead	30·29	55	NNW	3	bc	30·31	+ ·09	56	52	+ 1	N	1	c	1	bc	•	57	50	–
	Parsonstown ...	30·33	65	NW	1	c	30·33	– ·01	57	53	+ 1	NW	1	o	•	c	6·9	65	43	–
	Valencia	30·39	60	NW	3	b	30·36	– ·02	59	55	+ 2	S	0	o	2	c.b	8·5	62	51	–
	Roche's Point ...	30·37	64	N	2	b	30·37	+ ·02	58	55	0	S	0	b	1	b	•	65	52	–
	Pembroke (St. Ann's Hd.)	30·29	59	N	3	bc	30·32	+ ·06	55	53	+ 1	S	0	bc	2	bc	13·4	59	50	–
	Scilly	30·32	60	NNW	4	b	30·32	+ ·06	60	57	+ 2	NW	1	bcw	0	b	14·2	62	55	–
	Jersey (St. Aubin's) ...	30·25	63	WNW	3	b	30·30	+ ·10	62	55	+ 3	N	3	bmw	3	b	•	64	54	–
	Portland Bill ...	30·21	61	NW	3	bc	30·29	+ ·13	56	52	0	N	3	b	2	o.bc	•	62	49	–
	Dungeness	30·15	60	N	4	c	30·24	+ ·18	56	49	– 2	N	4	b	2	c	•	63	46	–
	London (Brixton) ...	30·18	61	N	3	bc	30·26	+ ·15	56	50	0	N	2	bc	•	c.b	8·5	64	44	–
	Oxford	30·22	56	N	2	b	30·29	+ ·14	54	48	– 2	N	2	c	•	b	•	64	45	–
	Yarmouth	30·09	56	NNW	6	cq	30·16	+ ·16	54	49	– 1	NNW	4	bc	5	cq	•	56	48	0·04
France & Netherlands. Germany.	Cuxhaven	29·76	56	WNW	5	r	29·86	+ ·18	54	52	– 2	WNW	4	o	•	r	•	57	52	0·04
	Berlin	29·77	61	W	4	b	29·78	·00	53	53	0	WNW	4	c	•	c	•	70	52	0·04
	Frankfürt	29·99	54	NW	4	c	30·04	+ ·12	51	48	– 2	W	4	o	•	c	•	64	50	–
	Munich	29·97	49	SW	5	r	30·05	+ ·05	48	47	– 4	W	6	r	•	r	•	57	46	0·24
	The Helder ...	29·97	55	NNW	4	c	30·04	+ ·18	55	49	– 1	NNW	5	c	5	c	•	57	54	–
	Brussels	•	•	•	•	•									•		•			
	C. Gris Nez ...	30·12	55	N	5	c	30·17	+ ·16	53	51	– 2	N	5	b	5	c	•	59	50	–
	Paris	30·16	59	N	4	bc	30·23	+ ·16	55	49	– 4	NNW	3	b	•	bc	•	67	48	–
	Brest	30·31	59	N	1	b	30·33	+ ·07	54	51	– 3	NNE	1	b	1	b	•	63	48	–
	Lorient	30·26	61	N	4	bc	30·30	+ ·06	53	51	– 4	NE	2	b	2	bc	•	70	50	–
	Rochefort	30·14	64	NW	4	bc	30·24	+ ·08	58	55	+ 1	NE	3	b	•	bc	•	68	54	–
	Belfort	30·00	53	WSW	3	o	30·17	+ ·13	50	46	– 4	W	4	c	•	o	•	64	44	0·12
	Lyons	30·08	61	NW	2	o	30·21	+ ·12	52	48	– 2	N	2	o	•	o.bp	•	65	49	0·12
	Nice	29·66	69	NE	5	c	29·84	+ ·17	67	57	+ 2	E	1	c	1	c	•	77	57	–
	Perpignan	30·08	69	NW	5	b	30·15	+ ·11	64	55	0	NE	2	b	•	b	•	73	57	–
	Biarritz	30·20	65	NNW	3	c	30·16	– ·01	63	59	– 1	NNE	2	b	2	c	•	68	57	–
Span. Pen.	Corunna	30·27	68	NNE	3	b	30·19		64	59		NE	3	bc	2	b	•	68	59	–
	Lisbon	30·01	79	N	5	b	29·99	– ·08	77	60	– 2	NE	5	bc	•	b	•	95	72	–
	Azores (P. Delgada)	30·26	69	SW	1	b	30·21	– ·06	72	69	0	S	0	c	2	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 13·7 *hrs.*

WEATHER CHARTS

FOR Sunday, 8th July, 1900.

BAROMETER, WIND AND SEA.

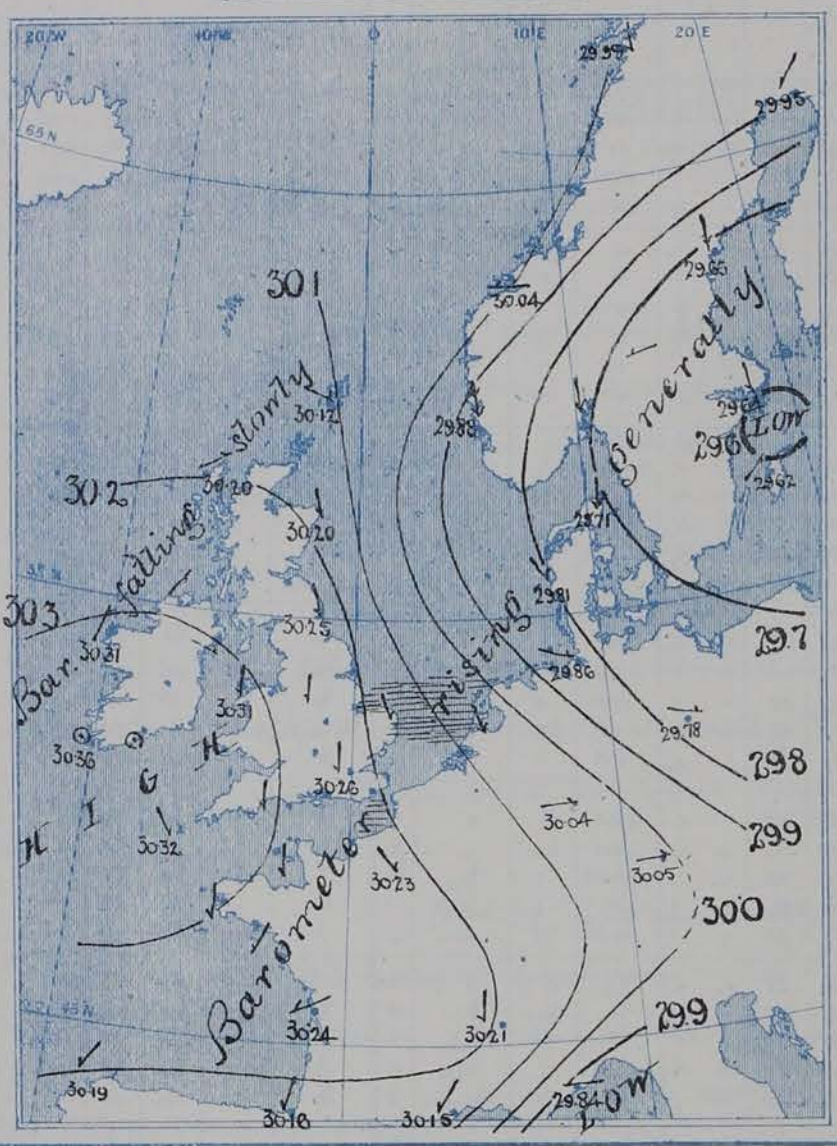
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.2 ins. in an anticyclone covering the greater part of the British Islands, the Bay of Biscay and France.
Lowest 29.7 ins. and less in a depression lying over Sweden and the Baltic – the lowest of all, being 29.62 ins. at Wisby
Gradients somewhat steep for N. or NW. winds over the North Sea very slight and anticyclonic over our Islands. Barometer rising at the E. stations, but a fresh fall has commenced in Ireland & the W. of Scotland

TEMPERATURE

Highest 77° at Lisbon, 63° to 67° over the S. parts of France, 60° at Scilly, 59° at Valencia & Leith, 58° at Hirck
Lowest (1) 47° at Bodo and Hernösand, 49° at Skudesnoes (2) 48° at Munich, 51° at Frankfort, 50° at Belfort
None of the maxima recorded over our Islands yesterday exceeded 65°, and in Scotland they were below 60°. At Berlin the maximum was 70, at Paris 67°, at Nice and P. Delgada 77°, and at Lisbon 59°.

WIND

(1) N. to E. over the north of Scandinavia, N., strong to a gale, in the south of Norway and north of Denmark; WNW., moderate, at Berlin, SW., light at Wisby
(2) Light and anticyclonic at our western stations (SW. in the extreme NW.) and nearly calm on our southwest coasts (3) NE. over the Bay of Biscay; (4) E., light, in the south of France (the Riviera. The strong NW. winds reported on our E. coast yesterday have died down

WEATHER

(1) Still showery in some parts of Germany; (2) Fine generally over the United Kingdom, but beginning to rain again at Stornoway, and looking very unsettled on our W. coasts generally. There has not been any rain at the great bulk of our own stations during the past 24 hours, but more than a tenth of an inch in the S. of France and S. Germany. Thunder has occurred at Lyons. Bright Sunshine varied from about 14 hrs. at Scilly & Southport to about 7 hrs. at Parsonstown.

SEA

Still rather rough at Yarmouth, smooth at most of our stations, but moderate is inclined to rise in the far north.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 9TH JULY 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NONE ISSUED
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29·71	59	54	NNW	6	b	2
Sumburgh Head	30·68	54	49	N	4	c	6
Stornoway... ...	30·28	58	53	NE	3	c	3
Aberdeen	30·19	54	47	NW	6	cq	4
Shields	30·19	54	49	N	4	c	2
Malin Head ...	30·30	56	54	NNW	3	3	3
Blacksod Pt.. ...	30·37	61	55	N	2	b	2
Holyhead	30·29	57	51	N	3	b	3
Valencia	30·39	61	56	WNW	3	c	4
Scilly	30·30	60	55	WNW	5	b	2
Jersey	30·24	62	55	NNW	4	bc	3
Portland Bill ...	30·21	62	56	NW	3	c	2
Dungeness ...	30·13	62	52	N	5	c	4
London (Westminster)	30·16	60	49	NNW	5	bc	*
Yarmouth ...	30·07	56	52	NW	6	cq	5
Rochefort ...	30·14	64	61	NNW	5	bc	*

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

Weather in morning fine (1) over Spain, France, and the major part of the British Islands, (2) over Central Russia, Finland, and the White Sea; dull, rough and unsettled (1) over Denmark, the Baltic, and North Germany; (2) over the northern part of the Mediterranean, — much rain at the northern stations. Rain later in large quantities over Sweden, in smaller quantities in Germany and the south of France. Remaining fair over the British Islands and the north and west of France.

Temperature in morning fallen somewhat over Western Europe and Italy. Morning readings highest 80° in Greece, 79° at Lisbon and Algiers, 78° at Barcelona, 79° to 71° in the south of Russia, and above 60° over Hungary, Poland and eastern Germany. Lowest 45° at Hparanda, 49° at Sumburgh Hd. and Aberdeen, 52° at Stornoway and 53° at Spurn Hd. Not nearly reaching 70° later over our Islands, but rising to 70° at Madrid and Lorient, 77° at Nice, 95° at Lisbon.

Wind N' to NW' all over western Europe, and blowing very strongly over several parts of the North Sea, but with only moderate strength on our western coast; W' in North Germany, and an E' gale at Stockholm. A separate cyclonic circulation over the northern and eastern parts of the Mediterranean and north of the Adriatic, a NW. gale at Toulon. Moderating along our east coast later.

Barometer highest 30·3 ins. and more in Ireland, and exceeding 30·2 ins. on all our western coasts and over the Bay of Biscay. Lowest (1) 29·5 ins. and less in a depression over the Sound, Denmark, and the south of Sweden; (2) 29·7 ins. and less in another, and complex depression over the Mediterranean and Adriatic. The northern depression moving eastwards slowly later, and barometer rising over the British Islands and Western 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; i. 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 9th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, *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 ...														•		•			
	Hernösand ...	29.69	48	NW	6	o	29.64	−·02	47	46	0	WNW	2	r	•	o	•	52	45	0·08
	Stockholm ...	29.73	?	ENE	2	r	29.69	+·05	51	49	− 6	NW	2	o	•	r	•	63	48	0·16
	Wisby	29.67	57	SSW	4	c	29.69	+·07	53	51	− 8	N	6	o	•	c	•	63	50	0·04
	Karlstad	29.77	52	NNE	2	c	29.78	+·11	49	44	0	N	4	b	•	c	•	•	•	0·04
	Bodö	29.94	47	NE	2	c	29.91	−·08	48	44	+ 1	N	4	b	1	c	•	48	43	—
	Christiansund ...	30.02	49	[illegible]	2	c	29.97	−·07	49	46	+ 1	WNW	3	r	2	c	•	52	46	0·12
	Skudesnaes ...	29.99	49	NNW	7	c	29.99	+·11	50	47	+ 1	NNW	6	c	2	c	•	52	45	•
	Færder (X'iania Fjord)	29.80	58	N	2	o	29.87	+·13	52	46	0	N	5	b	2	o	•	58	50	—
	The Scaw (Skagen)	29.82	54	NW	1	bc	29.86	+·15	53	49	+ 1	NE	3	o	0	bc	•	59	52	—
	Fanö	29.94	52	WNW	6	c	29.96	+·15	53	49	− 4	WNW	6	c	•	c	•	59	52	—
British Islands	Sumburgh Head ...	30.05	52	SW	2	c	30.08	−·12	51	49	+ 1	L	0	o	3	c	•	54	47	0·05
	Stornoway	30.11	59	WSW	4	o	29.99	−·21	58	57	+ 4	WSW	3	r	3	2,o	0·4	59	50	0·50
	Wick	30.08	56	L	0	r	29.99	−·17	56	56	− 2	L	0	rf	1	r	•	60	51	0·55
	Nairn	30.10	56	W	2	o	30.00	−·20	60	58	+ 4	W	3	o	1	o	•	60	53	0·04
	Aberdeen	30.13	56	SW	1	org	30.03	−·17	58	57	+ 2	WSW	1	ornq	2	c, org	4·8	60	54	0·21
	Leith	30.18	59	W	2	o	30.08	−·15	61	58	+ 2	W	4	o	•	o	•	67	55	—
	Shields	30.19	56	SE	1	o	30.11	−·14	60	58	+ 7	WSW	2	o	2	op	•	60	52	0·01
	Spurn Head ...	30.24	57	ESE	1	c	30.15	−·07	58	56	+ 4	W	4	c	3	c	•	59	53	—
	Loughborough ...	30.26	61	W	3	o	30.23	−·05	60	56	+ 3	WNW	2	o	•	bc, c, o	•	67	54	—
	Malin Head ...	30.20	58	W	3	cpm	30.10	−·16	59	57	+ 2	W	4	ogmr	3	og, c, mp	•	60	56	—
	Blacksod Pt. ...	30.28	61	SW	3	c	30.16	−·15	59	55	+ 1	SW	5	o	4	c	•	62	55	—
	Donaghadee ...	30.25	61	WNW	1	o	30.17	−·13	61	59	+ 6	W	3	c	2	o, p	•	62	53	—
	Liverpool (Bidston)	30.29	56	W	3	o	30.21	−·07	60	58	+ 3	WSW	3	o	3	o	•	60	55	0·01
	Holyhead	30.29	58	SW	2	o	30.22	−·09	62	59	+ 6	WSW	2	c	1	o	•	62	52	—
	Parsonstown ...	30.35	63	SW	1	o	30.21	−·12	62	59	+ 5	SW	1	c	•	o	4·4	65	56	—
	Valencia	30.33	60	SW	1	o	30.23	−·13	60	56	+ 1	S	4	o	4	o	0·3	64	55	—
	Roche's Point ...	30.34	60	SSW	3	c	30.28	−·09	60	56	+ 2	SSW	3	bc	3	c	•	64	55	—
	Pembroke (St. Ann's Hd.)	30.33	59	NW	1	bc	30.29	−·03	57	57	+ 2	W	2	cg	1	bc	10·3	59	55	—
	Scilly	30.34	63	WNW	2	bc	30.30	−·02	61	58	+ 1	WNW	1	bcw	0	bc	14·8	66	57	—
	Jersey (St. Aubin's) ...	30.32	61	NW	3	cg	30.34	+·04	60	56	− 2	W	3	bc	3	bc, cg	•	64	57	—
	Portland Bill ...	30.30	59	W	3	bc	30.29	·00	57	55	+ 1	WNW	2	c	2	bc	•	61	54	—
	Dungeness	30.26	64	SW	2	o	30.24	·00	60	56	+ 7	WNW	2	c	2	o	•	65	55	—
	London (Brixton) ...	30.25	63	NW	2	o	30.25	−·01	59	54	+ 3	WNW	1	o	•	bc, c, o	6·6	66	55	—
	Oxford	30.26	62	NW	1	o	30.25	−·04	60	56	+ 6	W	1	o	•	c, op	•	65	54	—
	Yarmouth	30.23	57	NNW	3	c	30.17	+·01	54	53	0	W	3	rnw	4	c	•	58	52	0·02
Germany	Cuxhaven	29.98	54	NW	5	o	30.00	+·14	53	52	− 1	NW	6	orq	•	o, orq	•	55	50	0·08
	Berlin	29.91	55	NW	3	r	29.95	+·17	51	50	− 6	WNW	4	o	•	r	•	63	48	0·39
	Frankfürt	30.15	53	NW	2	c	30.23	+·19	51	48	0	W	2	o	•	c	•	61	48	0·04
	Munich	30.17	50	W	6	c	30.23	+·18	49	46	+ 1	W	5	c	•	c	•	57	46	0·04
Netherlands	The Helder ...	30.15	55	NNW	3	c	30.13	+·09	56	53	+ 1	WNW	2	o	2	c	•	57	52	—
	Brussels	"	"	"	"	"									•		•			
	C. Gris Nez ...	30.23	57	N	1	o	? 30.19	+·02	57	53	+ 4	WNW	2	o	2	o	•	64	52	—
	Paris	30.26	61	N	3	c	30.34	+·11	54	51	− 1	SSW	2	o	•	c	•	67	?52	—
	Brest	30.29	60	N	2	b	30.34	+·01	57	55	+ 3	N	1	b	0	b	•	68	52	—
France	Lorient	30.31	65	N	3	bc	30.34	+·04	54	51	+ 1	NE	1	bc	0	bc	•	68	50	—
	Rochefort	30.23	64	NW	4	b	30.24	·00	61	57	+ 3	E	3	b	•	b	•	72	54	—
	Belfort	30.19	52	W	4	o	30.32	+·15	48	46	− 2	L	0	mr	•	o	•	59	41	0·16
	Lyons	30.23	56	N	2	bc	30.32	+·11	52	48	0	NNW	1	bc	•	bc	•	62	47	—
	Nice	29.88	62	NE	5	c	30.04	+·20	65	54	− 2	E	1	bc	1	c	•	75	57	0·04
	Perpignan	30.13	68	NNW	4	b	30.27	+·12	66	53	+ 2	NW	3	c	•	b	•	73	55	—
	Biarritz	30.18	66	N	4	bc	30.24	+·08	60	54	− 3	NNE	3	b	2	bc	•	68	54	—
Span. Pen.	Corunna														•		•			
	Lisbon	29.96	80	N	4	b	30.00	+·01	75	58	− 2	NE	4	o	•	b	•	91	73	—
	Azores (P. Delgada)	30.24	73	L	0	c	30.20	−·01	71	69	− 1	SSW	4	c	3	c	•	79	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 7·1 hrs.

WEATHER CHARTS

FOR *Monday, 9th July, 1900.*

BAROMETER, WIND AND SEA.

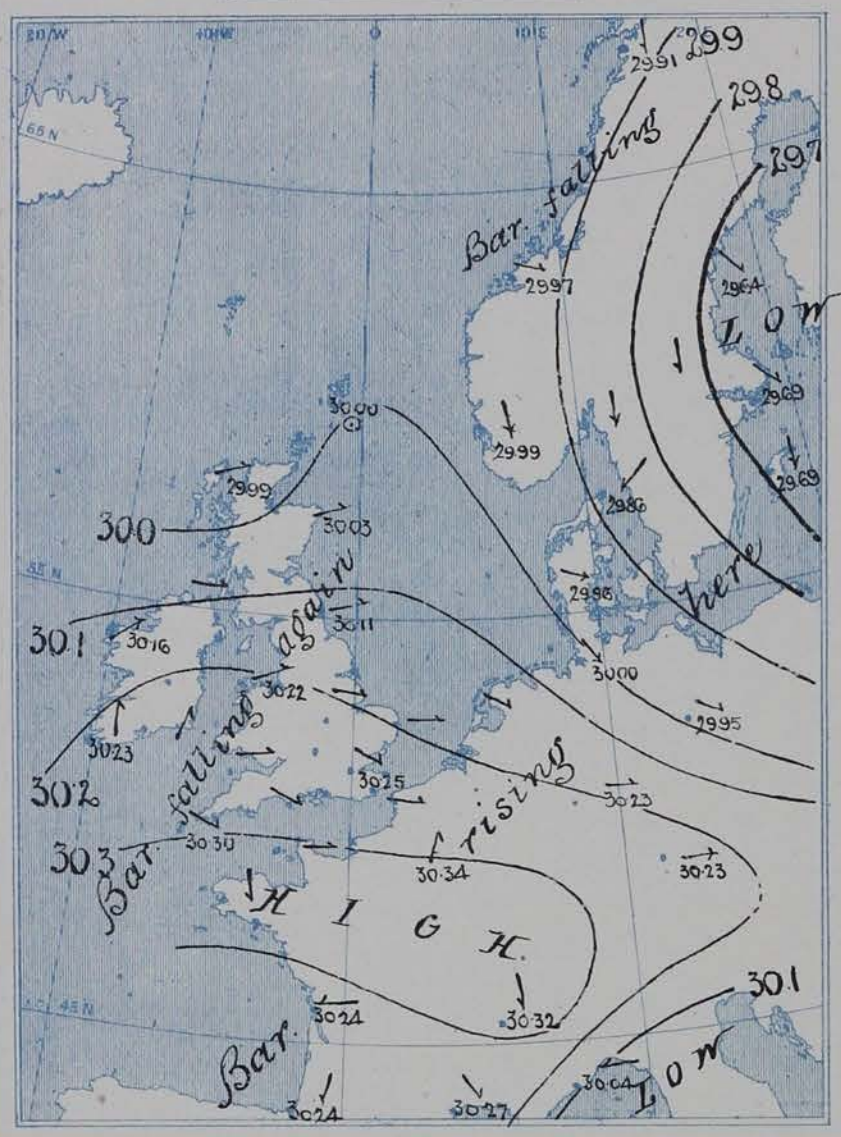
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins: and more to 30.2 ins: in an anticyclone covering the Bay of Biscay, France and the southern parts of the British Islands.
Lowest (1) 30.0 ins: and less, over the north of Scotland, (2) 29.4 ins: and less over Sweden.
Gradients were slight
Barometer was falling steadily in the west of Ireland – very little over England.

TEMPERATURE

Highest (1) 61° at Rochefort and Scilly, 63° at Dungeness, 60° at Valencia (2) 61° to 60° over the northeastern parts of England.
Lowest (1) 49° to 49° over the Nth. parts of Scandinavia, 51° at Lumberyh Hd. & Berlin 49° at Munich 48° at Belfort.
The maxima recorded yesterday were, (1) below 70° in all parts of our Islands; (2) below 60° at Cuxhaven and Munich, 67° at Paris, 72° at Rochefort 75° at Nice.

WIND

(1) N.E. to N.N.E., moderate to strong on the eastern shores of the North Sea, N.E. on our own east coast.
(2) S.E. in Ireland and freshening in force
(3) Anticyclonic over France, and very light.

WEATHER

Fine over France and the Mouth of the English Channel, dull over nearly the whole of our Islands, with misty rain at some of the Scotch stations and at Yarmouth; fine over Scandinavia
Considerable rain has fallen in Scotland and also over Germany, only a few slight local showers elsewhere. A solar halo was seen in London yesterday afternoon.
Bright sunshine recorded yesterday amounted to 15 hours at Scilly, and 10 hours on our southeast coast. At Stornoway there was only 0.4 hour: and at Parsonstown 4.4 hours.

SEA

Smooth or nearly so, except in the far west.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is evidently a new depression coming towards Ireland from the westward; this will cause rain again on our western and northern coasts, and the rain will probably reach England East tonight or by the morning.

FORECASTS

For the 24 hours ending at NOON on JULY 10TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southwesterly and Southerly winds, moderate to fresh; rainy, unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Westerly to Southerly winds, moderate; fair at first, rainy tonight or tomorrow.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Southerly and Southwesterly winds, freshening; rainy.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29·93	52	47	NNW	10	b	4
Sumburgh Head	30·07	52	51	W	1	r	4
Stornoway... ...	30·13	55	54	SW	3	r	3
Aberdeen	30·17	55	53	W	2	org	3
Shields							
Malin Head ...	30·22	59	55	W	3	o	2
Blacksod Pt. ...	30·29	61	59	SW	3	o	3
Holyhead	30·32	59	54	NW	1	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·34	64	60	SW	1	o	3
Scilly	30·34	65	60	WSW	1	bc	0
Jersey	30·34	64	55	NNW	4	bc	3
Portland Bill ...	30·31	60	57	W	3	c	3
Dungeness ...	30·25	64	54	NNW	1	c	0
London (Westminster)							*
Yarmouth ...	30·28	58	51	NNW	4	bc	4
Rochefort ...	30·25	66	61	WNW	3	bc	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM JULY 1ST TO 7TH 1900.

At the commencement of the week the barometer was highest (30.1 ins: and more to 29.9 ins) over Southwestern and Southern Europe and the south of Russia, lowest (29.4 ins: and less) over the north of Scotland and off the west of Norway. Temperature was highest over the southern, eastern and northern countries, and while variable airs and calms prevailed over the southern and eastern regions, there was a moderate current of wind from West over the British Islands, Southwesterly over Germany, Southerly over the Baltic, Sweden and Finland, and a strong Easterly breeze at Bodö.

In the course of the next day or two numerous shallow local disturbances passed from west to east over the northwestern countries, bringing with them showers in most places, thunder at a few stations, but on Tuesday these were ceasing for a brief interval. Wednesday brought a renewal of the rain to Ireland, and a new disturbance and its secondaries caused it to become general; Friday found the disturbance lying between Scotland and Norway, Saturday found it over the Sound, the weather improving slowly as the centre passed away to the eastward of the North Sea. Temperature was low in the daytime for the time of year, except on Thursday, but the nights were but little cold. At the close of the week fine weather prevailed in our Islands generally, with Northerly breezes; but stronger Northerly winds were prevalent to the eastward of 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.

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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 Tuesday 10th JULY, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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.	°				ns.	Ins.	°	°	°									Ins.
Scandinavia	Haparanda	29.89	47	NW	4	o	29.50		46	45		NNE	6	o	•	o	•	48	45	0.39
	Hernösand	30.04	56	NNE	3	b	29.79	+ .15	50	44	+ 3	NW	6	b	•	b	•	57	46	—
	Stockholm	29.78	51	WNW	2	o	29.88	+ .19	52	49	+ 3	WNW	2	bc	•	o	•	55	46	0.04
	Wisby	29.78	53	NW	4	o	29.90	+ .21	54	51	+ 1	N	4	b	•	o	•	54	48	0.12
	Karlstad	29.84	54	N	2	c	29.97	+ .19	50	44	+ 1	W	2	b	•	c	•	•	•	—
	Bodö	29.89	47	NW	4	o	29.88	— .03	45	41	— 3	WNW	6	o	3	o	•	48	43	0.08
	Christiansund ...	30.04	50	NNE	3	b	30.03	+ .06	50	44	+ 1	ESE	2	b	2	b	•	54	41	—
	Skudesnaes ...	29.95	50	NNW	6	b	29.98	— .01	52	50	+ 2	L	0	b	1	b	•	55	45	•
	Færder (X'iania Fjord)	29.78	57	WSW	4	b	29.99	+ .12	52	46	0	NNE	2	b	1	b	•	57	52	—
	The Scaw (Skagen)	29.89	54	NW	1	b	29.98	+ .12	59	53	+ 6	E	2	b	0	b	•	61	52	—
	Fanö	29.98	51	WNW	3	b	29.99	+ .03	54	50	+ 1	NW	2	b	•	b	•	59	46	—
British Islands	Sumburgh Head ...	29.94	51	SE	2	o	29.96	— .14	53	53	+ 2	S	1	r	3	o	•	54	48	0.12
	Stornoway	29.90	58	W	4	r	29.83	— .15	57	56	— 1	SW	5	o	5	d.r	0.0	60	53	0.40
	Wick	29.90	60	W	2	r	29.88	— .11	57	56	+ 1	L	0	r	1	r	•	62	55	0.65
	Nairn	29.95	60	W	1	o	29.89	— .11	60	58	0	W	2	o	1	o	•	61	55	0.32
	Aberdeen	29.97	60	W	1	o g r	29.91	— .12	62	58	+ 4	WSW	1	bc	1	org	0.0	63	56	0.32
	Leith	30.02	57	W	3	r	29.97	— .11	67	61	+ 6	W	3	c	•	r	•	67	56	0.28
	Shields	30.05	61	SW	2	r	30.03	— .08	63	60	+ 3	SW	1	c	2	p.r	•	65	56	0.21
	Spurn Head ...	30.09	63	WNW	4	c	30.08	— .07	63	58	+ 5	NW	1	bc	1	c	•	64	56	0.01
	Loughborough ...	30.16	65	W	2	o	30.13	— .10	62	54	+ 2	WSW	2	bcw	•	c.o.c.bc	•	68	49	—
	Malin Head ...	30.02	59	W	4	o g m	29.92	— .18	62	56	+ 3	S	3	b	1	o g m	•	62	55	—
	Blacksod Pt. ...	30.05	60	SW	5	o	29.91	— .25	61	56	+ 2	SW	6	bq	5	c.o	•	61	56	—
	Donaghadee ...	30.09	69	NW	2	c	30.01	— .16	61	56	0	SSW	2	b	2	c	•	70	52	—
	Liverpool (Bidston)	30.16	64	SW	3	c	30.11	— .10	66	57	+ 6	L	0	b	1	c	•	69	55	—
	Holyhead	30.14	58	SW	4	bc	30.08	— .16	59	57	— 3	SW	3	bcw	2	c.bc	•	64	55	—
	Parsonstown ...	30.10	70	SW	1	c	30.03	— .18	62	57	0	SE	1	b	•	c	10.7	72	50	—
	Valencia	30.12	63	SSE	4	c	29.96	— .27	64	58	+ 4	SSE	3	b	3	c	8.3	65	54	—
	Roche's Point ...	30.20	62	SW	4	bc	30.06	— .22	60	59	0	SE	3	cm	3	bc	•	64	56	—
	Pembroke (St. Ann's Hd.)	30.24	58	WSW	3	bc	30.12	— .17	60	59	+ 3	S	3	b	2	bc	6.9	61	56	—
	Scilly	30.24	65	SSW	2	bc	30.08	— .22	61	59	0	ESE	5	cw	2	bc	14.8	68	58	—
	Jersey (St. Aubin's) ...	30.29	66	W	3	bc	30.20	— .14	65	60	+ 5	SSE	2	o	2	bc	•	67	49	—
	Portland Bill ...	30.24	60	W	2	bc	30.18	— .11	60	58	+ 3	SW	1	bm	2	c.bc	•	62	53	—
	Dungeness	30.18	61	W	4	o	30.15	— .09	62	57	— 1	W	3	bc	2	o	•	67	55	—
	London (Brixton) ...	30.18	68	WNW	2	o	30.16	— .09	62	56	+ 3	W	1	bc	•	o.bc.b	0.3	70	51	—
	Oxford	30.18	64	WSW	2	c	30.15	— .10	61	56	+ 1	SW	1	b	•	c.b	•	68	51	—
	Yarmouth	30.12	65	WNW	2	o	30.08	— .09	61	56	+ 7	W	3	bcm	3	c.o	•	66	52	0.02
Germany	Cuxhaven	29.99	56	NW	4	o	30.02	+ .02	57	53	+ 4	N	1	b	•	o	•	57	52	0.04
	Berlin	29.97	58	W	3	c	29.99	+ .04	55	51	+ 4	NW	3	bc	•	c	•	64	50	0.08
	Frankfürt	30.19	52	SW	2	r	30.08	— .15	57	56	+ 6	SW	2	r	•	r	•	59	51	0.35
	Munich	30.28	50	W	5	c	30.17	— .06	49	49	0	W	5	r	•	c	•	55	46	0.12
France & Netherlands.	The Helder ...	30.06	57	WSW	2	r	30.06	— .07	58	57	+ 2	WNW	2	o	1	r	•	59	55	0.32
	Brussels	•	•	•	•	•	30.16		60	58		WSW	1	o	•	r	•	60	51	0.04
	C. Gris Nez ...	30.05	58	W	2	o	30.13	— .06	60	59	+ 3	W	2	b	2	o	•	63	54	—
	Paris	30.24	70	NW	2	c	30.23	— .11	60	55	+ 6	SSW	1	bc	•	c	•	71	50	—
	Brest	30.24	64	N	1	b	30.14	— .20	59	57	+ 2	E	2	b	2	b	•	70	55	—
	Lorient	30.27	67	L	0	b	30.15	— .19	60	58	+ 6	ESE	3	b	1	b	•	73	54	—
	Rochefort	30.22	69	NNW	3	b	30.14	— .10	64	58	+ 3	SE	3	b	•	b	•	84	55	—
	Belfort	30.31	55	WSW	1	o	30.26	— .06	53	52	+ 5	W	2	m	•	o	•	61	48	—
	Lyons														•		•			
	Nice	30.11	84	NE	1	bc	30.12	+ .08	64	52	— 1	E	2	c	1	bc	•	?	54	—
	Perpignan	30.17	74	NW	3	c	30.19	— .08	68	61	+ 2	SW	1	b	•	c	•	78	50	—
	Biarritz	30.15	69	NE	3	b	30.03	— .21	64	57	+ 4	E	5	b	1	b	•	75	57	—
Span. Pen.	Corunna														•		•			
	Lisbon														•		•			
	Azores (P. Delgada)	30.14	73	W	4	o	30.11	— .09	70	65	— 1	NNE	4	bc	3	o	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 2.3 *hrs.*

WEATHER CHARTS

FOR Tuesday, 10th July, 1900.

BAROMETER, WIND AND SEA.

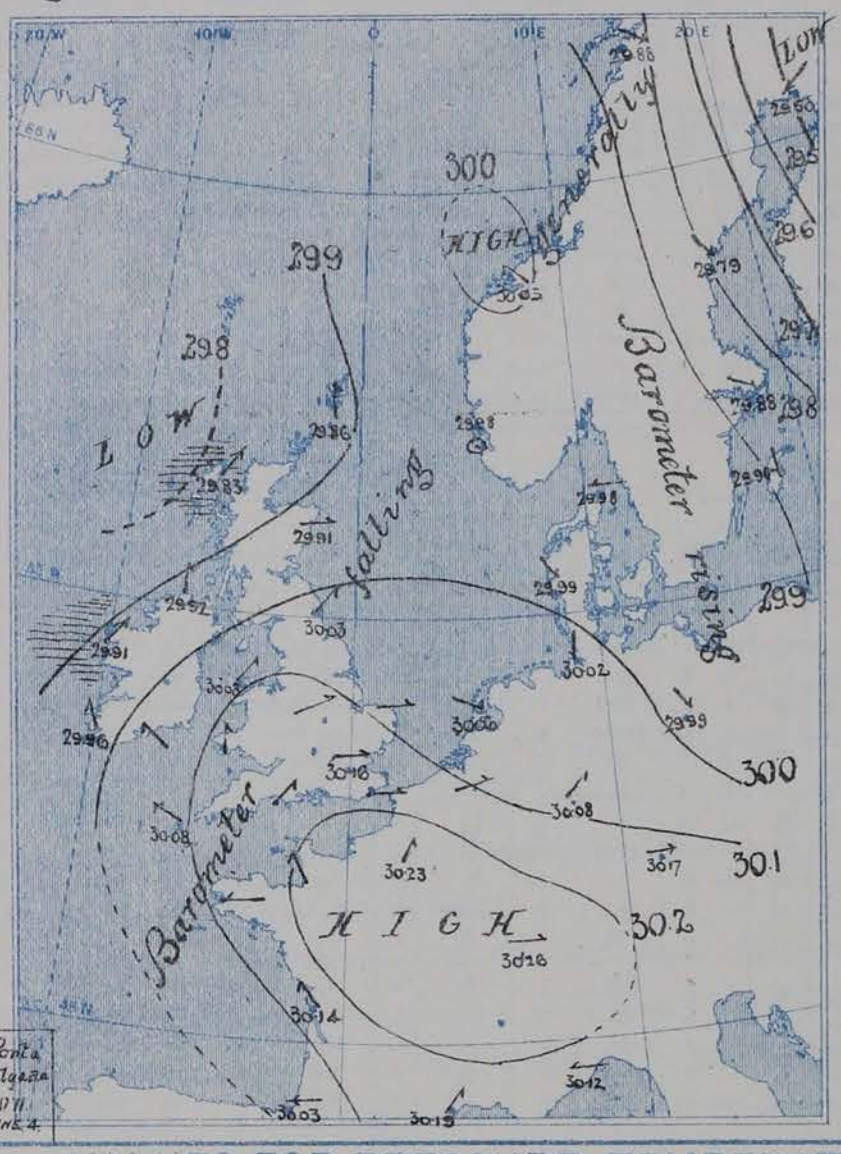
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

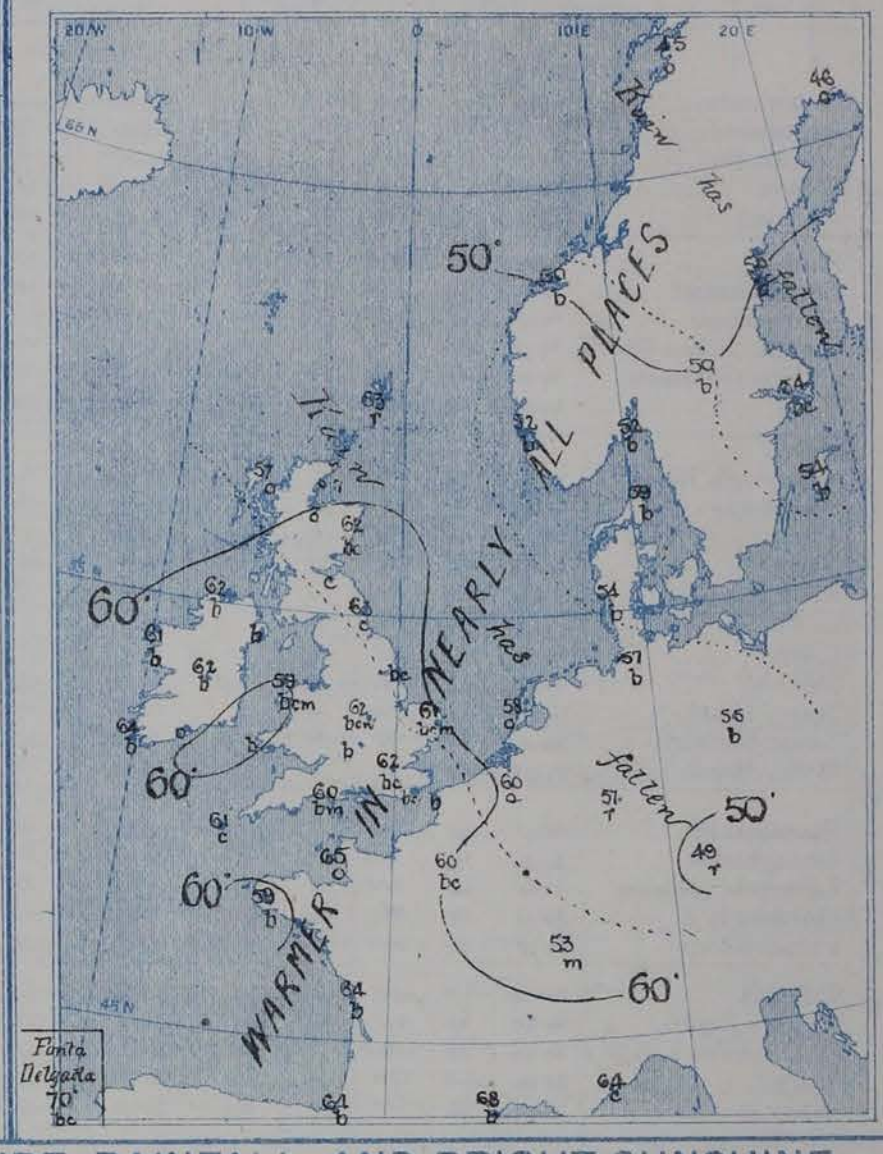


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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	29·931	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and more to 30.1 ins. in an anticyclone covering France & the S.ᵀʰ half of England.
Lowest 29.5 ins. at Haparanda; 29.8 ins. off our extreme NW. coasts.
Gradients slight over the S.ᵀʰ districts, moderate in the W. and N.
Barometer still falling in the W. and NW. but the fall is not spreading much in an E.ˡʸ direction.

TEMPERATURE

Highest (1) 64° in the SW. of France, 62° in London and at Loughborough; (2) 67° at Leith, 66° at Liverpool 62° at Aberdeen 63° at Shields; (3) 64° at Valencia, 62° at Malin Hd.
Lowest 45° at Bodö, 50° at Hernösand, 53° at Stornoway Hd., 54° at Fano.
It touched 72° at Parsonstown yesterday, 70° at Donaghadee and in London; 71° at Paris, 78° at Perpignan, 84° at Rochefort, but only 64° at Berlin.

WIND

(1) Very light and anticyclonic over France and England.
(2) S.ˢʳ brisk over Ireland, SW.ˢʳ & W.ˡʸ in Scotland.
(3) NW.ˡʸ brisk over Lapland and Sweden.

WEATHER

Slightly rainy in the N. of Scotland, very fine generally elsewhere.
A little rain fell at the N.ᵀʰ stations yesterday and in Germany.
Bright Sunshine recorded yesterday was very considerable (15 hrs.) at Scilly, 11 hrs. at Parsonstown, only 0.3 hr. in London.

SEA

Smooth except in the far west.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is evidently a low-pressure area off our extreme NW. coasts moving NE.ʷᵃʳᵈˢ, but not spreading much to the E.ᵀʰ. Fine warm weather is probable in most places, and there seems every reason to consider it will last in England for some days.

FORECASTS

For the 24 hours ending at NOON on JULY 11TH 1900

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Southwesterly winds, moderate; a few showers.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	Southwesterly and variable winds, light; fair generally.	7 ENGLAND N.W.	Southerly winds, light; fair as a whole.
2 ENGLAND N.E.		8 ENGLAND S.W.	
3 ENGLAND EAST	Southwesterly airs; fine, warm.	9 IRELAND NORTH	Southerly winds, shifting to Northwest; fair in East; showers in West.
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.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Skudesnaes ...	29·97	55	51	NNW	4	b	2
Sumburgh Head	29·98	51	48	SE	1	o	3
Stornoway... ...	29·94	60	58	W	14	r	4
Aberdeen	30·00	6[illegible]	59	WSW	1	org	1
Shields	30·08	65	62	WSW	2	op	2
Malin Head ...	30·07	59	56	W	4	ogm	3
Blacksod.Pt.. ...	30·11	61	5[illegible]	S·W	5	c	5
Holyhead	30·20	63	68	S·W	3	c	2

	BAR.	THER.		WIND.		WEA.	SEA.
		Dry.	Wet.	Direc.	Force.		
Valencia	30·19	63	59	SSE	3	c	4
Scilly	30·29	66	63	SSW	2	bc	0
Jersey	30·33	65	57	W	3	bc	3
Portland Bill ...	30·29	60	58	WNW	2	c	2
Dungeness ...	30·21	62	57	W	4	o	3
London (Westminster)	30·20	71	62	WNW	2	o	*
Yarmouth ...	30·14	64	60	WNW	3	c	3
Rochefort ...	30·26	75	68	SSW	1	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.

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DAILY WEATHER REPORT

for 8 a.m. on Wednesday 11th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.68	42	NW	2	c	29.80	+ .30	45	43	— 1	W	4	r	•	c	•	54	42	0.24
	Hernösand	29.93	53	NW	2	b	30.02	+ .23	53	45	+ 3	W	2	b	•	b	•	63	46	—
	Stockholm	30.02	55	SSW	2	c	30.10	+ .22	64	54	+ 10	SW	4	bc	•	c	•	64	46	—
	Wisby	30.08	55	SSW	4	b	30.17	+ .27	59	56	+ 5	W	4	b	•	b	•	59	48	—
	Karlstad	29.99	59	SW	4	b	30.06	+ .09	65	57	+ 15	SW	2	o	•	b	•	•	•	—
	Bodo	29.89	46	WNW	3	c	29.91	+ .03	45	42	0	W	6	r	4	c	•	46	39	0.12
	Christiansund ...	29.97	53	NE	2	b	29.97	— .06	51	48	+ 1	ESE	2	r	2	b	•	54	50	0.04
	Skudesnaes ...	30.01	52	SSE	4	o	30.01	+ .03	55	53	+ 3	SSE	4	o	3	o	•	57	50	•
	Færder (X'iania Fjord)	29.96	57	SSE	5	c	30.04	+ .05	58	57	+ 6	SW	4	o	2	c	•	59	52	—
	The Scaw (Skagen)	30.07	57	WSW	1	o	30.12	+ .14	58	57	— 1	WSW	3	o	o	o	•	70	54	—
	Fanö	30.12	56	WSW	2	c	30.15	+ .16	60	57	+ 6	S	1	o	•	c	•	60	50	—
British Islands	Sumburgh Head ...	29.83	55	W	3	r	29.75	— .11	58	?	+ 5	S	1	bc	3	r	•	58	50	?
	Stornoway	29.78	64	SW	5	b	29.71	— .12	57	56	0	WSW	3	o	3	o,b	6.6	64	51	0.01
	Wick	29.83	60	S	3	c	29.76	— .12	62	60	+ 5	SW	3	c	3	c	•	65	50	0.15
	Nairn	29.80	76	W	1	b	29.78	— .11	66	58	+ 6	S	1	b	1	b	•	76	55	—
	Aberdeen	29.85	69	S	3	b	29.85	— .06	66	59	+ 4	S	3	bc	2	bc,b	7.7	73	55	—
	Leith	29.88	71	SW	4	b	29.85	— .12	68	61	+ 1	SSW	4	c	•	b	•	79	56	—
	Shields	29.96	74	SW	3	b	29.90	— .13	67	60	+ 4	SSE	2	bc	2	b	•	77	57	—
	Spurn Head ...	30.00	62	SSE	4	b	? 29.94	— .17	69	62	+ 3	ESE	2	b	1	b	•	77	59	—
	Loughborough ...	30.03	81	SSW	2	b	29.96	— .17	71	61	+ 9	S	3	bcmr	•	bc,b,bc	•	82	54	—
	Malin Head ...	29.73	72	S	5	b	29.82	— .10	59	56	— 3	W	2	b	2	b	•	73	56	—
	Blacksod Pt. ...	29.75	62	SW	3	c	29.84	— .07	59	55	— 2	SSW	3	c	3	b.c	•	71	52	—
	Donaghadee ...	29.89	66	S	4	bq	29.85	— .16	61	59	0	SSW	2	c	2	bq	•	68	56	—
	Liverpool (Bidston)	29.98	74	Z	0	b	? 29.94	— .17	69	62	+ 3	ESE	2	b	1	b	•	77	59	—
	Holyhead	29.97	66	SSW	3	b	29.90	— .18	61	58	+ 2	SW	2	cm	1	b	•	69	56	—
	Parsonstown ...	29.81	70	SW	2	b	29.90	— .13	58	54	— 4	SW	1	o	•	b	13.6	74	54	—
	Valencia	29.80	62	S	4	ogm	29.88	— .08	60	56	— 4	SSE	1	bc	4	bc,ogm	11.3	68	47	—
	Roche's Point ...	29.89	61	SSE	5	c	29.90	— .16	58	55	— 2	N	3	bc	3	c	•	64	54	—
	Pembroke (St. Ann's Hd.)	29.97	64	SSE	3	b	29.90	— .22	60	59	0	SE	3	bcw	3	b	15.0	64	55	—
	Scilly	29.94	64	SSE	5	b	29.85	— .23	61	60	0	SSE	1	m	0	b	15.1	68	57	—
	Jersey (St. Aubin's) ...	30.07	73	E	1	b	29.96	— .24	71	63	+ 6	ESE	3	bc	3	b	•	76	62	—
	Portland Bill ...	30.08	61	ESE	2	b	29.95	— .23	66	62	+ 6	ESE	3	bc	2	b	•	66	55	—
	Dungeness	30.09	63	W	3	b	30.04	— .11	67	62	+ 5	ESE	1	b	2	b	•	67	55	—
	London (Brixton) ...	30.05	79	WSW	2	b	30.02	— .14	73	65	+ 11	SE	2	b	•	b	14.3	83	54	—
	Oxford	30.03	72	S	2	b	29.97	— .18	70	62	+ 9	SE	2	b	•	b	•	82	68	—
	Yarmouth	30.06	65	SSE	3	b	30.06	— .02	63	60	+ 2	S	3	bc	3	b	•	66	57	—
Germany.	Cuxhaven	30.09	59	N	1	bc	30.17	+ .15	63	59	+ 6	S	2	b	•	bc	•	63	54	—
	Berlin	30.13	61	NW	3	b	30.23	+ .24	60	53	+ 5	SE	2	b	•	b	•	70	52	—
	Frankfürt	30.16	60	Z	0	o	30.17	+ .09	63	58	+ 6	ESE	2	c	•	o	•	64	57	0.04
	Munich	30.19	53	W	5	r	30.23	+ .06	52	52	+ 3	SE	3	bc	•	r.	•	54	48	0.47
France & Netherlands	The Helder ...																•			
	Brussels	"	"	"	"	"									•		•			
	C. Gris Nez ...	30.10	64	SW	1	b	30.01	— .12	68	61	+ 8	S	1	bc	1	b	•	68	57	—
	Paris	30.12	77	E	1	b	30.06	— .17	69	62	+ 9	SE	2	b	•	b	•	79	56	—
	Brest	29.95	69	SSE	1	bc	29.86	— .28	66	62	+ 7	SE	2	b	1	bc	•	75	59	—
	Lorient	30.01	78	SE	2	b	29.90	— .25	69	?	+ 7	ESE	4	b	1	b	•	82	57	—
	Rochefort	29.98	86	ESE	1	b	29.88	— .26	68	64	+ 4	ESE	3	b	•	b	•	97	63	—
	Belfort	30.12	67	W	1	c	30.06	— .20	61	58	+ 8	ENE	4	m	•	c	•	72	53	—
	Lyons	30.23	72	NE	1	b	30.01		65	59		N	1	b	•	b	•	76	60	—
	Nice	30.04	69	WSW	2	bc	29.97	— .15	65	58	+ 1	E	1	b	o	bc	•	75	57	—
	Perpignan	30.02	77	S	1	b	29.97	— .22	66	63	— 2	NE	2	b	•	b	•	80	54	—
	Biarritz	29.89	85	E	3	b	29.82	— .21	70	67	+ 6	W	1	b	o	b	•	86	64	—
Span. Pen.	Corunna																•			
	Lisbon	29.99	72	WNW	4	b	29.97	— .03	70	66	— 4	WSW	3	o	•	b	•	84	66	—
	Azores (P. Delgada)	30.19	68	NNE	2	bc	30.10	— .01	70	69	0	W	4	o	4	bc	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 14·9 hrs.

WEATHER CHARTS

FOR *Wednesday, 11th July, 1900.*

BAROMETER, WIND AND SEA.

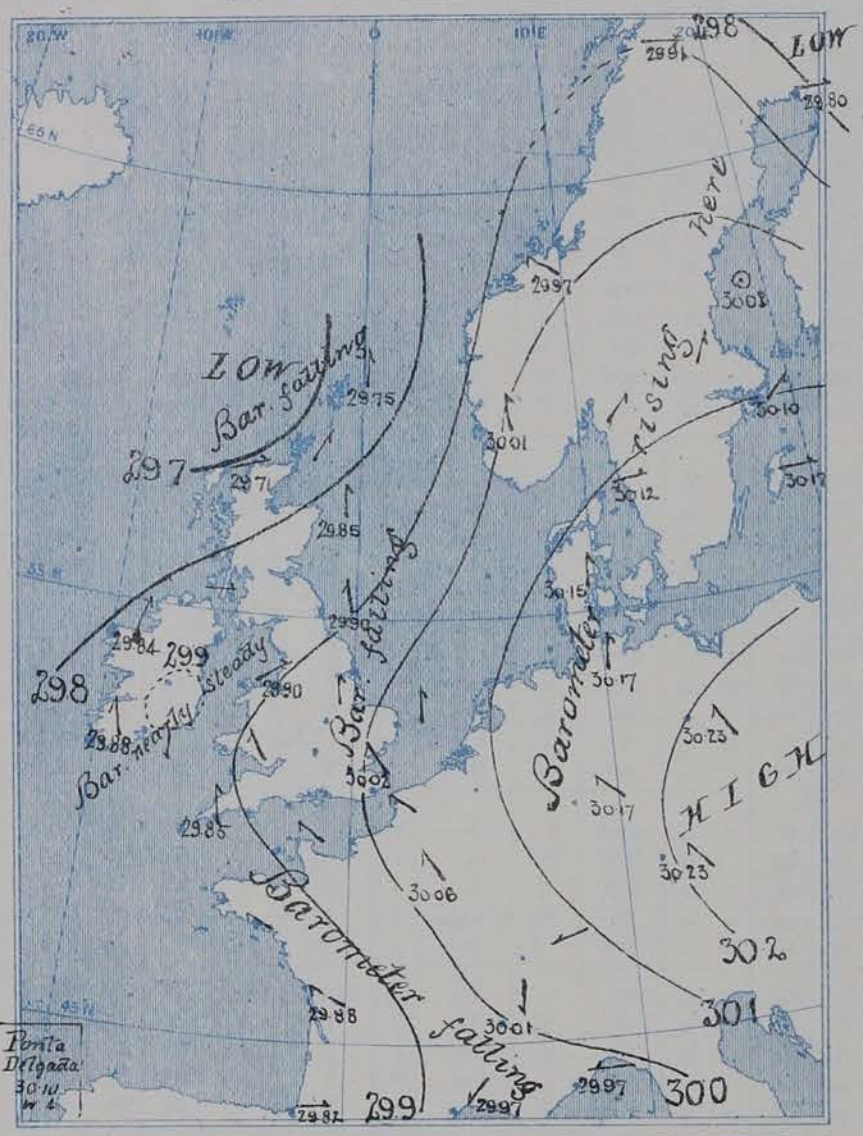
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins: and more over Germany and exceeding 30.0 ins: over all the countries lying to the eastward of the North Sea, as well as the eastern counties of England.
Lowest 29.7 ins: and less off the northwest of Scotland, 29.9 ins: and less over the Bay of Biscay.
Gradients were slight
Barometer was still falling slightly at the eastern of the British stations, but the fall at Valencia had ceased. Over Germany and Scandinavia the barometer was rising.

TEMPERATURE

Highest (1) 75° in London, 71° at Loughborough, 70° at Oxford, (2) 71° at Jersey, 70° at Blacrik, 69° at Paris.
Lowest (1) 46° at Bodö, 51° at Christiansund, 57° at Stornoway, (2) 52° at Munich 60° at Berlin.
The maximum readings recorded over Central England yesterday were 82° to 83°, that at Berlin was 70°, at Paris 79°, at Rochefort 94°; but that at Munich was only 54°.

WIND

Southeasterly light to moderate over Germany, France and the southern parts of our Islands, Southerly to Southwesterly in the north and northwest; Westerly strong at Bodö.

WEATHER

Slight rain was reported in the extreme north of Scotland and at Munich. In all other parts of our Islands, France and Germany it is unusually clear and bright – excepting Valencia.
Bright Sunshine recorded yesterday varied from 15 to 12 hours, except in Scotland, where it was only 7 or 8 hours.

SEA

Moderate off the extreme west of Ireland, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is at present no indication whatever of any break in the weather over our Islands, which is likely to continue fine, bright, and very warm – especially Ireland.

FORECASTS

For the 24 hours ending at NOON on JULY 12TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southwesterly winds, moderate or light; a few showers.
1	SCOTLAND EAST	Southwesterly and Southerly winds, light; fine.
2	ENGLAND N.E.	
3	ENGLAND EAST	Southeasterly and Southerly winds, moderate to light; fine, very warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No: 0.
7	ENGLAND N.W.	Southeasterly and variable winds; fine, warm.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·02	57	54	SW	2	o	1
Sumburgh Head	29·82	54	54	SW	2	r	3
Stornoway... ...	29·82	59	57	SW	6	o	6
Aberdeen	29·87	63	60	E	1	bc	1
Shields	29·99	76	63	W	1	b	2
Malin Head ...	29·83	73	67	S	4	b	2
Blacksod Pt. ...	29·81	71	57	SSW	4	b	4
Holyhead	30·05	68	60	SW	3	b	2
Valencia	29·83	66	60	SSE	5	bcm	5
Scilly	29·99	67	64	SE	5	b	2
Jersey	30·14	70	60	ESE	2	b	2
Portland Bill ...	30·14	64	60	SSE	1	b	1
Dungeness ...	30·11	65	59	W	4	b	2
London (Westminster)	30·09	82	65	WNW	2	b	*
Yarmouth ...	30·08	65	60	SE	3	b	3
Rochefort ...	30·06	92	77	ESE	1	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.

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DAILY WEATHER REPORT

for 8 a.m. on Thursday 12th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. 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	49	W	2	o	29.88	+ .08	50	46	+ 5	2	o	c	•	o	•	52	41	0.16
	Hernösand	29.99	54	S	6	o	29.98	— .04	62	56	+ 9	2	o	b	•	o	•	62	39	—
	Stockholm	30.08	60	SW	2	b	30.03	— .07	68	63	+ 4	SW	4	b	•	b	•	72	50	—
	Wisby	30.12	63	SSW	4	c	30.08	— .09	63	58	+ 4	SW	4	b	•	c	•	68	50	—
	Karlstad	30.07	62	SSW	2	b	30.06	.00	59	57	— 6	SSW	2	c	•	b	•	•	•	—
	Bodö	29.98	44	W	5	o	29.99	+ .08	44	42	— 1	W	6	o	3	o	•	48	41	0.04
	Christiansund ...	29.91	50	ESE	1	c	29.99	+ .02	57	52	+ 6	WNW	2	b	2	c	•	59	50	0.05
	Skudesnaes ...	30.02	55	S	6	mc	30.04	+ .03	57	55	+ 2	S	4	b	3	mc	•	59	50	•
	Færder (X'iania Fjord)	30.04	59	SW	4	m	30.06	+ .02	60	58	+ 2	S	2	mc	2	m	•	60	55	—
	The Scaw (Skagen)	30.12	60	WSW	1	f	30.10	— .02	56	56	— 2	SW	1	f	0	f	•	70	55	—
	Fanö	30.13	58	Z	0	b	30.06	— .09	64	61	+ 4	E	3	b	•	b	•	68	57	—
British Islands	Sumburgh Head ...	29.84	59	W	2	b	29.78	+ .03	55	55	— 3	NE	3	o	3	bc.b	•	65	52	0.02
	Stornoway	29.82	62	WSW	2	c	29.75	+ .04	56	54	— 1	S	2	r	2	c	9.3	64	51	0.01
	Wick	29.83	65	W	2	bc	29.76	.00	61	58	— 1	SE	2	c	1	bc	•	70	53	—
	Nairn	29.80	65	E	3	c	29.75	— .03	57	56	— 9	SW	3	r	1	c	•	75	54	0.07
	Aberdeen	29.85	61	SE	2	c	29.76	— .09	59	57	— 7	E	2	c	2	bq,c,fb	10.1	69	53	0.02
	Leith	29.88	57	N	1	c	29.75	— .10	65	61	— 3	W	1	o	•	c	•	74	57	0.02
	Shields	29.80	69	S	1	cmc	29.78	— .12	64	61	— 3	Z	0	mc	2	bc.mc.cmc	•	75	57	—
	Spurn Head ...	29.87	65	SE	5	bc	29.82	— .15	61	58	— 1	SE	4	b	3	bc	•	70	57	—
	Loughborough ...	29.85	86	SE	4	bc	29.78	— .18	71	65	0	ESE	1	bcmw	•	bc.cmc	•	87	59	—
	Malin Head ...	29.81	60	E	2	bc	29.75	— .07	57	55	— 2	S	2	c	1	bc.r	•	64	55	0.04
	Blacksod Pt. ...	29.83	61	SSW	4	c	29.78	— .06	58	55	— 1	SW	2	bc	2	c	•	62	53	0.07
	Donaghadee ...	29.83	61	S	1	o	29.80	— .05	56	55	— 5	SE	1	f	1	o.bzr	•	64	53	0.31
	Liverpool (Bidston)	29.80	65	NW	1	b	29.75	— .10	64	62	— 5	WSW	1	c	?	bmc	•	80	58	—
	Holyhead	29.84	60	NW	1	cmc	29.79	— .11	56	55	— 5	NW	2	r	1	o.cmc.z	•	68	55	0.10
	Parsonstown ...	29.81	66	SE	1	o	29.82	— .08	60	55	+ 2	S	1	c	•	c.o	5.6	69	54	0.01
	Valencia	29.84	59	SW	1	o	29.83	— .05	60	51	0	E	1	c	4	c.o	7.5	65	49	—
	Roche's Point ...	29.85	59	S	2	r	29.83	— .07	59	56	+ 1	N	1	b	2	r	•	(61)	55	0.10
	Pembroke (St. Ann's Hd.)	29.80	68	NE	1	bc	29.77	— .13	57	51	— 4	N	2	c	2	bc	8.5	68	56	—
	Scilly	29.78	63	NE	2	o	29.75	— .10	61	59	0	NNW	4	o	1	cf.o	2.5	63	58	0.04
	Jersey (St. Aubin's) ...	29.80	78	Z	0	bc	29.70	— .26	76	66	+ 5	Z	0	bc	0	bc	•	83	66	—
	Portland Bill ...	29.84	65	E	4	bmc	29.74	— .24	64	62	— 2	E	4	cmc	3	bc.bmc	•	68	59	—
	Dungeness	29.89	67	E	3	b	29.78	— .26	64	60	— 3	ESE	1	b	2	b	•	75	59	—
	London (Brixton) ...	29.88	81	ESE	2	bc	29.78	— .24	70	65	— 3	E	2	b	•	bc.cmc.bc	14.0	86	60	—
	Oxford	29.85	75	SE	1	b	29.74	— .23	75	67	+ 5	SE	1	bc	•	b	•	84	61	—
	Yarmouth	29.94	69	SE	2	b	29.84	— .22	62	58	— 1	SE	4	b	4	b	•	67	55	—
France & Netherlands. Germany.	Cuxhaven	30.08	68	E	3	b	30.05	— .12	62	57	— 1	SE	2	b	•	b	•	70	55	—
	Berlin	30.12	66	NE	2	b	30.07	— .16	62	53	+ 2	ESE	3	b	•	b	•	73	54	—
	Frankfürt	30.02	60	E	2	b	29.96	— .21	64	55	+ 1	ESE	2	b	•	b	•	73	54	—
	Munich	30.08	55	SE	4	b	29.98	— .25	58	58	+ 6	E	5	b	•	b	•	64	45	—
	The Helder ...	29.98	71	E	1	b	29.91		64	60		ESE	1	b	1	b	•	75	61	—
	Brussels	•	•	•	•	•	?	?	64	56		S	3	b	•	b	•	80	53	—
	C. Gris Nez ...	29.92	77	SE	1	bc	29.78	— .23	64	58	— 4	SE	2	b	1	bc	•	86	57	—
	Paris	29.87	78	E	2	b	29.76	— .30	66	58	— 3	ESE	2	b	•	b	•	84	57	—
	Brest	29.74	67	NNW	1	bc	29.71	— .15	61	59	— 5	N	1	c	1	bc	•	68	59	—
Span. Pen.	Lorient	29.75	71	NW	2	c	29.69	— .21	65	63	— 2	N	2	c	2	c	•	90	63	—
	Rochefort	29.73	77	NW	3	bc	29.73	— .15	68	66	0	SSW	3	o	•	b.bc	•	102	64	—
	Belfort	29.88	69	NE	6	b	29.83	— .23	59	52	— 2	ENE	4	c	•	b	•	73	?	—
	Lyons	29.83	77	E	1	b	29.80	— .21	67	57	+ 2	SE	1	b	•	b	•	81	58	—
	Nice	29.91	68	SW	1	b	29.89	— .08	65	60	0	Z	0	b	0	b	•	77	55	—
	Perpignan	29.82	70	SE	2	o	29.82	— .13	65	62	— 1	N	1	o	•	o	•	81	63	—
	Biarritz	29.73	79	ESE	1	f	29.78	— .04	69	64	— 1	W	5	o	3	fb	•	81	68	—
	Corunna																•			
	Lisbon	29.98	69	NSW	3	bc	29.98	— .04	68	60	— 2	WSW	3	o	•	bc	•	73	64	—
	Azores (P. Delgada)	30.17	69	NNW	3	c	30.16	+ .06	70	66	0	NNW	3	o	3	c	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 14·5 hrs.

WEATHER CHARTS

FOR Thursday, 12th July, 1900.

BAROMETER, WIND AND SEA.

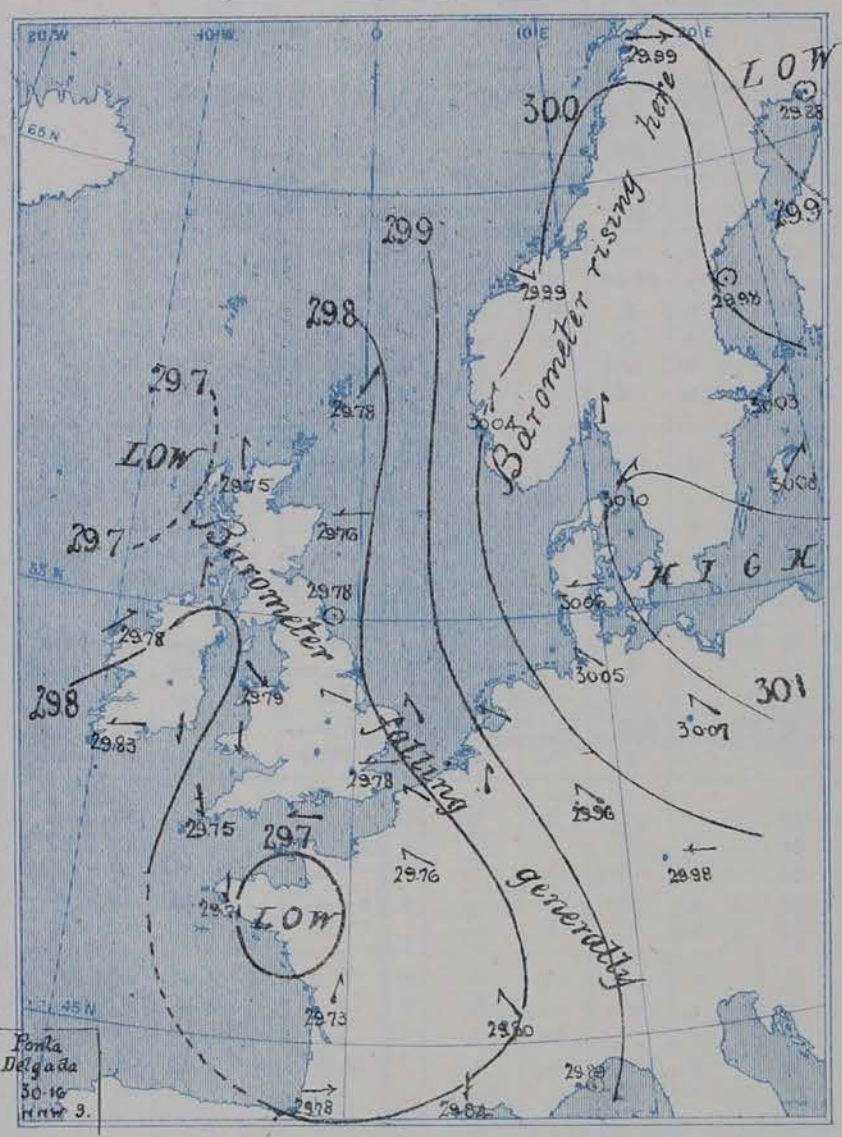
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

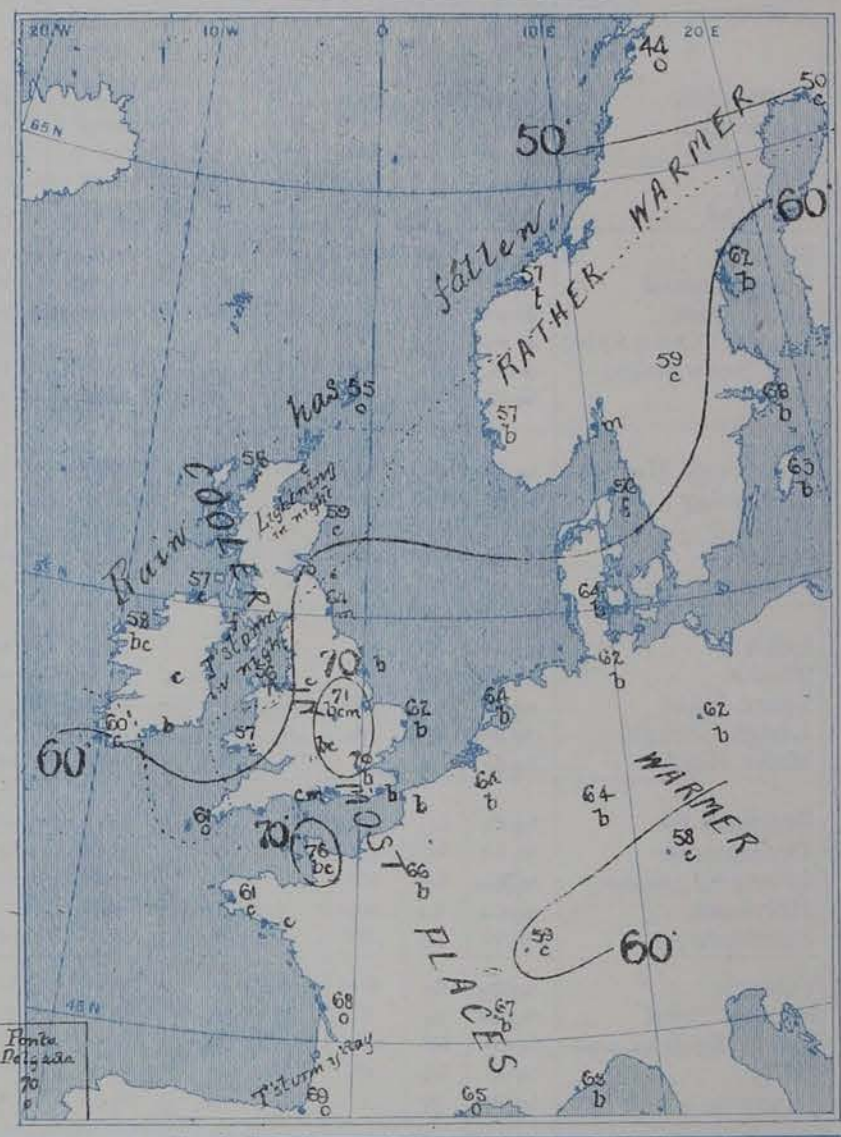


TEMPERATURE AND WEATHER.

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 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.	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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.1 ins: to 30.0 ins: over Germany, Denmark and the greater part of Scandinavia; (2) 29.8 ins: over the southern half of Ireland.
Lowest 29.7 ins and less (1) in the northwest of France, (2) in a disturbance off the west of Scotland.
Gradients were slight; distribution was complex.
Barometer was falling except in the west of Norway, most over France.

TEMPERATURE

Highest 76° at Jersey, 75° at Oxford, 71° at Loughborough; 69° at Biarritz, 66° at Paris; 68° at Stockholm.
Lowest 41° at Bodö, 50° at Kafaranda, 55° at Lumburgh Head 56° at Donaghadee and the Skaw.
The maximum readings recorded yesterday were 80° to 84° over various parts of Central England; 80° at Brussels, 84° at Paris, 81° at Zyors and 102° at Rochefort.

WIND

Exceedingly variable in direction over our Islands but chiefly Easterly in the south, Southeasterly in the east. In Germany it was Easterly, in Denmark Southeasterly and over Scandinavia Southerly. Its force was moderate at the eastern stations, light elsewhere.

WEATHER

Fair over the Continent, the eastern half of England and south of Ireland unsettled over the northern parts of the Kingdom and in Norway, with rain in places, thunder at Christiansund. Slight rain has fallen at several of our northern and western stations, halos have been seen in several places, thunder has occurred in the northwest. Bright sunshine recorded yesterday varied from 10 to 14 hours in many parts of Great Britain, but was considerably less in Ireland.

SEA

Moderate both at Valencia and Yarmouth, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is less settled than for some days past, and local disturbances are probable in many districts, with thunderstorms in places.

FORECASTS

For the 24 hours ending at NOON on JULY 13TH, 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southwesterly and variable winds, light; cloudy, changeable, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No: 5.
4	MIDLAND COUNTIES	Same as Nos: 0 to 2.
5	ENGLAND SOUTH	Easterly winds, moderate, fine, warm, at first, thunderstorms in places.
6	SCOTLAND WEST	Same as Nos: 0 to 2.
7	ENGLAND N.W.	Southwesterly breezes; changeable weather, close; showers at times. Thunder in places.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·12	59	56	S	4	m	4
Sumburgh Head	29·81	62	58	S	1	bc	3
Stornoway... ...	29·81	64	57	SSW	4	c	4
Aberdeen	29·85	67	59	SSE	4	bcq	3
Shields	29·84	65	60	NE	2	bcm	2
Malin Head ...	29·82	63	59	E	2	bc	1
Blacksod.Pt. ...	29·83	61	56	SSW	4	c	4
Holyhead	29·88	61	58	NW	1	c	1
Valencia	29·86	61	?55	SSW	1	c	4
Scilly	29·81	63	60	NNE	3	cp	1
Jersey	29·88	81	68	E	3	bc	3
Portland Bill ...	29·90	66	63	E	4	bc	3
Dungeness ...	29·97	75	65	ENE	2	b	2
London (Westminster)	29·94	82	66	SE	3	b	*
Yarmouth ...	30·00	65	62	SE	3	b	2
Rochefort ...	29·78	99	81	ENE	2	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* Metecrological Office.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday 13th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	29.97	47	NW	2	b	30.10	+ .32	54	47	+ 4	SW	2	b	0	b	0	55	43	—
	Hernösand	30.01	56	Z	0	b	30.14	+ .16	58	51	— 4	E	2	b	0	b	0	68	52	—
	Stockholm	29.98	71	W	2	b	30.04	+ .01	74	68	+ 6	Z	0	b	0	b	0	79	54	—
	Wisby	30.02	64	WSW	4	b	30.04	— .04	64	60	+ 1	W	4	b	0	b	0	68	52	—
	Karlstad	30.00	67	S	2	b	30.04	— .02	65	62	+ 6	ESE	2	b	0	b	0	0	0	—
	Bodö	30.11	48	W	2	c	30.10	+ .11	52	46	+ 8	ENE	2	b	1	c	0	52	44	—
	Christiansund ...	29.99	60	ENE	2	bc	29.93	— .06	62	58	+ 5	WSW	3	b	2	bc	0	63	54	0.32
	Skudesnaes ...	30.02	61	SSW	2	b	29.92	— .12	63	58	+ 6	SSE	4	b	3	b	0	64	55	0
	Færder (X'tiania Fjord)	30.02	60	SSE	2	mv	30.04	— .02	60	58	0	NNE	1	f	1	mv	0	61	57	—
	The Scaw (Skagen)	30.03	66	S	1	bc	30.01	— .09	64	61	+ 8	E	1	b	0	bc	0	75	55	—
	Fanö	29.97	62	ESE	4	b	29.95	— .11	65	62	+ 1	SE	4	b	0	b	0	75	59	—
British Islands	Sumburgh Head ...	29.75	55	S	1	o	29.73	— .05	53	53	— 2	ESE	1	r	3	o	0	59	52	0.09
	Stornoway	29.74	60	SSE	4	o	29.75	.00	57	54	+ 1	SW	2	o	0	o	2.3	60	51	—
	Wick	29.78	58	SE	1	o	29.76	.00	56	54	— 5	SE	2	c	1	r, o	0	62	50	0.50
	Nairn	29.75	51	W	1	f	29.76	+ .01	56	55	— 1	Z	0	o	1	r	0	60	52	0.36
	Aberdeen	29.74	59	S	2	drg	29.77	+ .01	59	57	0	ENE	1	c	1	dr, fbr, rg	4.5	65	54	0.56
	Leith	29.78	64	W	1	o	29.77	+ .02	62	58	— 3	W	2	o	0	r, o	0	72	53	0.07
	Shields	29.72	60	SSE	3	o	29.79	+ .01	62	59	— 2	W	1	bc	2	bc, o, r	0	72	58	0.01
	Spurn Head ...	29.73	63	ESE	5	b	29.81	— .01	61	60	0	WNW	1	bc	1	b	0	65	58	—
	Loughborough ...	29.76	67	W	5	o	29.83	+ .05	63	59	— 3	W	1	bcmw	0	bc, bp, c	0	85	56	0.02
	Malin Head ...	29.76	63	NW	1	b	29.72	— .03	56	54	— 1	S	2	c	2	b	0	63	54	—
	Blacksod Pt. ...	29.80	58	WSW	2	bc	29.68	— .10	57	54	— 1	SSE	3	cp	3	bc	0	61	54	0.02
	Donaghadee ...	29.78	61	SE	2	bc	29.77	— .03	56	55	0	S	1	c	2	bc	0	60	50	0.07
	Liverpool (Bidston)	29.77	58	W	1	p	29.83	+ .08	63	57	— 1	Z	0	b	1	c, p	0	65	54	0.08
	Holyhead	29.79	58	Z	0	cp	29.81	+ .02	61	58	+ 5	S	2	bmw	1	cp, cp	0	61	53	0.02
	Parsonstown ...	29.84	66	NW	1	c	29.75	— .07	62	57	+ 2	SE	1	o	0	c	9.2	68	53	—
	Valencia	29.81	62	WSW	1	cN	29.61	— .22	59	58	— 1	SE	5	rmw	5	bcv, cv	7.1	64	55	0.30
	Roche's Point ...	29.83	62	SW	3	bc	29.75	— .08	60	58	+ 1	SW	5	o	4	b, bc	0	66	57	—
	Pembroke (St. Ann's Hd.)	29.79	60	NW	2	bc	29.83	+ .06	60	59	+ 3	SW	1	bc	2	bc	7.5	65	56	—
	Scilly	29.83	62	NW	3	bc	29.83	+ .08	64	60	+ 3	S	3	bc	1	bc	9.4	65	59	—
	Jersey (St-Aubin's) ...	29.74	68	W	4	ogmw	29.91	+ .21	62	58	— 14	WNW	4	bcmw	3	b, ogmw	0	77	59	—
	Portland Bill ...	29.75	65	WNW	1	bmw	29.87	+ .13	60	58	— 4	WNW	1	bmw	2	b, bmw	0	68	56	—
	Dungeness	29.71	67	ENE	3	bc	29.83	+ .05	65	61	+ 1	W	2	b	1	b, bc	0	70	55	—
	London (Brixton) ...	29.71	75	E	3	b	29.83	+ .05	66	62	— 4	NW	1	bc	0	b, bmw	11.0	80	58	—
	Oxford	29.75	65	N	1	c	29.84	+ .10	65	62	— 10	N	1	cmw	0	b, c, blr	0	82	58	0.02
	Yarmouth	29.74	67	ESE	1	b	29.81	— .03	63	60	+ 1	WNW	1	bmw	2	b	0	68	55	—
Germany	Cuxhaven	29.89	68	E	3	b	29.89	— .16	66	60	+ 4	SSE	3	b	0	b	0	70	57	—
	Berlin	29.93	70	NE	2	b	29.97	— .10	65	58	+ 3	E	2	b	0	b	0	77	57	—
	Frankfürt	29.84	66	E	2	b	29.89	— .07	67	59	+ 3	E	2	b	0	b	0	81	55	—
	Munich	29.92	62	E	2	b	29.97	— .01	62	59	+ 4	Z	0	b	0	b	0	72	48	—
France & Netherlands	The Helder ...	29.76	73	ESE	1	b	29.80	— .11	71	66	+ 7	SE	1	b	0	b	0	77	63	—
	Brussels	*	*	*	*	*	29.84	?	73	66	+ 9	SE	2	b	0	b	0	80	61	—
	C. Gris Nez ...	29.70	68	E	1	b	29.79	+ .01	63	62	— 1	SW	1	m	0	b	0	73	59	—
	Paris	29.71	82	SE	1	bc	29.88	+ .12	70	65	+ 4	SSW	1	b	0	bc	0	86	61	—
	Brest	29.84	59	NNW	2	o	29.96	+ .25	59	58	— 2	NNW	1	b	1	o	0	70	57	—
	Lorient	29.79	68	NW	4	bc	29.96	+ .27	60	57	— 5	NW	2	c	2	bc	0	79	57	—
	Rochefort	29.78	70	SSW	1	o	29.92	+ .19	65	63	— 3	WSW	4	o	0	c, o	0	77	63	—
	Belfort	29.73	77	WSW	3	c	? 29.88	+ .05	66	61	+ 7	WSW	2	m	0	c	0	79	59	—
	Lyons	29.82	70	S	1	o	29.92	+ .12	65	61	— 2	N	1	c	0	o	0	78	60	—
	Nice	29.88	66	Z	0	c	29.89	.00	64	58	— 1	E	1	c	1	c	0	73	59	—
	Perpignan	29.88	66	NE	1	r	29.94	+ .10	68	59	+ 3	NW	3	o	0	r	0	72	62	0.08
	Biarritz	29.88	69	E	4	c	29.98	+ .20	66	61	— 3	SW	4	c	2	c	0	72	63	—
Span. Pen.	Corunna																0			
	Lisbon	30.02	68	NNW	3	bc	30.04	+ .11	69	62	+ 1	NNE	3	b	0	bc	0	79	63	-
	Azores (P. Delgada)																0			

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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 6·2 hrs.

WEATHER CHARTS

FOR Friday, 13th July, 1900.

BAROMETER, WIND AND SEA.

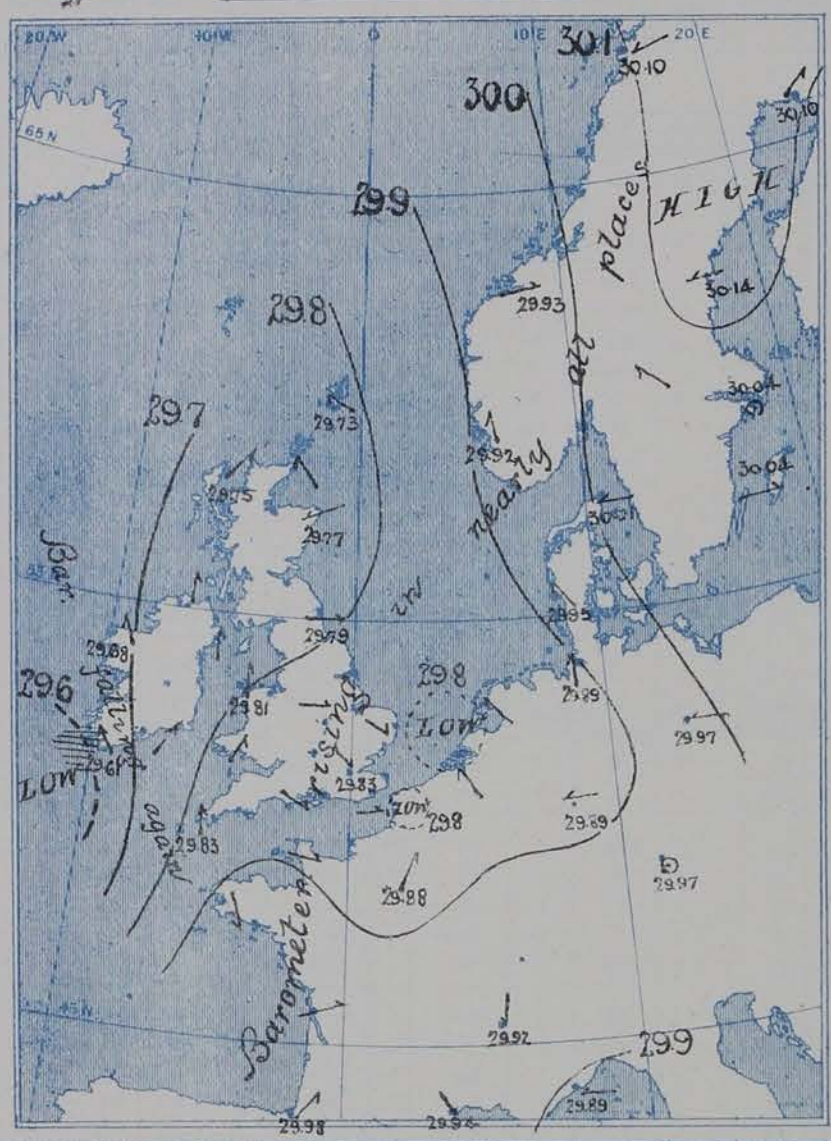
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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	29·834	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.1 ins: and more to 30.0 ins: over Lapland, Sweden and the Baltic; (2) 30.0 ins: over Spain.
Lowest 29.7 ins: and less off the west of Ireland, and below 29.8 inches in an exceedingly shallow disturbance between Holland and the east of England.
Gradients had increased considerably in the west, but were slight and irregular elsewhere.
Barometer was falling rather decidedly in the west of Ireland.

TEMPERATURE

Highest (1) 74° at Stockholm, (2) 73° at Brussels, 70° at Paris, 66° in London and at Cuxhaven, 63° at Loughborough, 62° at Leith.
Lowest (1) 56° or 57° on the northern coasts of Scotland and Ireland, 59° at Valencia; (2) 52° at Bodø; 54° at Haparanda.
The maxima recorded yesterday were 85° to 86° over the inland parts of England, 68° at Parsonstown and Yarmouth, 81° at Frankfurt, 86° at Paris, 79° at Belfort, 73° at Nice.

WIND

(1) Easterly and southeasterly to the eastward of the North Sea, Northwesterly over England and very light.
(2) Southeasterly and southerly at our most western stations and veering to Northern.
(3) Light and variable over France.

WEATHER

Had become cloudy and unsettled over Ireland and Scotland, with rain in places.
In the east and south of England it was still very fine and warm.
During some part of yesterday thunderstorms occurred in many parts of Scotland and the north of England; in the north of Scotland the rainfall was large.
Bright sunshine was very considerable (12 to 15 hours) on our southeast coasts.

SEA

Smooth or slight, except off the west of Ireland, where it was rough.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The appearance now is not nearly so fair as of late. In the east and south of England, indeed, the sky is perfectly quiet and almost cloudless, but the disturbance in the west is likely to spread eastwards by tomorrow morning.

FORECASTS

For the 24 hours ending at NOON on JULY 14TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southeasterly and Southerly winds, moderate; showery, possibly some thunder.
1	SCOTLAND EAST	Variable airs; fine warm; then Southerly breezes and less fair.
2	ENGLAND N.E.	
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Southerly (Southwest to Southeast) breezes, moderate; cloudy; becoming showery, possibly thunder locally.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...							
Sumburgh Head	29.75	57	56	S	3	o	3
Stornoway... ...	29.75	60	56	SSE	2	o	2
Aberdeen	29.74	62	58	SSE	5	cq	3
Shields	29.73	69	60	SE	4	bc	2
Malin Head ...	29.76	61	59	NW	2	b	1
Blacksod.Pt.. ...	29.79	61	55	SW	3	bc	2
Holyhead	29.80	58	56	NW	1	op	1
Valencia	29.83	62	58	WSW	3	bcv	4
Scilly	29.78	63	60	NNW	4	bc	1
Jersey	29.71	73	65	SSE	2	b	2
Portland Bill ...	29.73	65	62	E	4	b	3
Dungeness ...	29.73	69	61	ENE	3	b	2
London (Westminster)	29.73	75	62	E	3	b	*
Yarmouth ...	29.77	65	61	ESE	3	b	3
Rochefort ...	29.75	75	70	SSW	3	c	*

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

Weather in morning fine generally over Sweden, the Baltic, North Germany, and the greater part of France and England; dull and raing (1) over Hungary and the southwest of Russia, and (2) over the northern parts of our Islands; thunder at Christiansund. Thunder and lightning later over many parts of Scotland and the north of England, and considerable rain in the north and east of Scotland.

Temperature changing fitfully – fallen decidedly in Scotland: morning readings highest 70° and more at several of the stations over the Baltic and Southeastern Europe, and locally, over the central parts of England. Lowest, below 60° in the northwest and north of our Islands and Central Europe, except at Bodö, 50° to 51° in other parts of northern Europe, distribution very irregular. Rising later to between 85° and 90° over the inland parts of England, to 81° at Frankfort, to 86° at Paris – not nearly so high over Southern Europe.

Wind extremely variable both in force and direction; very slight and variable (1) over Scandinavia and the Baltic; (2) over the Mediterranean. Cyclonic but not strong (1) over France, England and Scotland; (2) over Austria Hungary, the Balkan Peninsula, the Adriatic and Black Sea.

Barometer. Highest 30.1 inches and more to 30.0 inches in a complex anticyclone (having three maxima) and covering the whole of Scandinavia and the Baltic, and exceeding 29.9 ins: over South Germany, the Mediterranean and south of Scandinavia. Lowest 29.7 inches and less (1) in an elongated depression over Hungary and the south of Russia; (2) in a well formed local disturbance over the northwest of France, and (3) in a new disturbance approaching Scotland from the westward. Both the latter appear moving slowly to the eastward later and thunderstorms occurring over the northern half of great Britain.

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 Saturday 14th July, 1900.

Issued by the Meteorological Office, 68, Victoria Street, London. W. N. SHAW, 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	30·13	52	W	2	c	30·10	·00	56	48	+ 2	SSW	2	bc	°	c	°	61	39	—
	Hernösand	30·12	53	2	0	b	30·06	— ·08	57	52	— 1	SE	2	b	°	b	°	66	49	—
	Stockholm	30·06	65	E	2	b	30·08	+ ·04	72	66	— 2	SE	2	b	°	b	°	79	61	—
	Wisby	30·08	66	W	4	b	30·11	+ ·07	69	63	+ 5	W	4	b	°	b	°	70	55	—
	Karlstad	29·99	71	S	2	b	30·04	·00	66	61	+ 1	SW	2	b	°	b	°	°	°	—
	Bodö	29·98	59	ENE	2	b	29·89	— ·21	62	54	+ 10	ESE	2	c	1	b	°	62	46	—
	Christiansund ...	29·93	65	E	1	bc	29·92	— ·01	59	56	— 3	W	2	o	1	bc	°	70	59	—
	Skudesnaes ...	29·96	62	S	4	m	29·89	— ·03	62	59	— 1	SW	2	c	2	m	°	64	57	°
	Færder (X'iania Fjord)	29·99	66	S	1	b	30·01	— ·03	64	62	+ 4	S	2	b	1	b	°	66	59	—
	The Scaw (Skagen)	29·99	68	S	3	b	30·01	·00	66	64	+ 2	SSE	3	b	0	b	°	75	63	—
	Fanö	29·93	69	ESE	4	b	29·95	·00	68	64	+ 3	S	4	b	°	b	°	79	63	—
British Islands.	Sumburgh Head ...	29·76	53	W	2	o	29·76	+ ·03	53	53	°	ESE	2	o	4	o	°	58	49	0·09
	Stornoway	29·73	60	S	2	o	29·67	— ·08	56	52	— 1	SSE	2	o	2	c, o	6·4	60	52	0·03
	Wick	29·78	55	S	3	o	29·71	— ·05	58	56	+ 2	S	3	bc	2	o	°	62	53	0·03
	Nairn	29·74	65	W	1	c	29·69	— ·07	64	59	+ 8	2	0	c	1	c	°	69	53	0·02
	Aberdeen	29·80	58	SSE	3	c	29·75	— ·02	64	59	+ 5	S	3	bc	2	bc, c	7·8	65	54	—
	Leith	29·77	60	NNE	1	o	29·74	— ·03	63	58	+ 1	NNE	1	o	°	o	°	68	56	—
	Shields	29·81	60	E	2	o	29·79	·00	60	59	— 2	SSW	1	c	2	bm, o, r	°	65	55	0·06
	Spurn Head ...	29·83	66	SE	3	bc	29·88	+ ·07	66	62	+ 5	SSW	4	bc	2	bc	°	71	58	—
	Loughborough ...	29·82	74	SW	2	c	29·89	+ ·06	65	61	+ 2	SW	2	bcr	°	bc, c, ap	°	80	58	0·01
	Malin Head ...	29·63	58	SSE	4	c	29·69	— ·03	60	60	+ 4	SW	1	o2f	1	c, ap	°	65	56	0·05
	Blacksod Pt. ...	29·57	60	SSW	4	op	29·78	+ ·10	57	55	o	NW	4	op	3	rm, op	°	61	54	0·13
	Donaghadee ...	29·76	59	SSW	4	op	29·73	— ·04	59	58	+ 3	SSW	2	o	2	op, f	°	62	54	0·05
	Liverpool (Bidston)	29·82	60	NW	1	o	29·82	— ·01	62	59	— 1	S	1	bc	?	op	°	71	57	0·03
	Holyhead	29·81	60	SSW	2	c	29·79	— ·02	57	56	— 4	SW	3	om	2	cmp, c	°	63	55	0·07
	Parsonstown ...	29·65	61	SE	1	o	29·77	+ ·02	59	57	— 3	SW	2	o	°	or	2·5	62	57	0·19
	Valencia	29·62	62	S	2	o	29·88	+ ·27	59	57	o	W	3	o	4	o	0·0	65	56	0·38
	Roche's Point ...	29·68	60	SW	5	r	29·86	+ ·11	60	56	o	NW	3	bc	3	r	°	60	58	0·25
	Pembroke (St. Ann's Hd.)	29·79	58	SSW	6	c	29·86	+ ·03	58	57	— 2	W	5	aqrm	5	c	3·7	62	57	0·10
	Scilly	29·78	61	SSW	4	op	29·91	+ ·08	62	59	— 2	SW	3	b	4	m, op	3·9	65	58	0·17
	Jersey (St. Aubin's) ...	29·95	66	S	2	b	30·03	+ ·12	62	61	o	SW	3	op	3	b	°	73	760	0·09
	Portland Bill ...	29·93	59	WSW	2	b	29·97	+ ·10	59	59	— 1	SW	3	om	3	b, f	°	64	55	0·06
	Dungeness	29·89	65	SW	4	b	30·00	+ ·17	63	61	— 2	S	2	bc	2	b	°	68	58	—
	London (Brixton) ...	29·85	75	WSW	3	b	29·95	+ ·12	65	62	— 1	SW	2	o	°	b, bc	10·0	83	58	—
	Oxford	29·87	67	SW	2	c	29·92	+ ·08	62	61	— 3	S	3	op	°	c, p	°	79	58	0·05
	Yarmouth	29·82	68	S	3	b	29·95	+ ·14	67	62	+ 4	WSW	3	b	3	b	°	70	56	—
Germany.	Cuxhaven	29·89	73	SE	1	b	29·95	+ ·06	66	62	o	S	1	b	°	b	°	79	61	—
	Berlin	29·95	74	E	1	b	30·05	+ ·08	71	65	+ 6	E	4	b	°	b	°	84	63	—
	Frankfürt	29·93	71	E	2	b	30·02	+ ·13	69	65	+ 2	E	2	b	°	b	°	86	61	—
	Munich	29·99	68	E	2	b	30·10	+ ·13	68	63	+ 6	SW	3	b	°	b	°	77	57	—
France & Netherlands.	The Helder ...																°			
	Brussels	°	°	°	°	°	30·05	+ ·21	68	61	— 5	NW	1	b	°	b	°	84	58	—
	C. Gris Nez ...	29·89	62	SW	1	b	29·98	+ ·19	64	59	+ 1	SW	2	bc	1	b	°	70	57	—
	Paris	29·91	77	NNE	2	c	30·06	+ ·18	69	61	— 1	NNW	1	b	°	t, c	°	87	59	—
	Brest	29·94	62	S	3	o	30·02	+ ·06	60	59	+ 1	SSW	2	bc	3	o	°	68	59	—
	Lorient	30·00	66	SW	2	b	30·03	+ ·07	63	63	+ 3	SW	3	r	3	b	°	79	60	0·04
	Rochefort	30·00	73	WNW	3	b	30·06	+ ·14	65	63	o	S	1	b	°	b	°	75	61	—
	Belfort	29·93	71	2	o	m	30·04	+ ·16	66	63	o	WSW	1	m	°	m	°	83	57	—
	Lyons	29·93	75	NW	1	o	30·05	+ ·13	70	63	+ 5	N	1	c	°	o, fbr	°	82	64	0·24
	Nice	29·91	69	SW	1	bc	29·97	+ ·08	71	64	+ 7	2	o	bc	1	bc	°	?	59	0·16
	Perpignan	29·95	80	NW	2	b	30·04	+ ·10	75	65	+ 7	NW	2	b	°	b	°	83	62	—
	Biarritz	29·99	71	NW	2	b	30·04	+ ·06	66	63	o	E	2	b	2	b	°	73	59	—
Span. Pen.	Corunna																°			
	Lisbon														°		°			
	Azores (P. Delgada)	30·19	71	WSW	3	c	30·17	+ ·03	71	69	— 1	WSW	4	o	3	c	°	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 5·9 hrs.

WEATHER CHARTS

FOR Saturday, 14th July, 1900.

BAROMETER, WIND AND SEA.

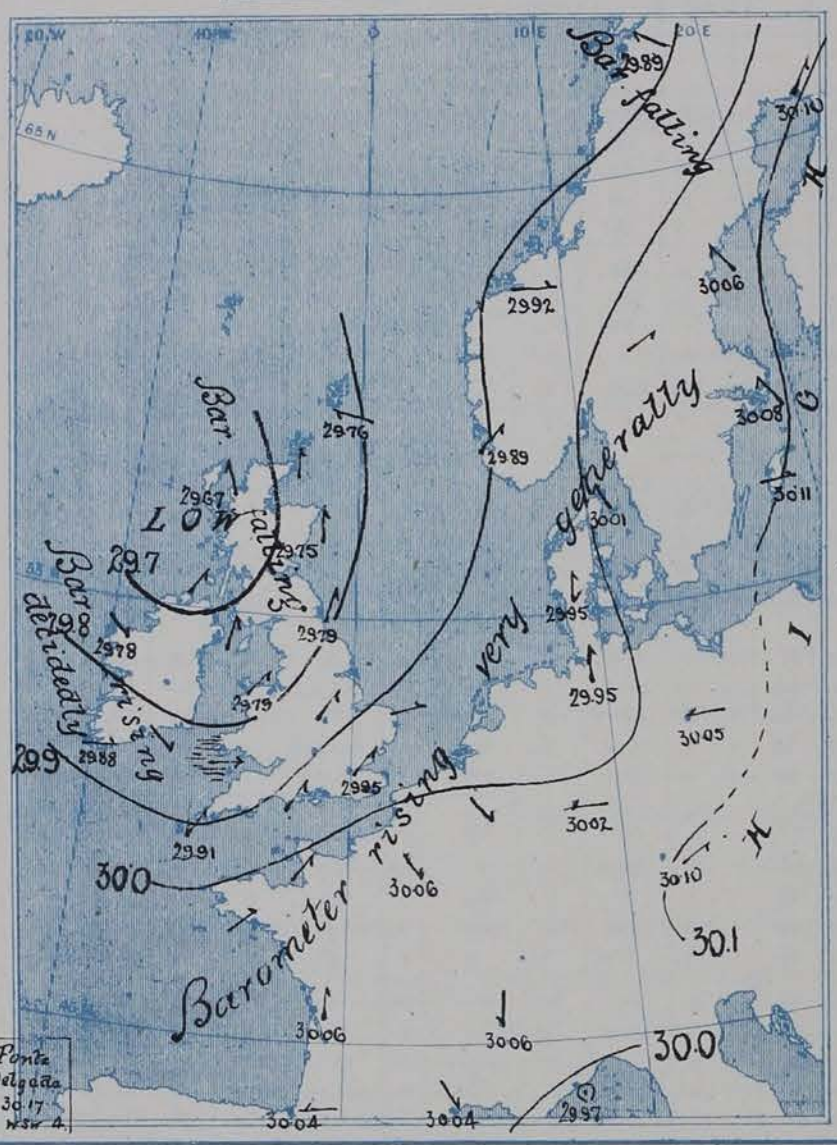
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

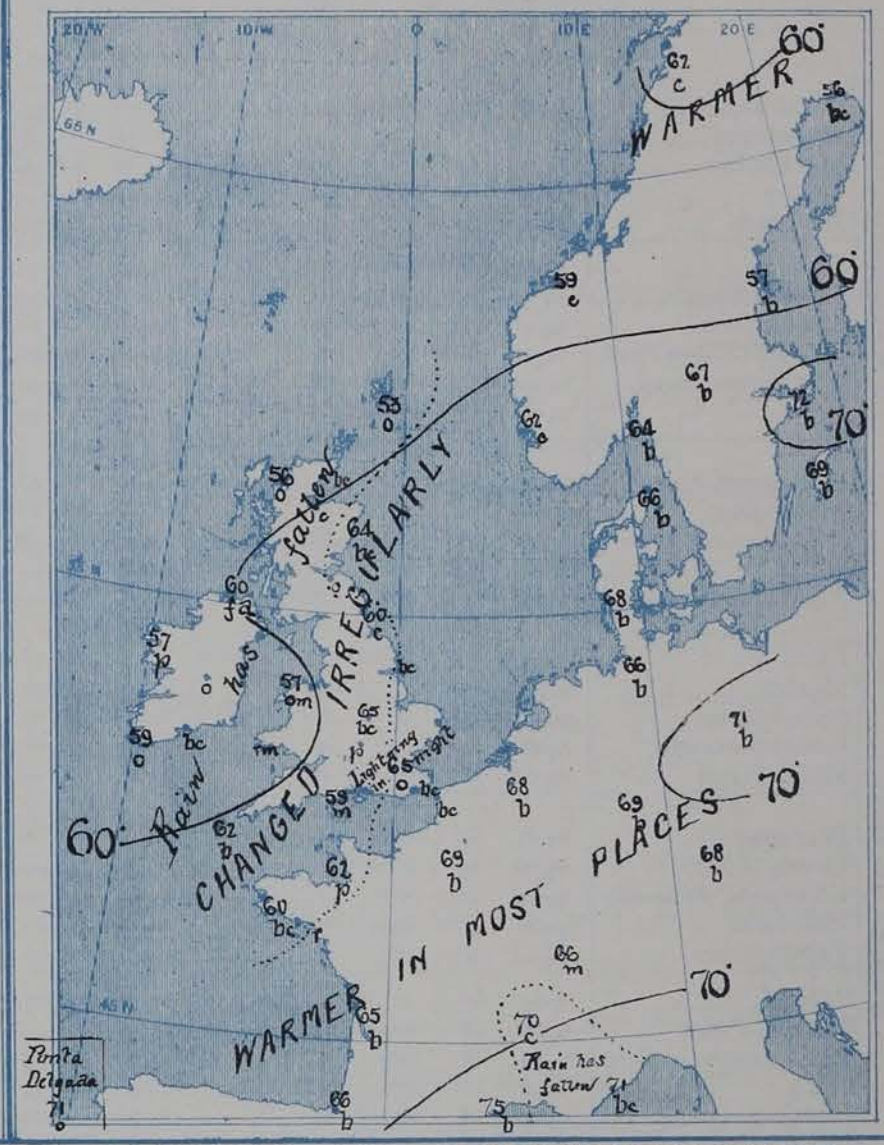


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins: and more over Russia and the east and south of Germany and exceeding 30.0 ins: all over France and Spain

Lowest 29.4 ins: and less over the west of Scotland, the north of Ireland and the neighbouring parts of the Atlantic.

Gradients were slight to moderate. Barometer was rising decidedly in the west and slightly over England, falling a little in Scotland.

TEMPERATURE

Highest 75° at Perpignan and above 70° over the south of France generally and at Berlin; 72° at Stockholm, 66° to 68° over the inland and northeastern parts of England.

Lowest 53° at Dunbugh Head, 56° at Stornoway, 57° at Blacksod Pt, 59° at Papa Stour & Doraghadee.

The maxima recorded yesterday were 80° at Loughborough, 83° in London, 84° at Berlin, 84° at Paris, 83° at Lyons and Perpignan.

WIND

Still Southerly to Southwesterly over the North Sea and the southeastern half of England, but was veering to Northwest in Ireland. An Easterly breeze prevailed over North Germany.

WEATHER

Rather showery in the northwest of Ireland, and at Jersey, Oxford and Pembroke, fine generally in most other places, but cloudy in many parts of England.

A measurable quantity of rain fell yesterday at all but our extreme southeastern stations, lightning was seen in London. Thunderstorms occurred in several parts of France.

Bright sunshine exceeded 12 hours on our southeast coasts, and amounted to 10 hours in London.

SEA

Rather rough at Pembroke, very little disturbed as a whole.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The Northwesterly wind in Ireland is likely to spread to England during today with fine bright, warm weather. The general appearance is indicative of a continuance of the fine weather.

FORECASTS

For the 24 hours ending at NOON on JULY 15TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southerly to Westerly and Northwesterly winds; some showers, then finer.
1	SCOTLAND EAST	Southwesterly and Westerly breezes; sprinkling showers, then finer and warmer.
2	ENGLAND N.E.	
3	ENGLAND EAST	Wind veering to Northwest; spots of rain at times, then fine and warmer.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No: 0.
7	ENGLAND N.W.	Same as Nos: 3 to 5.
8	ENGLAND S.W.	
9	IRELAND NORTH	Northwesterly winds, light: fine warmer.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.92	64	61	S	6	m	4
Sumburgh Head	29.72	56	55	SE	1	o	3
Stornoway... ...	29.75	59	56	S	4	c	4
Aberdeen	29.80	61	59	ESE	3	bc	3
Shields	29.81	63	60	ENE	2	bm	2
Malin Head ...	29.66	65	62	SSE	4	c	2
Blacksod Pt. ...	29.60	60	58	SSE	5	rm	4
Holyhead	29.82	60	58	SW	2	cmp	1
Valencia	29.61	64	61	SSW	3	o	4
Scilly	29.82	61	60	S	3	m	2
Jersey	29.97	67	60	SW	3	b	3
Portland Bill ...	29.92	63	61	WSW	3	b	3
Dungeness ...	29.88	66	62	WSW	3	b	3
London (Westminster)	29.82	82	68	WSW	3	bc	*
Yarmouth ...	29.82	68	62	SSE	3	b	2
Rochefort ...	29.98	72	68	WNW	4	bc	*

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

Continental Information will be issued in Sunday's Report.

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 Sunday 15th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. 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	29.93	54	2	0	bc	29.83	−.27	60	55	+ 4	S	2	bc	•	bc	•	61	45	—
	Hernösand	29.87	55	2	0	b	29.79	−.27	70	62	+ 13	SSW	4	bc	•	b	•	70	48	—
	Stockholm	29.98	70	SSW	2	bc	29.97	−.11	71	66	− 1	SW	2	o	•	bc	•	84	57	—
	Wisby	30.07	68	S	4	b	30.04	−.07	71	63	+ 2	WSW	4	bc	•	b	•	77	57	—
	Karlstad	29.95	72	S	2	b	29.95	−.09	66	63	− 1	SW	2	bc	•	b	•	•	•	0.04
	Bodö	29.85	59	2	0	bc	29.89	.00	52	51	− 10	WNW	1	f	1	bc	•	68	48	0.04
	Christiansund ...	29.88	60	2	0	c	29.87	−.05	61	59	+ 2	2	0	c	1	c	•	61	57	0.04
	Skudesnaes ...	29.85	60	SW	4	o	29.95	+ .06	59	56	− 3	SW	4	m	2	r.o	•	63	54	•
	Færder (X'iania Fjord)	29.93	65	SSW	1	m	29.93	−.08	63	61	− 1	SSW	4	m	2	m	•	66	61	0.20
	The Scaw (Skagen)	29.97	66	W	1	m	30.02	+ .01	63	61	− 3	W	3	m	0	m	•	73	61	—
	Fanö	30.01	62	WSW	3	c	30.08	+ .13	65	62	− 3	SW	4	b	•	c	•	75	61	—
British Islands.	Sumburgh Head ...	29.73	56	SW	1	b	29.91	+ .15	52	52	− 1	WNW	1	f	3	o.b	•	59	51	—
	Stornoway	29.79	59	NW	4	o	29.97	+ .30	55	53	− 1	2	o	bc	0	o	1.4	62	50	0.02
	Wick	29.77	59	S	3	c	29.98	+ .27	61	58	+ 3	N	3	c	1	c	•	65	53	0.02
	Nairn	29.65	66	2	0	o	29.98	+ .29	59	54	− 5	2	o	c	1	o	•	75	54	0.37
	Aberdeen	29.76	66	S	2	cg	29.99	+ .24	59	57	− 5	N	2	cg	1	bc.cg.r	8.8	69	57	0.06
	Leith	29.78	68	SW	4	bc	30.00	+ .26	66	58	+ 3	WSW	3	b	•	bc	•	73	55	0.01
	Shields	29.84	66	SSW	1	o	30.02	+ .23	64	59	+ 4	SW	2	b	2	c.o	•	70	56	—
	Spurn Head ...	29.91	67	W	4	c	30.07	+ .19	63	60	− 3	WNW	1	b	1	c	•	74	55	—
	Loughborough ...	29.93	70	WSW	2	bc	30.10	+ .21	65	59	0	SSE	2	bcr	•	c.bc.bm	•	73	48	—
	Malin Head ...	29.85	59	NW	3	c	29.98	+ .29	60	58	0	E	4	b	2	mp.o	•	65	52	—
	Blacksod Pt. ...	29.92	61	WNW	2	bc	29.95	+ .17	59	54	+ 2	ESE	3	c	3	bc	•	62	49	—
	Donaghadee ...	29.85	63	NW	3	cp	30.02	+ .29	56	55	− 3	SSW	2	bc	2	cp	•	65	50	0.02
	Liverpool (Bidston)	29.91	63	SW	4	c	30.06	+ .24	64	57	+ 2	SE	1	b	1	c	•	67	54	—
	Holyhead	29.92	58	SW	3	c	30.04	+ .25	61	58	+ 4	SSW	3	bc	2	o.c	•	62	54	—
	Parsonstown ...	29.91	66	SW	1	bc	29.98	+ .21	61	56	+ 2	SE	1	c	*	bc	4.4	67	52	—
	Valencia	29.93	64	S	2	bcr	29.87	−.01	63	60	+ 4	SE	4	cp	4	bcr	6.1	65	58	0.01
	Roche's Point ...	29.97	64	WSW	3	b	29.96	+ .10	59	58	− 1	SE	5	o	4	b	•	66	54	—
	Pembroke (St. Ann's Hd.)	30.00	59	WSW	3	b	30.03	+ .17	58	57	0	SE	5	c	4	b	6.0	60	54	—
	Scilly	30.01	64	S	1	b	29.96	+ .05	61	60	− 1	SSE	5	m	3	b	13.4	68	58	0.01
	Jersey (St. Aubin's) ...	30.05	69	W	3	b	30.10	+ .07	63	61	+ 1	SSE	2	o	2	bc.b	•	72	61	0.01
	Portland Bill ...	30.01	62	SW	3	b	30.10	+ .13	61	60	+ 2	E	1	cm	2	b	•	66	55	—
	Dungeness	30.02	64	WSW	3	bc	30.12	+ .12	62	60	− 1	W	2	b	2	bc	•	67	57	—
	London (Brixton) ...	29.97	71	WSW	3	b	30.12	+ .17	64	58	− 1	SSW	3	c	*	bc.b	8.9	75	53	—
	Oxford	30.00	65	WSW	2	b	30.10	+ .18	65	59	+ 3	WSW	1	b	*	r.c.b	•	72	53	—
	Yarmouth	29.93	70	S	3	bc	30.12	+ .17	67	60	0	W	1	b	2	bc	•	72	57	—
France & Netherlands. Germany.	Cuxhaven	30.02	68	W	1	bc	30.09	+ .14	68	65	+ 2	S	2	b	•	bc.bl	•	79	57	—
	Berlin	30.02	79	SE	2	b	30.10	+ .05	73	66	+ 2	SE	1	b	•	b	•	90	66	—
	Frankfürt	30.03	74	N	2	bc	30.11	+ .09	73	68	+ 4	NE	2	b	•	bc	•	88	66	—
	Munich	30.11	68	SE	2	b	30.22	+ .12	69	62	+ 1	2	0	b	•	b	•	81	55	—
	The Helder ...	29.99	67	SW	1	b	30.09		66	63		SW	1	b	0	b	•	72	59	—
	Brussels	•	•	:	•	•	30.14	+ .09	71	64	+ 3	2	0	bc	•	b	•	82	58	—
	C. Gris Nez ...	30.01	64	W	3	bc	30.08	+ .10	64	63	0	W	1	m	0	bc	•	70	59	—
	Paris	30.02	82	N	2	c	30.11	+ .05	69	64	0	NNE	2	b	•	c	•	88	?	—
	Brest	30.04	66	NNW	1	b	30.04	+ .02	61	60	+ 1	ESE	2	o	2	b	•	75	59	—
	Lorient	30.06	66	SSW	1	c	30.08	+ .05	61	61	− 2	SE	1	m	2	c	•	72	59	0.08
	Rochefort	30.05	70	NW	2	b	30.04	− .02	66	63	+ 1	ENE	2	b	•	8	•	79	61	—
	Belfort	30.01	75	NW	1	o	30.08	+ .04	70	66	+ 4	2	o	m	•	o	•	84	60	—
	Lyons	30.02	77	NE	1	bc	30.11	+ .06	72	65	+ 2	N	1	b	•	bc	•	82	65	—
	Nice	29.97	72	E	3	c	30.06	+ .09	76	65	+ 5	2	o	b	1	c	•	79	59	—
	Perpignan	30.00	85	W	2	b	30.06	+ .02	75	65	0	SW	1	b	•	b	•	91	66	—
	Biarritz	30.01	70	NNE	3	b	29.96	−.08	67	65	+ 1	NNE	1	b	o	b	•	75	63	—
Span. Pen.	Corunna	30.06	67	WNW	3	b	30.02	−.05	70	64	+ :	WNW	1	b	2	b	•	73	63	—
	Lisbon	30.02	67	N	5	b	29.99	−.08	71	64	+ 2	NNE	4	b	•	b	•	82	64	—
	Azores (P. Delgada)	30.22	68	NNW	2	bc	30.23	+ .06	67	60	− 4	N	4	c	3	bc	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport hrs.

WEATHER CHARTS

FOR Sunday, 15th July, 1900.

BAROMETER, WIND AND SEA.

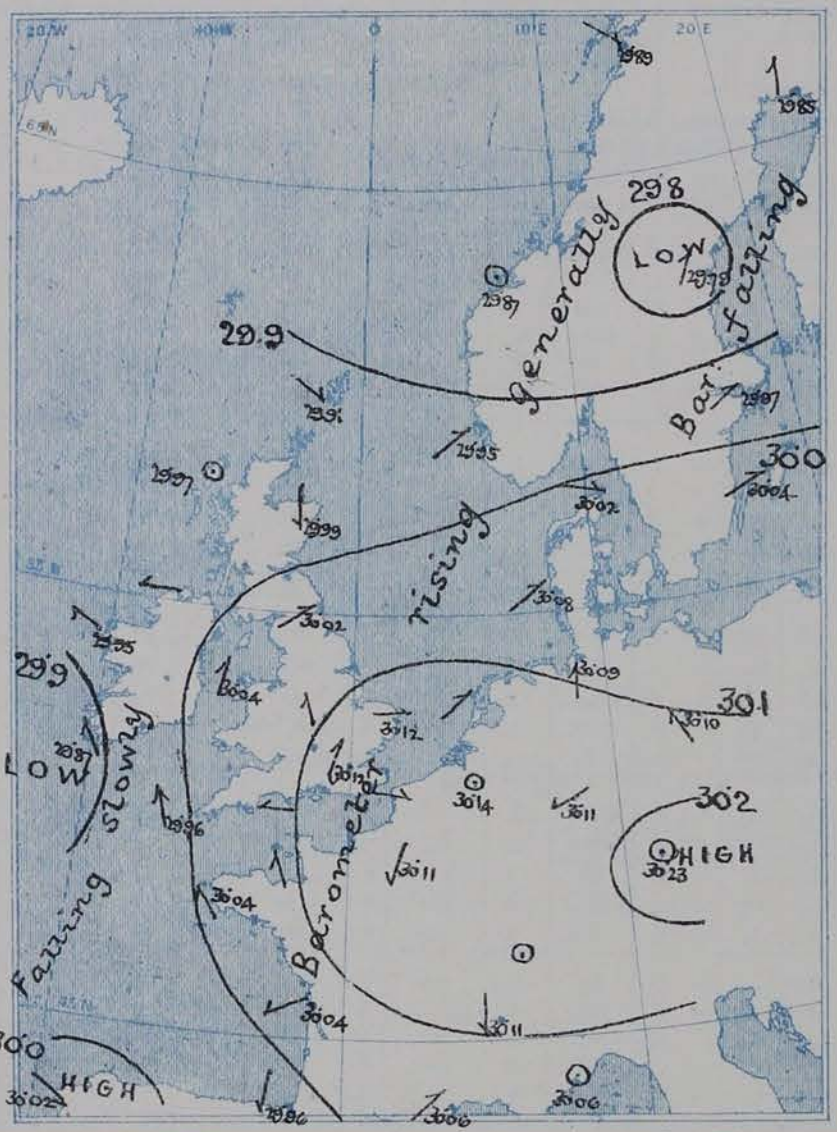
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

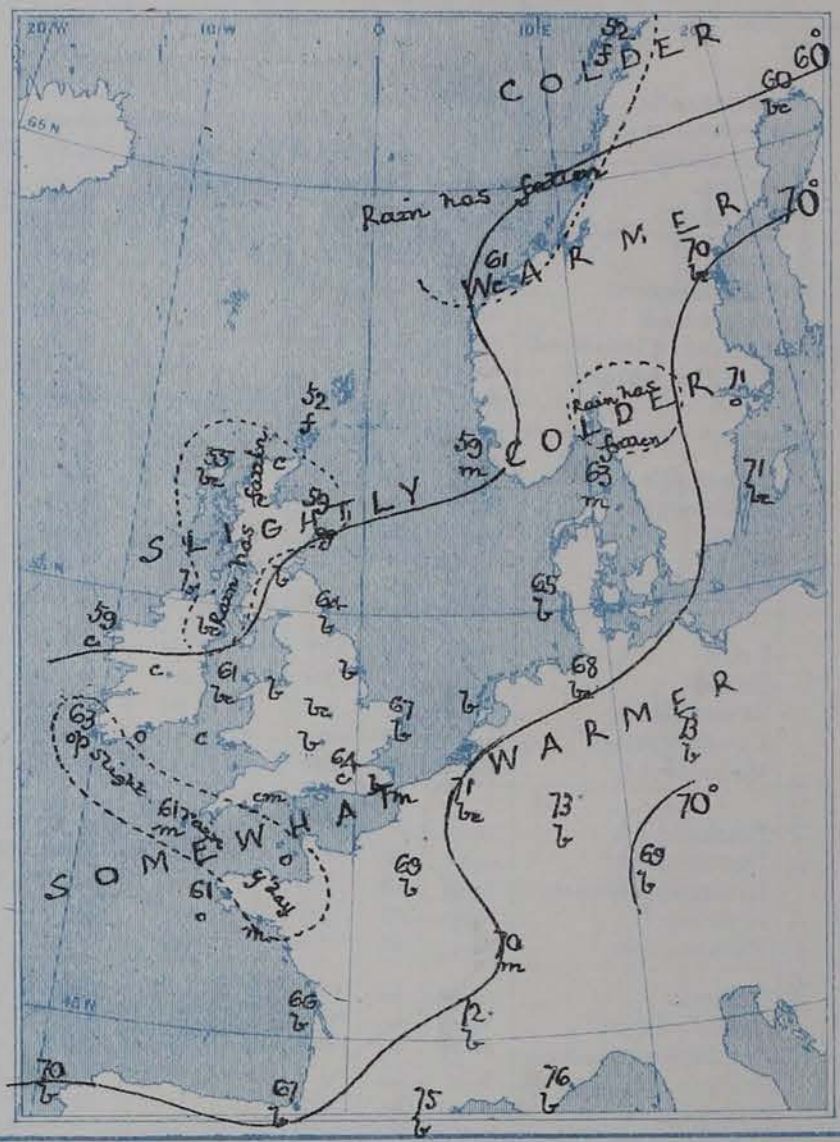


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·22 in: at Memich, 30·1 in: and upwards over North Germany, the Netherlands, the greater part of France and the southeastern counties of England.
Lowest, (1) 29·9 in: and less off the southwestern coasts of Ireland and England, and 29·8 in: and less over the Gulf of Bothnia.
Gradients slight, but increasing in the southwest.
Barometer rising in most parts of our area, but falling over the extreme southwest of Ireland & England, and also in the SW. of France.

TEMPERATURE

Highest, (1) 76° at Nice, 75° at Perpignan, 73° at Berlin and Frankfort, 69° at Paris; (2) 71° in the south of Sweden; (3) 65° at Leith, and 65° over the central parts of England.
Lowest, 52° at Bodö and Seamburgh Hd., 55° at Stornoway and 56° at Donaghadee.
The maxima over our Islands yesterday ranged from 75° in London and at Nairn and 74° at Spurn Hd. to 60° at Pembroke & 59° in the Shetlands.

WIND

(1) Moderate to fresh from the SE. over Ireland and the southwest of England, light SW. over the Eastern part of England, and variable in Scotland; (2) Light from some E. points in France, and light from between SW. and W. at most of the Scandinavian stations.

WEATHER

Fine and bright in nearly all parts of the United Kingdom, but cloudy or dull in the southwest with showers at Valencia (Ireland).
Fine at almost all the Continental stations, but foggy at Bodö and misty in the south of Norway. Rain fell yesterday in Scotland and on our southwest coasts.
The amounted of bright sunshine recorded yesterday ranged from 1·4 hr: at Stornoway to 13·4 hrs at Scilly.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 16TH JULY, 1900

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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.90	60	59	SSE	4	r	2
Sumburgh Head	29.74	57	56	ESE	1	o	4
Stornoway... ...	29.72	61	59	WNW	3	o	3
Aberdeen	29.75	66	60	SSE	3	bc	3
Shields	29.81	70	63	SSW	1	c	2
Malin Head ...	29.77	57	57	NW	4	o	3
Blacksod Pt.. ...	29.89	61	56	NW	3	bc	3
Holyhead	29.86	61	58	SW	3	o	2
Valencia	29.94	61	56	WSW	2	bc	4
Scilly	29.99	67	63	SW	2	b	4
Jersey	30.06	71	63	SW	3	bc	3
Portland Bill ...	30.01	65	63	WSW	3	b	4
Dungeness ...	30.03	65	62	WSW	3	c	3
London (Westminster)	29.97	73	64	SW	3	bc	*
Yarmouth ...	29.94	68	64	SSE	4	bc	3
Rochefort ...	30.08	74	68	NW	2	b	*

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

Continental Information not received.

General Remarks on the Weather over Europe for 24 hours ended 8 am on July 14th.

Weather in morning fine and bright in nearly all parts of our area, but cloudy & dull and rainy at many of our own northern and western stations, as well as in some parts of Hungary. Cloud increasing over the United Kingdom later, and rain becoming more general.

Temperature in morning highest (1) 78° at Pamplonaires, 77° at Barcelona and Tuiste, and above 70° at almost all the Mediterranean stations; (2) 74° at Stockholm; (3) 66° in London. Lowest (1) 49° at Archangel, 52° at Bodo; (2) 53° at Sumburgh Head, and between 56° and 59° in several parts of Scotland and Ireland; (3) 55° at Hernosandsstadt, 59° at Moscow and Kiev. Rising later to between 80° and 83° over the inlands parts of England, to 84° at Berlin and Brussels, 86° at Frankfort, and to 87° at Paris.

Wind very variable in direction over the greater part of Europe, but mainly S^ly to W^ly over the British Islands and France, SE^ly on the eastern shores of the North Sea and NW^ly in Finland. In force it is light or moderate generally. The SW^ly current over our Islands increasing somewhat in force later, and the winds over France becoming rather variable.

Barometer highest (1) 30·1 in: and upwards ~~over~~ over the more northern parts of Scandinavia; (2) 30·0 in: and upwards over the Spanish Peninsula. Lowest (1) 29.7 in: and less, off the west coasts of the British Islands; (2) 29.7 in: and less over Hungary and the southwest of Russia; (3) about 29.8 in: in the neighbourhood of Malta. Barometer falling decidedly on our western and northern coasts later, and depression over 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* Metecrological 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 Monday 16TH JULY, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	65	NNW	4	o	29.75	−.08	57	?	− 3	N	4	r		o		70	48	—
	Hernösand	29.81	65	2	o	o	29.95	+.16	65	57	− 5	NW	8	be		o		81	50	0.16
	Stockholm	29.96	69	WSW	4	o	30.02	+.05	69	62	− 2	W	4	b		o		79	64	0.04
	Wisby	30.01	67	W	4	be	30.08	+.04	64	60	− 7	WNW	6	b		be		79	57	0.08
	Karlstad	29.97	68	SSW	2	b	30.09	+.14	65	61	− 1	W	2	b		b				—
	Bodö	29.96	52	2	o	o	30.02	+.13	50	49	− 2	2	o	f	1	o		54	48	0.12
	Christiansund ...	30.03	53	W	8	o	30.20	+.33	54	52	− 7	WNW	4	o	8	o		61	52	0.08
	Skudesnaes ...	30.12	60	W	2	mw	30.18	+.23	58	55	− 1	NNE	4	c	1	mw		61	54	
	Færder (X'iania Fjord)	29.98	63	SW	4	b	30.11	+.18	66	62	+ 3	W	1	b	2	b		66	59	—
	The Scaw (Skagen)	30.09	62	W	2	mw	30.15	+.13	60	59	− 3	W	3	mw	1	mw		70	59	—
	Fanö	30.19	61	WSW	1	b	30.25	+.17	63	61	− 2	WSW	1	c	o	b		68	57	—
British Islands	Sumburgh Head ...	30.05	57	W	2	be	30.11	+.20	53	52	+ 1	SE	2	o	3	be		58	48	—
	Stornoway	30.05	63	SE	1	o	29.96	−.01	59	57	+ 4	SSE	3	p	8	c.o	7.6	64	52	0.03
	Wick	30.09	62	E	1	b	30.02	+.04	55	54	− 6	S	3	r	3	b.r		63	43	0.48
	Nairn	30.03	65	E	1	be	29.98	.00	62	61	+ 3	S	1	o	1	be		68	55	0.17
	Aberdeen	30.12	57	SE	1	c	30.05	+.06	56	56	− 3	SSE	2	orgm	3	p.be.c	1.8	63	52	0.45
	Leith	30.05	68	2	o	c	30.02	+.02	60	59	− 6	NE	2	o		c		74	56	030
	Shields	30.10	62	ESE	2	c	30.09	+.07	65	61	+ 1	S	2	c	2	c		71	56	—
	Spurn Head ...	30.13	63	SE	3	b	30.11	+.04	63	61	0	SE	3	c	2	b		67	57	—
	Loughborough ...	30.09	79	SSW	1	be	30.10	.00	73	65	+ 8	SE	1	cuw		c.be.bmw		79	57	—
	Malin Head ...	29.98	60	S	4	c	29.91	−.07	62	60	+ 2	SSW	4	b	3	c. cgm		68	52	0.01
	Blacksod Pt. ...	29.91	64	SE	3	c	29.94	−.01	61	59	+ 2	WSW	4	c	3	c.2		64	52	0.32
	Donaghadee ...	30.06	57	S	3	o	30.02	.00	59	59	+ 3	SSW	3	o	2	f.o		60	54	0.37
	Liverpool (Bidston)	30.07	70	SE	1	o	30.07	+.01	69	64	+ 5	SE	1	c	1	o		74	61	—
	Holyhead	30.07	64	SE	1	omw	30.07	+.03	59	58	− 2	S	1	rgm	1	e.omw		69	38	0.26
	Parsonstown ...	29.93	63	SE	1	o	30.00	+.02	63	59	+ 2	S	1	o		o.r	2.8	66	55	0.05
	Valencia	29.87	62	S	4	o	30.03	+.16	62	60	− 1	S	2	o	3	rmw.o	1.0	68	58	0.13
	Roche's Point ...	29.95	60	SSW	5	o	30.06	+.10	60	59	+ 1	WSW	3	c	3	omw		60	56	0.05
	Pembroke (St. Ann's Hd.)	30.05	61	S	3	c	30.07	+.04	62	61	+ 4	SE	1	c	2	c	1.4	64	57	0.01
	Scilly	30.01	63	SSE	4	c	30.05	+.09	63	62	+ 3	WSW	1	f	1	c	4.9	67	60	002
	Jersey (St. Aubin's) ...	30.09	70	E	2	b	30.05	−.05	74	66	+ 11	ENE	2	be	2	f.b		74	62	—
	Portland Bill ...	30.10	62	E	1	bmw	30.05	−.05	68	65	+ 7	ENE	3	bcmw	3	f.bmw		68	56	—
	Dungeness	30.11	67	E	4	b	30.09	−.03	68	64	+ 6	E	3	b	2	b		72	61	—
	London (Brixton) ...	30.08	78	SW	2	bcv	30.10	−.02	73	68	+ 9	WNW	2	c		c.b.m	10.8	80	60	—
	Oxford	30.10	71	S	2	b	30.09	−.01	65	62	0	S	1	o		b.c		78	54	—
	Yarmouth	30.13	66	S	3	b	30.13	+.01	65	62	− 2	SSE	3	b	3	be.b		68	61	—
France & Netherlands. Germany.	Cuxhaven	30.16	70	NNW	1	b	30.23	+.14	66	63	− 2	E	2	b		b		79	61	—
	Berlin	30.15	80	2	o	b	30.22	+.12	76	64	+ 3	2	o	b		b		90	68	—
	Frankfürt	30.14	76	N	2	b	30.20	+.09	76	70	+ 3	E	2	b		b		90	68	—
	Munich	30.23	70	E	1	b	30.30	+.08	67	63	− 2	E	2	b		b		81	55	—
	The Helder ...	30.15	68	NE	1	b	30.18	+.09	71	66	+ 5	E	1	b	1	b		72	63	—
	Brussels	*	*	*	*	*	30.19	+.05	76	70	+ 5	2	o	b		b		83	59	—
	C. Gris Nez ...	30.07	69	ENE	2	be	30.06	−.03	78	64	+ 14	SSW	2	b	1	be		78	57	—
	Paris	30.07	86	NE	1	b	30.12	+.01	78	70	+ 9	ENE	1	b		b		88	64	—
	Brest	30.06	69	2	o	b	30.03	−.01	62	59	+ 1	N	1	b	1	b		73	57	—
	Lorient	30.02	75	2	o	b	30.01	−.07	68	66	+ 7	ESE	3	be	1	b		82	61	—
	Rochefort	29.96	80	ENE	2	b	30.01	−.03	73	66	+ 7	ESE	2	b		b		84	64	—
	Belfort	30.04	82	ENE	2	be	30.16	+.08	72	66	+ 2	2	o	m		be		86	69	—
	Lyons	30.07	85	NE	1	b	30.19	+.08	74	66	+ 2	SE	1	b		b.2		89	65	—
	Nice	30.08	80	SW	1	b	30.19	+.13	78	64	+ 2	E	1	b	0	b		90	70	—
	Perpignan	30.06	79	E	2	b	30.18	+.12	70	68	− 5	NE	2	be		b		86	62	—
	Biarritz	29.91	89	E	4	b	30.01	+.05	72	69	+ 5	SE	2	b	1	b		91	66	—
Span. Pen.	Corunna																			
	Lisbon	29.93	70	NNW	5	be	29.95	−.04	70	65	− 1	NNE	4	b		be		84	68	—
	Azores (P. Delgada)	30.35	66	NNE	3	be	30.37	+.14	67	60	0	NE	4	c	3	be		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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 7.2 hrs.

WEATHER CHARTS

FOR Monday, 16th July, 1900.

BAROMETER, WIND AND SEA.

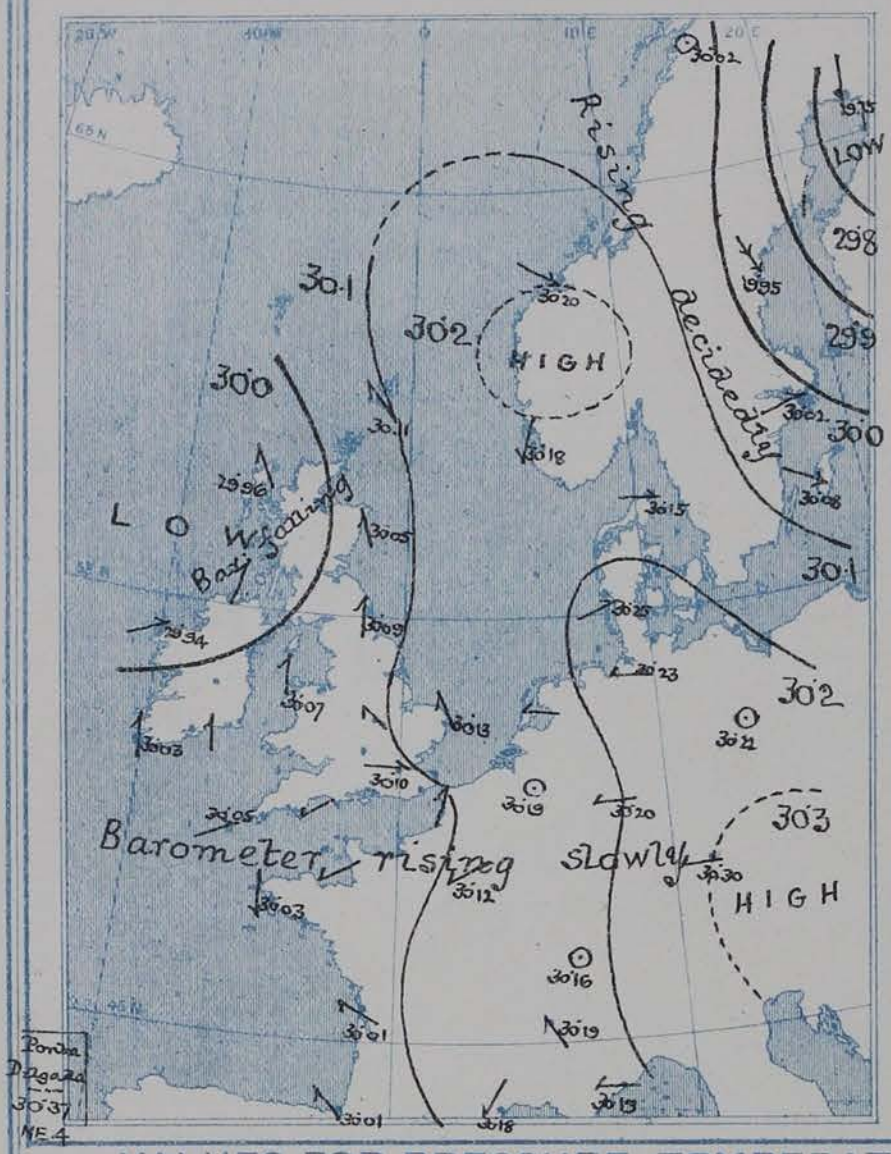
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

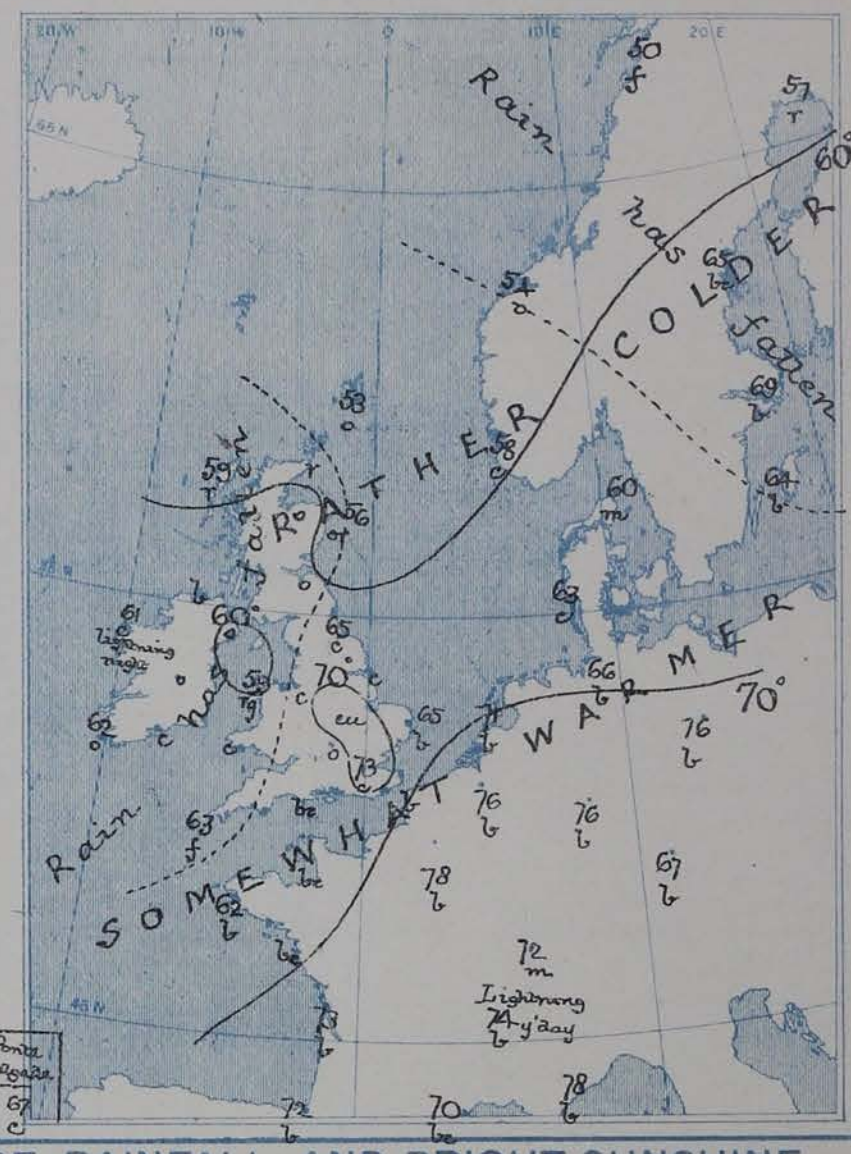


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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	36
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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest between 30.3 ins: and 30.1 ins: over Germany, Denmark, Norway and the North Sea.
Lowest (1) 30.0 ins: and less over the northwest of our Islands; (2) 29.8 ins: and less to 29.9 ins: over Finland and the Gulf of Bothnia.
Gradients slight and variable over our Islands, moderate for Northerly winds over Sweden.
Barometer falling in Scotland, rising over the South of Ireland, and rising fast over Scandinavia.

TEMPERATURE

Highest 78° at Paris, 76° at Vaasa, Brussels, Frankfort and Berlin, 75° in London and at Loughborough.
Lowest 50° at Bodö, 53° at Sumburgh Head, 56° at Aberdeen, 59° at Stornoway.
The maxima recorded yesterday were 79° at Loughborough, 80° in London, 90° at Berlin and Frankfort, 88° at Paris, 90° at Nice, 91° at Biarritz.

WIND

Very variable indeed; (1) Northwesterly to Westerly, moderate to a gale over Sweden; (2) Southerly light on our west and northwest coasts; (3) Southerly to Easterly, variable and very light over England; (4) Easterly light over France and Germany.

WEATHER

Fine and bright over Germany, France and England, dull and showery over Ireland, Scotland and the northern part of Scandinavia. The rain has been rather considerable over Scotland and the north of Ireland. Lightning has been seen at Blackpool and at Leyons.
Bright Sunshine recorded yesterday exceeded 12 hours on the S.E. coasts of England, but was slight in Ireland and the east of Scotland.

SEA

Slight or smooth on all our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is no indication of any great change over our Islands and their neighbourhood at present.

FORECASTS

For the 24 hours ending at NOON on JULY 14TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southerly winds, light; unsettled, rain at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Southeasterly and Southerly winds, light; fine, warm.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Same as No. 2.
5	ENGLAND SOUTH	Southeasterly and Easterly winds, light; fine, very warm.
6	SCOTLAND WEST	Same as Nos: 0 and 1.
7	ENGLAND N.W.	Southerly and Southwesterly winds, light, cloudy, a little rain.
8	ENGLAND S.W.	Southwesterly winds, light, fine, warm.
9	IRELAND NORTH	Same as Nos: 0 and 1.
10	IRELAND SOUTH	Variable airs light, fine, warm.
	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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·04	61	58	SW	2	f	2
Sumburgh Head	30·01	54	53	WNW	2	b	3
Stornoway... ...	30·03	59	55	SSE	2	c	2
Aberdeen	30·09	61	58	SE	3	bc	1
Shields							
Malin Head ...	29·99	60	58	E	3	c	2
Blacksod.Pt.. ...	29·94	62	58	SE	3	c	2
Holyhead	30·06	68	60	SW	2	c	1
Valencia	29·85	69	62	SSE	2	o	4
Scilly	30·01	66	64	ESE	4	c	3
Jersey	30·11	63	60	ESE	2	b	2
Portland Bill ...	30·11	64	62	ESE	2	f	3
Dungeness ...	30·12	70	62	E	2	b	2
London (Westminster)							*
Yarmouth ...	30·02	69	61	SSE	3	bc	3
Rochefort ...	30·00	84	75	NNW	2	b	*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM JULY 8TH TO 14TH 1900.

The week commenced with an anticyclone, in which the highest readings exceeded 30·3 ins: covering the whole of the British Islands, the Bay of Biscay and the western half of France, but with depressions lying (1) over Sweden and the Baltic and (2) over the Adriatic, Italy and the northeastern part of the Mediterranean. Temperature was much above 70° over many parts of the Mediterranean, but was low for the time of year over the British Islands, northern and central Europe, and the winds over the latter countries were Northerly to Westerly. Later on the Baltic depression moved northeastwards, that over Italy southeastwards and as the anticyclone over the British Islands moved eastwards and southeastwards, a warm Southerly and Southeasterly wind set in, so that the maximum temperature recorded on Tuesday was 83° in London and on Wednesday the highest readings recorded were 83° in London, 90° at Lorient and 102° at Rochefort, though the maxima over Central Europe

The high pressure region (reduced in intensity but enlarged in size) now passed on to Scandinavia and the Baltic; a number of small disturbances appeared over northwestern and western Europe. Thunderstorms appeared over the northwestern, northern and midland parts of the Kingdom, and while temperature gave way somewhat over our Islands and France, it rose over the more eastern countries. On Saturday, however, a new anticyclonic area was appearing in the west, the small depressions in the west and east were disappearing and fair weather was approaching.

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 Tuesday 17th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baroms. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	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†	58	NW	2	bc	29.81	+.06	59	51	+ 2	NW	4	b	°	bc	°	70	55	—
	Hernösand	30.05	61	N	2	b	29.95	.00	57	52	— 8	N	2	o	°	b	°	70	57	—
	Stockholm	30.06	66	ESE	4	o	29.94	—.08	68	64	— 1	SSW	2	o	°	o	°	79	61	—
	Wisby	30.08	67	SSW	4	b	29.97	—.11	65	62	+ 1	W	4	bc	°	b	°	70	59	—
	Karlstad	30.04	67	SW	2	b	29.90	—.19	59	57	— 16	S	2	o	°	b,r	°	°	°	0.04
	Bodö	30.03	48	SW	4	o	29.99	—.03	48	47	— 2	SW	2	c	1	o	°	80	46	0.08
	Christiansund ...	30.12	55	N	2	bc	29.87	—.33	53	51	— 1	WSW	2	r	2	bc	°	57	52	—
	Skudesnaes ...	30.10	57	WSW	4	o	29.93	—.25	57	56	— 1	WSW	4	o	2	b,o	°	66	54	°
	Færder (X'iania Fjord)	30.06	60	SSE	4	m	29.88	—.23	62	59	— 4	SW	7	c	3	m	°	66	59	—
	The Scaw (Skagen)	30.21	59	W	2	m	29.97	—.18	60	59	0	SW	1	bc	0	m	°	68	57	—
	Fanö	30.12	61	2	0	b	30.01	—.14	67	62	+ 4	WNW	4	b	°	b,r	°	68	59	—
British Islands	Sumburgh Head .	29.92	53	ESE	4	o	29.92	—.19	53	53	0	W	3	r	4	r,o	°	54	50	0.06
	Stornoway	29.86	60	SW	4	o	29.99	+.03	59	57	0	WNW	5	o	5	p,o	3.4	62	52	0.15
	Wick	29.87	60	WW	2	o	30.01	—.01	62	58	+ 7	NW	3	c	2	o	°	65	53	0.02
	Nairn	29.90	69	W	2	bc	30.02	+.04	64	60	+ 2	W	1	b	1	bc	°	72	56	—
	Aberdeen	29.90	68	SW	3	b	30.06	+.01	67	59	+ 11	WSW	2	bc	2	ogpt,b	4.6	68	54	0.25
	Leith	29.94	66	W	3	bc	30.11	+.09	61	58	+ 1	WSW	3	o	°	bc	°	68	53	0.54
	Shields	30.02	65	2	0	c	30.13	+.04	64	60	— 1	W	3	c	2	r,c	°	71	56	0.38
	Spurn Head ...	30.02	64	SSE	3	c	30.16	+.05	63	60	0	W	3	b	1	r,r,c	°	69	59	—
	Loughborough ...	30.02	80	WSW	2	bc	30.24	+.14	66	60	— 7	WNW	1	bc	°	op,bc,b	°	80	53	0.10
	Malin Head ...	29.97	60	W	3	c	30.12	+.21	58	55	— 4	SW	4	og	3	b,c	°	67	57	—
	Blacksod Pt.. ..	30.06	60	WSW	4	o	30.17	+.23	60	58	— 1	SSW	5	o	4	b,o	°	65	55	—
	Donaghadee ...	29.99	70	WSW	4	bc	30.09	+.17	62	59	+ 3	WSW	2	bc	2	bcq	°	71	52	0.01
	Liverpool (Bidston)	30.05	68	W	3	bc	30.24	+.17	60	57	— 9	WSW	3	o	3	p,bc	°	73	57	0.33
	Holyhead	30.07	60	SW	3	b	30.25	+.18	60	57	+ 1	W	2	c	1	tlf,bc,bm	°	63	56	0.44
	Parsonstown ...	30.08	67	W	1	c	30.27	+.27	61	58	— 2	SW	1	c	°	c	9.2	70	54	—
	Valencia	30.15	62	WSW	2	o	30.28	+.25	62	59	0	S	1	o	3	o	0.4	65	52	—
	Roche's Point ...	30.12	69	WSW	4	b	30.31	+.25	60	57	0	SW	2	b	2	b	°	70	55	—
	Pembroke (St. Ann's Hd.)	30.15	61	SW	2	b	30.29	+.22	59	58	— 3	NW	1	bcur	2	b	9.5	64	55	—
	Scilly	30.15	65	W	2	b	30.29	+.24	62	59	— 1	W	2	b	1	f,b	11.9	68	58	—
	Jersey (St. Aubin's) ...	30.08	69	W	3	c	30.31	+.26	65	60	— 9	NW	3	bc	3	og,c,tlr	°	77	57	0.08
	Portland Bill ...	30.07	65	WSW	2	c	30.27	+.22	59	58	— 9	NW	3	bm	2	op,cm	°	71	56	0.03
	Dungeness	30.03	76	2	0	b	30.21	+.12	70	64	+ 2	N	3	b	2	op,bm,l	°	82	64	—
	London (Brixton) ...	30.02	80	SW	3	c	30.24	+.14	67	62	— 6	NW	2	b	°	cq,l,b	10.5	92	60	—
	Oxford	30.06	72	WSW	2	c	30.26	+.17	68	59	— 2	W	1	b	°	tlr,c	°	78	52	0.11
	Yarmouth	30.04	67	NE	2	c	30.19	+.06	67	62	+ 2	NW	3	b	3	b,cptl	°	71	60	0.28
France & Netherlands. Germany.	Cuxhaven	30.09	72	N	1	b	30.06	—.17	67	65	+ 1	W	3	o	°	b,tlr	°	72	64	0.39
	Berlin	30.13	83	NE	1	b	30.03	—.19	77	71	+ 1	SW	2	c	°	b	°	91	70	—
	Frankfürt	30.12	76	2	0	b	30.15	—.05	77	68	+ 1	W	2	b	°	b	°	95	68	—
	Munich	30.27	72	2	0	b	30.30	.00	74	66	+ 7	SW	2	b	°	b	°	82	63	—
	The Helder ...	30.02	73	ENE	1	b	30.13	—.05	62	61	— 9	NNW	2	c	2	b	°	82	63	—
	Brussels	°	°	°	°	°	30.18	—.01	70	61	— 6	NW	1	c	°	rb	°	92	64	0.16
	C. Gris Nez ...	30.01	78	E	1	b	30.18	+.13	64	63	— 14	N	2	m	2	b	°	93	63	—
	Paris	30.05	93	SW	4	b	30.23	+.11	74	66	— 4	NW	2	b	°	b	°	98	68	—
	Brest	30.14	65	N	1	c	30.31	+.28	69	58	— 3	N	1	b	2	c	°	72	55	—
	Lorient	30.11	72	NNW	4	c	30.29	+.28	59	59	— 9	N	3	bc	2	c	°	84	59	—
	Rochefort	30.10	76	W	3	b	30.20	+.19	68	66	— 5	NE	2	m	°	b	°	88	64	—
	Belfort	30.18	85	WSW	3	bc	30.20	+.04	73	65	+ 1	WSW	3	m	°	bc	°	92	64	—
	Lyons	30.16	86	S	1	b	30.25	+.06	75	65	+ 1	SE	1	b	°	b	°	93	66	—
	Nice	30.20	80	SW	1	b	30.31	+.02	80	65	+ 2	E	1	b	0	b	°	86	72	—
	Perpignan	30.18	78	SE	2	b	30.16	—.02	71	65	+ 1	2	0	b	°	b	°	83	58	—
	Biarritz	30.07	75	N	1	b	30.18	+.17	73	71	+ 1	N	1	c	1	b	°	84	72	—
Span. Pen.	Corunna ...																			
	Lisbon ...	29.97	77	W	2	b	30.03	+.08	75	66	+ 5	ENE	4	c	°	b	°	82	68	—
	Azores (P. Delgada)	30.10	66	NNE	3	bc	30.34	—.03	68	62	+ 1	NE	3	bc	2	bc	°	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 5.4 *hrs.*

WEATHER CHARTS

FOR Tuesday, 17th July, 1900.

BAROMETER, WIND AND SEA.

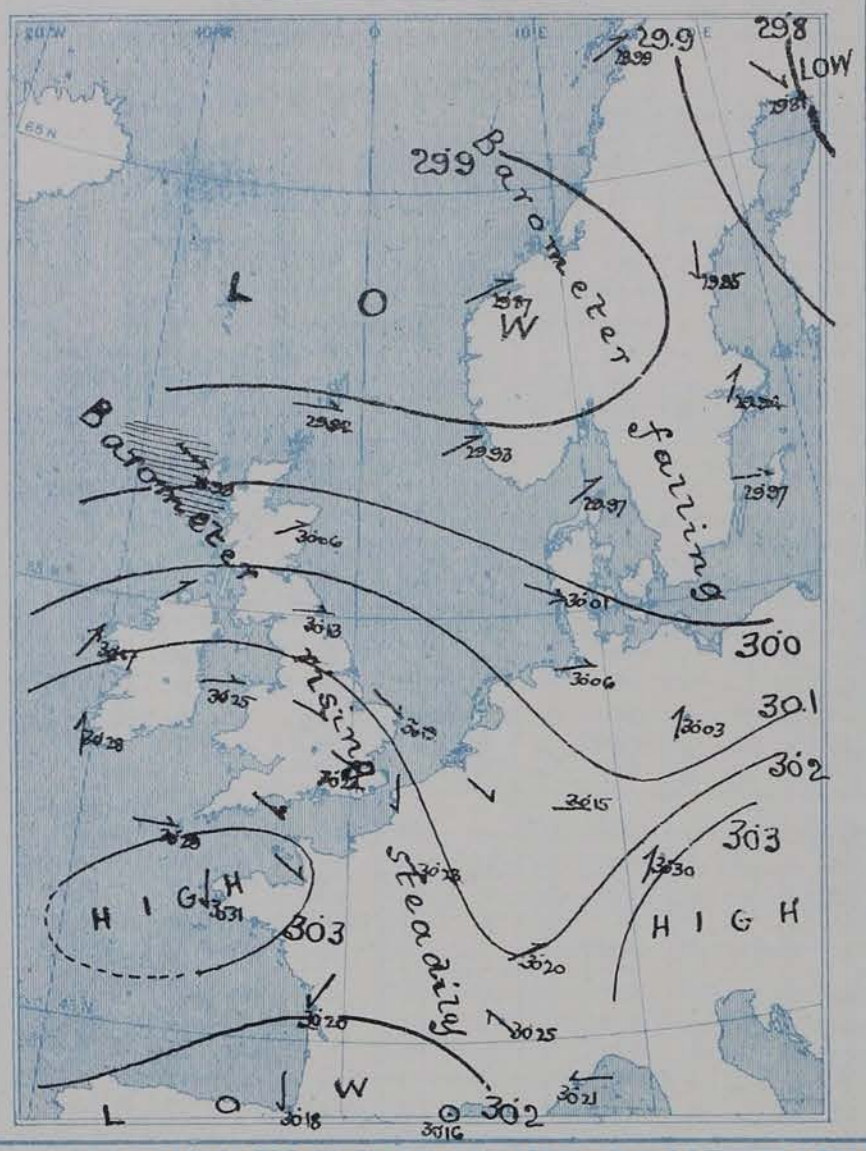
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

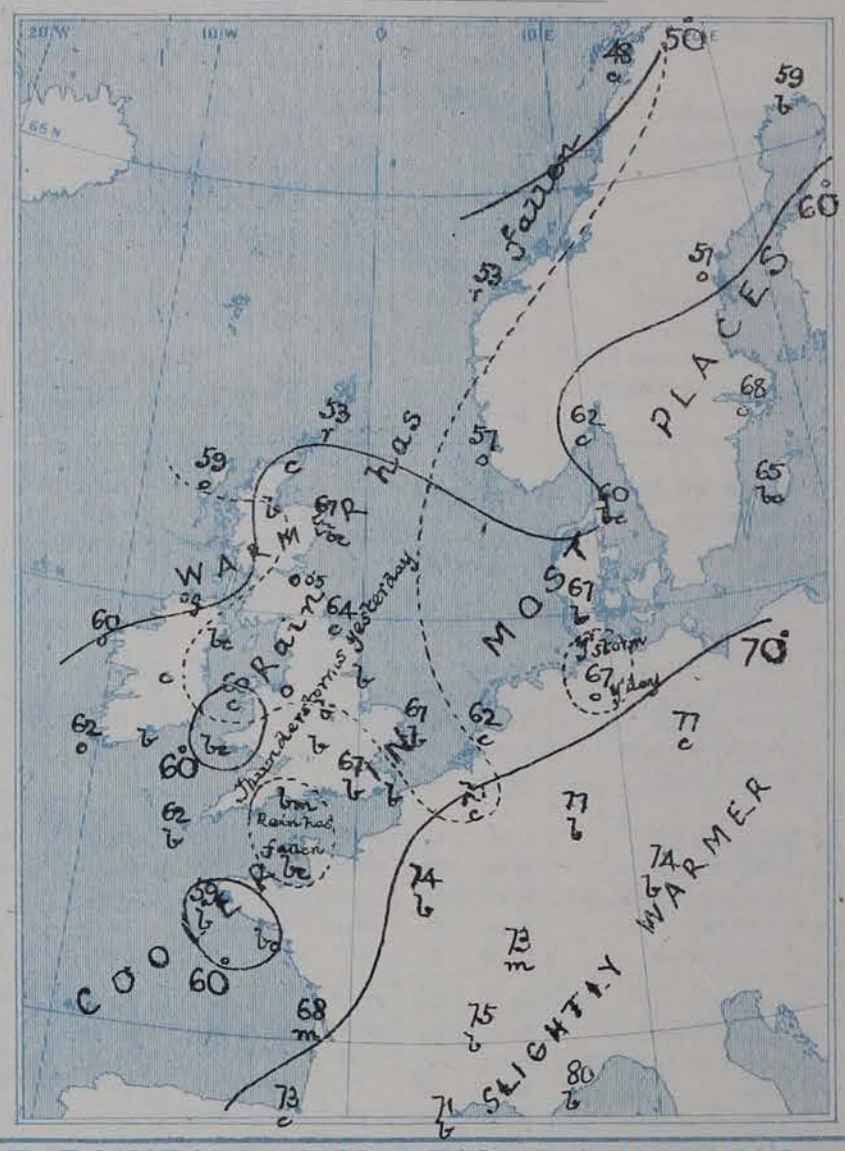


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.3 ins. and more to 30.2 ins. in an anticyclone of rather irregular form lying over the S.rn half of our Islands, the NW.rn, central and SE.rn parts of France, the N. of Italy and a part of Austria.
Lowest 29.9 ins. and less in a shallow depression over Norway.
Gradients over our Islands and France slight.
Barometer rising except in Norway and Sweden.

TEMPERATURE

Highest 80° at Nice, 75° at Lyons, 77° at Berlin, 74° at Paris, 67° in London & at Fano 65° at Hesby.
Lowest 48° at Bodö, 53° at Christiansund and Stornoway H.R. 58° at Malin H.R. 59° at Karlstad.
The maxima recorded yesterday were very high; viz 98° at Paris, 92° at Brussels, 91° at Berlin, 95° at Frankfort; 92° in London 80° at Loughborough, 78° at Cosford.

WIND

Light W.ly and NW.ly over England and SW.ly in Ireland, rather fresher from W. in Scotland, and from SW. in the south of Norway. In the southwest and south of France the wind was very light from NE. and E.
A Whirlwind passed over many parts of our S.rn and E.rn countries yesterday.

WEATHER

Dull in Norway, with rain at Christiansund, and dull on the NW coasts of Ireland and Scotland; very fine elsewhere.
There were thunderstorms in several parts of England yesterday, and lightning was seen over London in the evening.
Bright Sunshine yesterday amounted to more than 13 hrs. at our S. coast stations, but to only 3.4 hrs. at Aberdeen, and 0.4 hrs. at Valencia.

SEA

Very little disturbed except in the far N.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A continuation of the fine bright warm weather is probable over England and France.

FORECASTS

For the 24 hours ending at NOON on 18TH JULY 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W.ly and SW.ly winds, showery at times, some thunder.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W.ly winds, a few slight showers, but improving.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Same as No. 2.
5	ENGLAND SOUTH	NW.ly to SW.ly winds, light, fine, very warm.
6	SCOTLAND WEST	Same as No. 0 and 1.
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	Same as No. 5.
9	IRELAND NORTH	SW.ly winds, light to moderate, fine.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·17	65	62	NNW	2	b	1
Sumburgh Head	30·00	53	53	SE	4	r	5
Stornoway... ...	29·90	62	59	WSW	3	o	3
Aberdeen	29·97	57	56	SSE	2	ogp	3
Shields	30·02	64	61	SW	2	r	2
Malin Head ...	29·99	63	61	W	3	b	3
Blacksod Pt. ...	30·00	64	61	WSW	4	b	3
Holyhead	30·07	63	60	SW	2	be	1
Valencia	30·09	64	61	WSW	2	o	4
Scilly	30·12	65	62	WNW	2	b	1
Jersey	30·08	74	66	W	3	o	3
Portland Bill ...	30·07	65	64	SE	1	op	2
Dungeness ...	30·04	81	72	ENE	2	b	2
London (Westminster)	30·03	90	72	SSE	4	be	*
Yarmouth ...	30·05	69	65	SE	2	b	2
Rochefort ...	30·09	81	73	NW	1	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.

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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 18th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	29.77	56	2	0	c	29.87	+ .06	55	49	— 4	ENE	2	0	•	c	•	64	48	0.08
	Hernösand	29.80	53	2	0	0	29.89	— .06	59	54	+ 2	2	0	b	•	0	•	61	50	0.24
	Stockholm	29.77	60	W	4	r	29.92	— .02	57	55	— 11	WNW	4	0	•	r	•	72	57	0.04
	Wisby	29.82	63	W	4	t	29.93	— .04	61	57	— 4	N	6	0	•	t	•	66	59	0.10
	Karlstad	29.82	62	W	2	b	30.02	+ .12	58	53	— 1	NW	4	bc	•	br, bc	•	•	•	0.12
	Bodö	29.97	53	2	0	c	29.94	— .05	53	49	+ 5	2	0	c	0	c	•	54	46	0.08
	Christiansund ...	30.00	54	WSW	2	c	29.94	+ .07	53	51	0	E	3	r	2	c	•	55	48	0.16
	Skudesnaes ...	30.12	55	W	4	0	30.07	+ .14	60	58	+ 3	SSE	6	0	3	0.f	•	60	54	•
	Færder (X'iania Fjord)	29.89	57	WNW	4	b	30.08	+ .20	64	60	+ 2	W	2	c	1	b	•	66	61	—
	The Scaw (Skagen)	29.96	59	W	4	0	30.08	+ .11	62	58	+ 2	NW	5	bc	1	0	•	66	59	—
	Fano	30.19	59	WNW	6	c	30.22	+ .21	62	59	— 5	W	4	b	•	c	•	67	57	—
British Islands	Sumburgh Head ...	29.97	55	SW	2	0	29.83	— .09	58	57	+ 5	WSW	4	0	5	0	•	62	53	0.13
	Stornoway	29.98	62	SW	4	0	29.86	— .13	58	57	— 1	SW	5	r	5	0	0.7	62	53	0.12
	Wick	29.99	62	W	3	0	29.87	— .14	65	62	+ 3	S	2	c	1	0	•	70	57	—
	Nairn	30.03	64	WSW	4	c	29.93	— .09	66	62	+ 2	W	4	bc	2	c	•	70	59	—
	Aberdeen	30.08	70	WSW	2	bc	29.98	— .08	70	64	+ 3	SW	4	bcq	3	bc	?	74	58	—
	Leith	30.15	68	W	4	c	30.08	— .03	69	63	+ 8	SSW	4	bc	•	c	•	72	60	—
	Shields	30.19	71	W	2	b	30.16	+ .03	62	59	— 2	SSW	3	c	2	bc, b	•	72	55	—
	Spurn Head ...	30.24	65	SSE	2	b	30.21	+ .05	67	64	+ 4	SE	1	bc	0	b	•	71	58	—
	Loughborough ...	30.25	76	WNW	1	b	30.24	.00	64	60	— 2	NW	1	bmw	•	bc, b, bm	•	79	49	—
	Malin Head ...	30.13	62	WSW	3	0	30.02	— .10	63	61	+ 5	SSW	4	bc	3	0	•	64	56	—
	Blacksod Pt. ...	30.17	61	SSW	5	ow	30.10	— .07	59	59	— 1	SSW	6	w	5	0, ow	•	64	56	0.01
	Donaghadee ...	30.21	65	SSW	3	og	30.15	— .04	62	61	0	SW	1	og	2	og	•	69	58	—
	Liverpool (Bidston)	30.28	65	W	1	b	30.20	— .04	65	60	+ 5	2	0	b	1	b	•	69	55	—
	Holyhead	30.29	60	SW	3	b	30.21	— .04	59	57	— 1	SW	2	ow	1	b	•	67	56	—
	Parsonstown ...	30.25	65	W	1	0	30.16	— .11	65	62	+ 4	SE	1	0	•	0	4.1	68	60	—
	Valencia	30.28	61	S	1	ow	30.19	— .09	61	60	— 1	SSE	2	ow	3	og, ow	1.2	63	59	0.01
	Roche's Point ...	30.32	62	WSW	3	0	30.23	— .08	60	60	0	SW	3	f	3	0	•	63	59	—
	Pembroke (St. Ann's Hd.)	30.32	61	NW	2	bc	30.24	— .05	57	56	— 2	2	0	ow	1	bc, f	12.9	64	53	—
	Scilly	30.33	64	NW	3	b	30.20	— .09	62	59	0	ENE	2	b	1	b	13.6	67	59	—
	Jersey (St. Aubin's) ...	30.32	67	NW	3	b	30.20	— .11	70	61	+ 5	SE	1	b	1	b, w	•	70	57	—
	Portland Bill ...	30.29	63	W	2	b	30.23	— .04	65	61	+ 6	ENE	3	bw	3	b	•	70	56	—
	Dungeness	30.28	69	W	2	b	30.26	+ .05	67	62	— 3	2	0	b	1	b	•	75	58	—
	London (Brixton) ...	30.24	80	NW	3	b	30.25	+ .01	71	65	+ 4	SSW	2	b	•	bc, b	13.5	83	58	—
	Oxford	30.26	70	WSW	2	b	30.24	— .02	65	61	+ 3	W	1	b	•	b	•	79	54	—
	Yarmouth	30.25	67	SE	2	b	30.24	+ .05	65	63	— 2	SSE	2	b	2	b	•	71	55	—
Germany	Cuxhaven	30.17	66	W	4	b	30.24	+ .18	63	60	— 4	NW	2	b	•	b	•	68	59	—
	Berlin	30.11	75	WNW	3	b	30.25	+ .22	63	58	— 14	W	3	0	c	b	•	82	57	—
	Frankfürt	30.21	74	NW	2	b	30.27	+ .12	70	64	— 7	NNE	4	b	•	b	•	86	64	—
	Munich	30.32	68	W	5	c	30.32	+ .02	71	66	— 3	2	0	b	•	c	•	86	61	0.04
France & Netherlands	The Helder ...	30.25	64	NW	1	b	30.26	+ .13	69	62	+ 7	SW	1	b	1	b	•	68	59	—
	Brussels	•	•	•	•	•	30.29	+ .11	69	63	— 1	ESE	1	b	•	b	•	80	59	—
	C. Gris Nez ...	30.25	67	NNE	1	bc	30.24	+ .06	?	63	?	NE	?	?	0	bc	•	75	61	—
	Paris	30.23	81	N	2	b	30.24	+ .01	69	64	— 5	NNE	2	w	•	b	•	87	62	—
	Brest	30.31	68	NNW	2	b	30.19	— .12	55	52	— 4	ENE	2	b	1	b	•	70	52	—
	Lorient	30.26	75	WNW	1	b	30.19	— .10	62	58	+ 3	E	3	b	1	b	•	86	57	—
	Rochefort	30.16	73	WNW	3	bc	30.11	— .09	73	67	+ 5	ESE	2	b	•	bc	•	79	66	—
	Belfort	30.20	81	W	2	bc	30.22	+ .02	72	67	— 1	ENE	3	w	•	bc	•	89	63	—
	Lyons	30.19	87	NNE	1	b	30.17	— .08	76	67	+ 1	E	1	b	•	b	•	92	67	—
	Nice	30.15	80	NW	1	b	30.11	— .10	79	64	— 1	E	1	b	0	b	•	88	70	—
	Perpignan	30.19	83	2	0	b	30.14	— .02	78	67	+ 7	SW	2	b	•	b	•	89	67	—
	Biarritz	30.13	74	NNE	2	b	30.01	— .17	80	72	+ 7	ESE	4	b	2	b	•	80	68	—
Span. Pen.	Corunna																•			
	Lisbon														•		•			
	Azores (P. Delgada)	30.29	67	N	4	c	30.19	— .15	68	63	0	NNE	2	bc	2	c	•	73	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 10·0 *hrs.*

WEATHER CHARTS

FOR Wednesday, 18th July, 1900.

BAROMETER, WIND AND SEA.

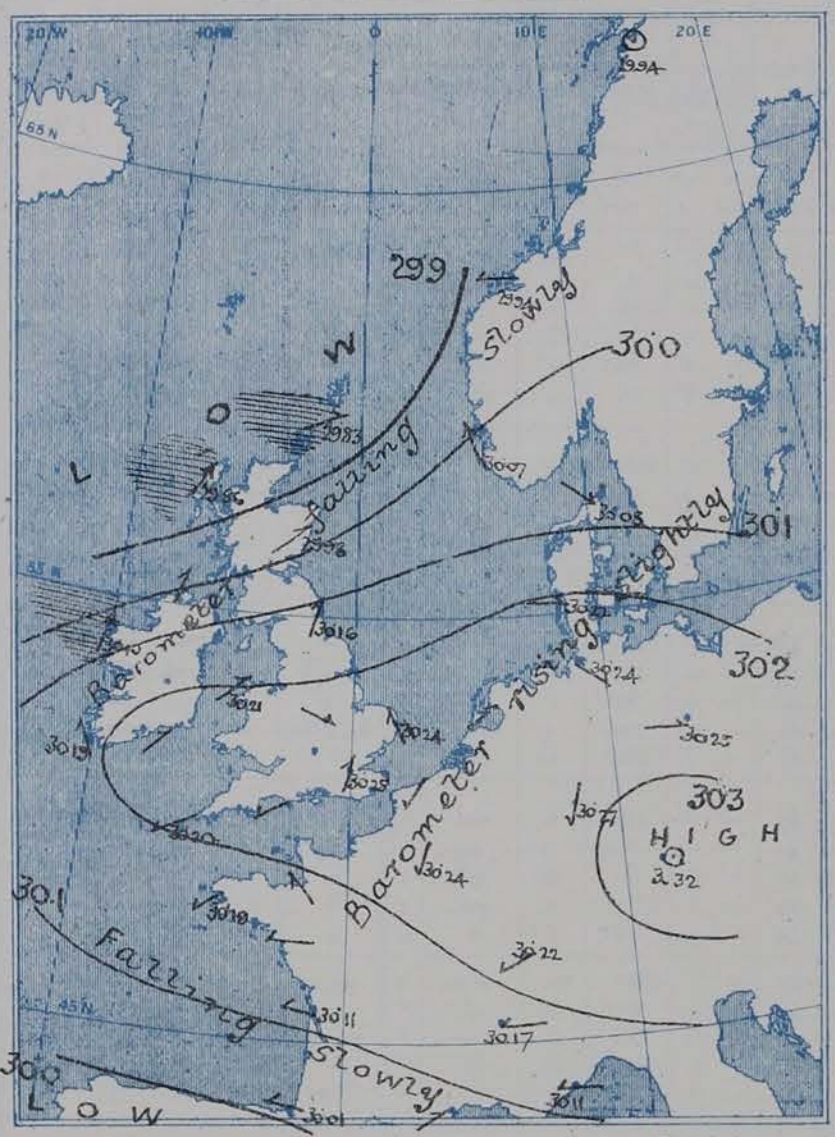
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▩

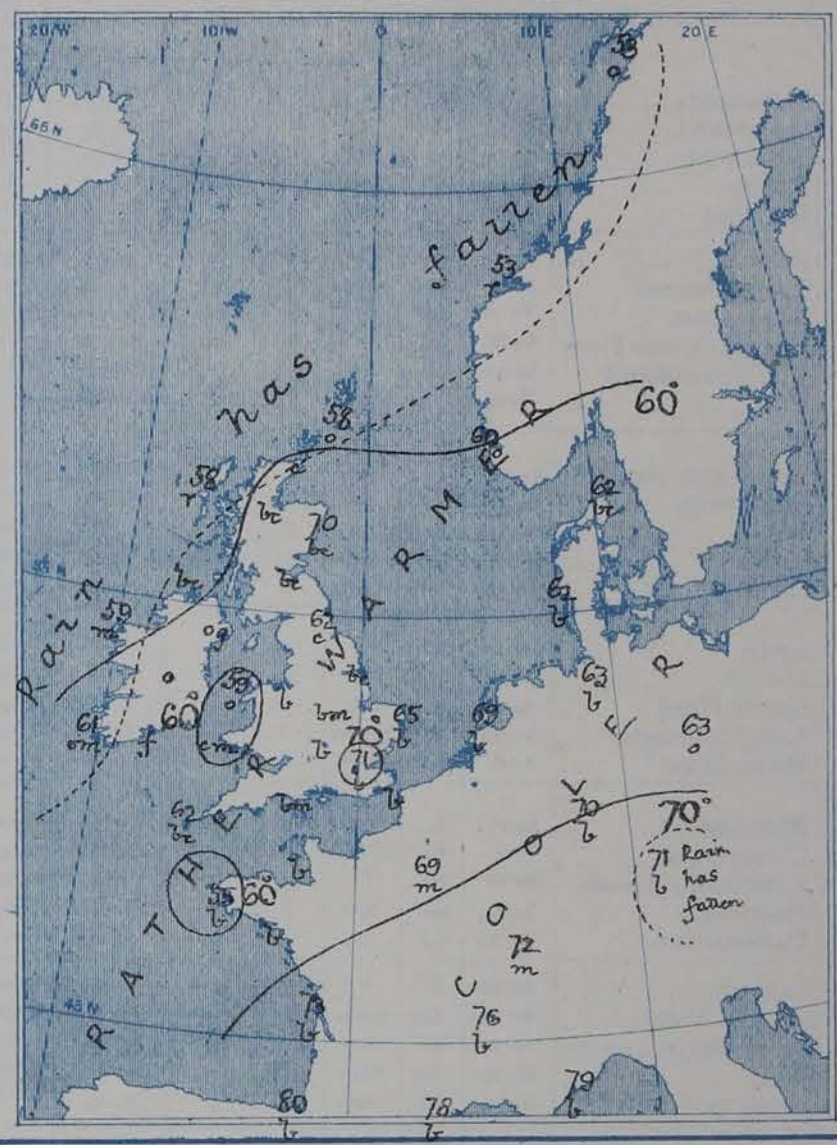


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	29·917	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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.32 ins: at Munich and exceeding 30.1 ins: all over Germany, France the North Sea, England and Ireland.
Lowest (1) 29.9 ins: and less over the Hebrides and Shetlands, (2) below 30.0 ins: over the Spanish Peninsula
Gradients were slight, except over Scotland and the north of Ireland. Barometer was rising over Germany and the east of England, falling on our N. & N.W. coasts, and over the Bay of Biscay.

TEMPERATURE

Highest (1) 80° at Biarritz, 79° at Nice, 76° at Lyons 71° at Munich; (2) 71° in London, 70° at Aberdeen.
Lowest 53° on the northwest coast of Norway, 58° at Dunbugh Head and Stornoway, 59° at Blacksod Pt.
It rose during yesterday to 83° in London, 86° at Frankfurt, 84° at Paris, 89° at Belfort, 92° at Lyons, but fell in the night to 49° at Loughborough (from 79° in the afternoon).

WIND

(1) Southerly and Southwesterly, rather fresh, over Ireland and Scotland, Westerly in Denmark, Southerly to Easterly in Norway.
(2) Northeasterly to Easterly, moderate, over France and the Bay of Biscay.
(3) Nearly calm over England, the Netherlands and North Germany.

WEATHER

Fine over Germany, France and nearly the whole of Great Britain, dull and hazy in the western parts of Ireland, rainy at Stornoway.
A little rain had fallen in the Shetlands, the Hebrides and the west of Ireland.
Bright sunshine recorded yesterday exceeded 13 hours in many places.

SEA

Rather rough in the extreme north and northwest, slight to calm elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Two low-pressure systems are found in our area, one in the extreme southwest, the other in the far northeast, so that Easterly breezes are likely to continue over the southern parts of our area, and Southwesterly to Westerly in the north and west. Fine warm weather is likely to continue over Great Britain, France, Germany and the North Sea.

FORECASTS

For the 24 hours ending at NOON on JULY 19TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Westerly winds, fresh; some rain showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Southwesterly winds, moderate; fine, warm.
3	ENGLAND EAST	Same as No: 5.
4	MIDLAND COUNTIES	Same as No: 2.
5	ENGLAND SOUTH	Southeasterly and Easterly winds, moderate; fine, warm.
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Easterly winds, light; fine.
9	IRELAND NORTH	Same as No. 0.
10	IRELAND SOUTH	Southeasterly winds, light; hazy, a little rain in places.
	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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·03	57	55	NW	4	0	2
Sumburgh Head	29·97	59	58	W	3	0	4
Stornoway... ...	30·00	61	59	SW	6	0	6
Aberdeen	30·06	71	61	SSW	2	bc	2
Shields	30·19	72	62	W	3	bc	2
Malin Head ...	30·14	64	60	SW	4	0	4
Blacksod Pt. ...	30·19	62	60	SSW	5	0	4
Holyhead	30·29	66	60	SW	3	b	2
Valencia	30·31	62	60	SSW	2	09	2
Scilly	30·33	65	61	NW	2	b	1
Jersey	30·35	68	61	WNW	4	b	3
Portland Bill ...	30·31	65	62	WSW	2	b	2
Dungeness ...	30·28	70	64	SSE	2	b	1
London (Westminster)	30·25	78	65	W	2	bc	*
Yarmouth ...	30·25	70	68	NNE	3	b	3
Rochefort ...	30·20	77	72	WNW	3	b	*

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

Weather in morning fine and bright over the British Islands, France and Spain, and over many parts of Central and northern Europe, dull in the west of Ireland, rainy in the Shetlands and west of Norway. A little rain later in the extreme west of Ireland, the Hebrides, Shetlands and northwest of Norway; a slight fall at Munich also; fog or haze in the west.

Temperature in morning highest (1) 84° at Toulon, 80° at La Calle, Barcelona and Nice. Above 70° in several parts of Central France and North Germany. Lowest 48° at Bodö, 51° at Archangel, 53° at Christiansund and Sumburgh Head, 59° at Skudesnaes, 58 at Malin Head, 59° at Stornoway and Karlstad. Rising later to 79° at Loughborough and Oxford, to 83° in London, 86° at Frankfurt and Munich, 84° at Paris, 89° at Belfort, 92° at Lyons.

Wind (1) light and imperfectly anticyclonic, over the southern parts of our Islands, France, South Germany and the north of Spain; (2) Southwesterly, moderate to fresh, on our northwest coasts, Westerly in the north, very variable but moderate to strong over Northern Europe; Northeasterly over the south of Portugal. A Southerly breeze in Ireland later, and a WSW. wind at Lisbon; Southwesterly at our extreme northern stations and at Christiansund.

Barometer Highest (1) 30·3 inches and more over Brittany and Jersey and also at Munich, and exceeding 30·1 inches all over Ireland, England, the Bay of Biscay, France, Germany and Southeastern Europe. Lowest 29·7 inches and less over the north of Russia; 29·9 ins: and less over Norway and adjacent parts of the Atlantic. Barometer rising in our Islands, falling over northern Europe, but beginning to fall again in the west of Ireland later. The anticyclone in southwest moving eastward.

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 (haze); 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 19th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. 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	29.54	52	S	2	b	29.82	−.05	55	54	0	S	2	r	•	b	•	66	50	0.04
	Hernösand	29.93	59	S	2	o	29.82	−.07	64	60	+ 5	SW	2	o	•	o	•	68	50	—
	Stockholm	30.03	64	SW	2	c	30.00	+.08	67	62	+ 10	SW	4	bc	•	o	•	72	52	—
	Wisby	30.07	62	SSW	4	b	30.09	+.16	64	61	+ 3	W	4	b	•	b	•	64	55	—
	Karlstad	30.00	68	S	4	b	29.99	−.03	67	63	+ 9	SW	4	b	•	b	•	•	•	—
	Bodö	29.92	49	SW	4	o	29.85	−.09	48	48	— 5	SW	3	r	2	o	•	54	46	—
	Christiansund ...	29.73	58	E	o	r	29.87	−.07	54	51	+ 1	W	7	bc	4	r	•	61	52	1.14
	Skudesnaes ...	30.04	60	S	6	o	30.03	−.04	60	58	0	S	2	o	2	o	•	62	57	•
	Færder (X'iania Fjord)	29.98	64	SW	4	c	30.00	−.08	64	61	0	SW	6	m	3	c	•	66	63	—
	The Scaw (Skagen)	30.10	62	W	3	o	30.09	+.01	62	60	0	SW	2	m	o	o	•	68	57	—
	Fanö	30.17	62	WSW	1	b	30.14	−.08	65	63	+ 3	SW	2	b	•	b	•	68	59	—
British Islands.	Sumburgh Head ...	29.75	58	WSW	6	r	29.90	+.07	56	55	— 2	WSW	2	r	4	0.r	•	59	50	0.10
	Stornoway	29.86	59	W	6	o	29.96	+.10	57	54	— 1	WNW	4	r	4	r,o	0.3	61	52	0.35
	Wick	29.88	65	SW	5	c	29.96	+.09	60	57	— 5	N	1	bc	1	c.p	•	73	55	002
	Nairn	29.91	69	W	4	c	29.97	+.04	63	60	— 3	W	1	bc	1	c	•	74	58	—
	Aberdeen	29.94	73	SW	2	b	29.99	+.01	67	61	— 3	WSW	1	c	1	b	13.3	75	58	—
	Leith	30.00	71	SW	3	o	30.01	−.07	67	63	— 2	WSW	1	o	•	o	•	77	61	—
	Shields	30.06	71	W	3	b	30.05	−.11	63	61	+ 1	SW	2	m	2	c,b	•	76	56	—
	Spurn Head ...	30.08	66	SSE	4	b	30.06	−.15	64	62	— 3	NE	1	b	0	b	•	69	58	—
	Loughborough ...	30.09	83	WSW	1	b	30.07	−.17	68	62	+ 4	L	0	hmr	•	b,bcm	•	84	52	—
	Malin Head ...	30.00	63	W	5	b	30.02	.00	60	58	— 3	SSW	1	og	1	bc,b	•	71	58	—
	Blacksod Pt. ...	30.07	61	SSW	6	o	30.04	−.06	62	59	+ 3	SSW	4	bc	3	c,o	•	64	56	—
	Donaghadee ...	30.05	69	SW	4	bc	30.05	−.10	61	60	— 1	SSW	1	o	1	bc	•	71	53	—
	Liverpool (Bidston)	30.12	66	NW	1	b	30.06	−.14	65	61	0	L	0	c	?	b	•	75	58	—
	Holyhead	30.12	61	SW	2	b	30.06	−.15	61	59	+ 2	L	0	cm	0	f.b	•	68	54	—
	Parsonstown ...	30.13	70	W	1	o	30.05	−.11	63	61	— 2	NE	1	o	•	o	2.0	71	59	—
	Valencia	30.13	63	S	1	o	30.04	−.15	64	61	+ 3	L	0	o	4	c,o	0.5	67	58	—
	Roche's Point ...	30.14	61	SW	3	o	30.06	−.17	60	59	0	N	2	f	3	o	•	65	56	—
	Pembroke (St. Ann's Hd.)	30.14	63	NW	2	b	30.04	−.20	65	61	+ 8	NE	1	bcm	•	b	9.5	68	54	—
	Scilly	30.15	65	NE	1	b	29.98	−.22	62	60	0	ENE	3	op	0	b	11.9	69	59	—
	Jersey (St. Aubin's) ...	30.10	82	NE	1	b	29.98	−.22	78	68	+ 8	ENE	1	om	1	b	•	84	67	—
	Portland Bill ...	30.13	65	E	2	b	30.02	−.21	71	64	+ 6	NE	3	bm	2	bm	•	71	59	—
	Dungeness	30.19	67	E	3	b	30.05	−.21	67	63	0	E	2	b	2	b	•	75	55	—
	London (Brixton) ...	30.12	81	SW	2	b	30.05	−.20	72	66	+ 1	SW	1	b	•	b,bm	12.9	85	55	—
	Oxford	30.11	73	S	2	b	30.05	−.19	70	62	+ 5	SSW	1	b	•	b	•	83	53	—
	Yarmouth	30.14	70	SSE	3	b	30.07	−.17	65	63	0	SSE	1	b	1	b	•	72	62	—
Germany.	Cuxhaven	30.22	66	N	1	b	30.16	−.08	65	63	+ 2	S	1	b	•	b	•	70	57	—
	Berlin	30.22	71	NW	3	b	30.23	−.02	69	62	+ 6	SE	3	b	•	b	•	77	63	—
	Frankfürt	30.18	72	NE	2	b	30.15	−.12	70	63	0	NE	2	b	•	b	•	84	63	—
	Munich	30.25	72	SE	1	b	30.21	−.11	69	65	— 2	SE	2	b	•	b	•	81	57	—
France & Netherlands.	The Helder ...	30.17	70	L	o	b	30.09	−.17	72	68	+ 3	E	1	b	0	b	•	73	64	—
	Brussels	"	"	"	"	"	30.08	−.21	74	68	+ 5	L	0	b	•	b	•	81	60	—
	C. Gris Nez ...	30.13	68	E	1	b	30.05	−.19	69	64	?	SSE	1	m	0	b	•	77	64	—
	Paris	30.11	84	NE	2	b	30.05	−.19	73	66	+ 4	E	1	b	•	b	•	89	63	—
	Brest	30.08	76	N	1	b	29.91	−.28	75	69	?	ENE	2	c	1	b	•	90	55	—
	Lorient	30.05	90	L	o	b	29.92	−.27	71	68	+ 9	E	3	o	2	b	•	91	57	—
	Rochefort	29.98	81	NW	1	b	29.92	−.19	74	68	+ 1	E	3	bc	•	b	•	?	70	—
	Belfort	30.06	81	ENE	3	c	30.07	−.15	70	65	— 2	ENE	3	m	•	c	•	87	61	—
	Lyons	30.08	86	NNE	1	b	30.06	−.11	75	66	— 1	SSE	1	b	•	b	•	92	65	—
	Nice	30.07	80	L	o	c	30.06	−.05	76	64	— 3	E	1	bc	o	c	•	86	70	—
	Perpignan	30.03	88	SE	1	b	30.05	−.09	72	70	— 6	NE	1	c	•	b	•	95	66	—
	Biarritz	29.93	95	E	2	b	29.93	−.08	70	69	— 10	WSW	4	o	2	b	•	100	68	—
Span. Pen.	Corunna																•			
	Lisbon	30.06	68	WSW	4	c	30.08	+.13	71	65	+ 1	NW	3	bc	•	c	•	79	66	—
	Azores (P. Delgada)	30.17	66	L	o	b	30.10	−.09	69	65	+ 1	S	4	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 11·8 hrs.

WEATHER CHARTS

FOR Thursday, 19th July, 1900.

BAROMETER, WIND AND SEA.

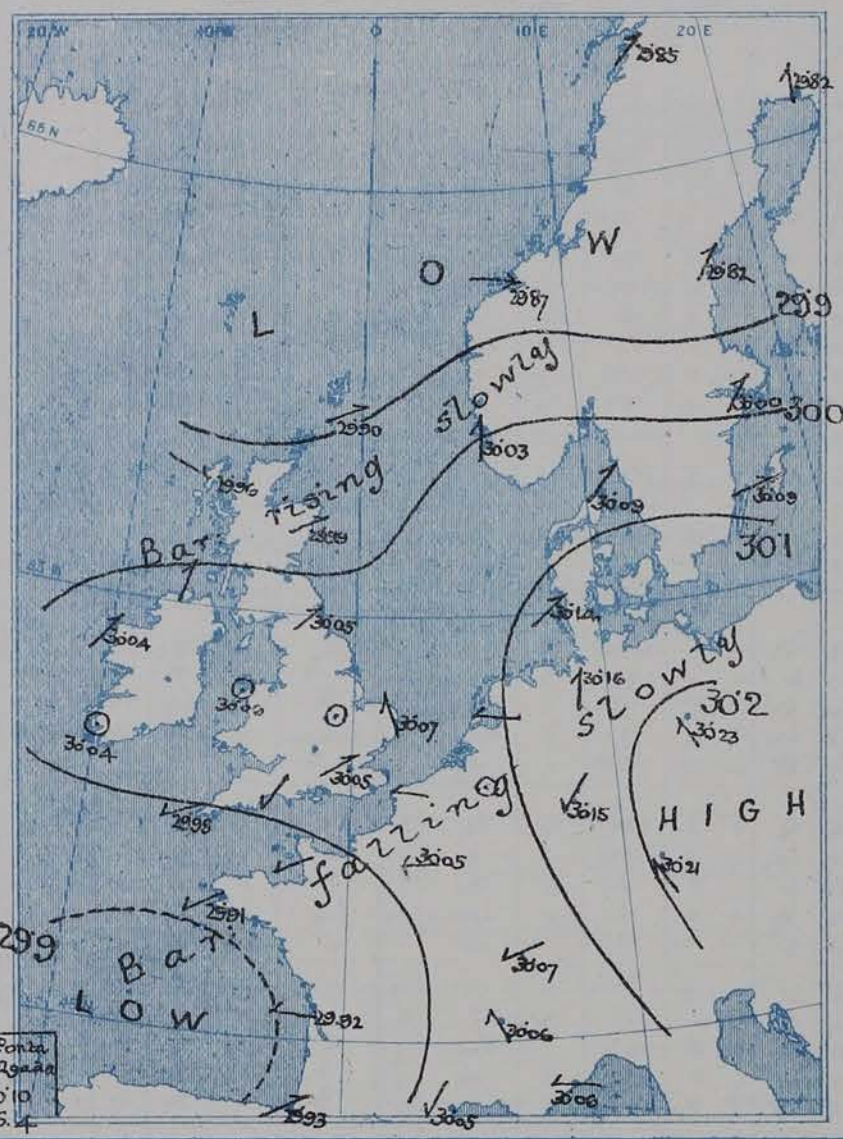
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▩

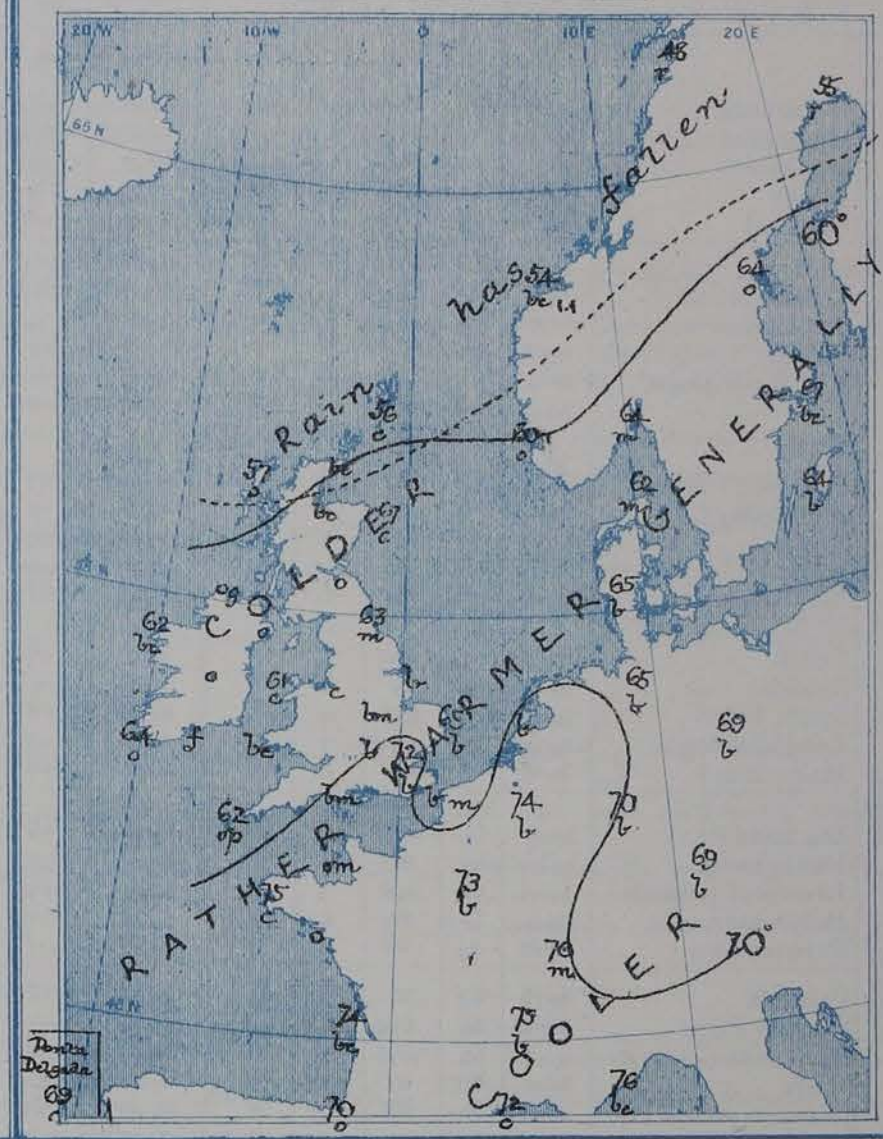


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
Donaghadee	29·880	57·3	55·4	63·2	52·2	84	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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30.2 ins: and more to 30.1 ins: over Germany and the Baltic, (2) exceeding 30.0 ins: in a band stretching thence across England and Ireland.
Lowest 29.9 ins: and less (1) over the northern parts of Scandinavia, (2) over the Bay of Biscay.
Gradients were slight.
Barometer was falling in most places, rising in the extreme northwest of our Islands.

TEMPERATURE

Highest 76° at Nice, 74° at Brussels, 73° at Paris, 72° in London, 76° at Frankfort, 69° at Leith, Aberdeen, Karlstad and Stockholm.
Lowest 48° at Bodö, 52° at Christiansund, 56° at Dunbeath Head, 59° at Blomoway, 60° at Roche's Point.
The maximum readings recorded yesterday were 100° at Biarritz, 95° at Perpignan, 92° at Lyons, 91° at Lorient, 85° in London and 84° at Loughborough.

WIND

(1) Westerly in the north of Scotland, Southwesterly over Scandinavia.
(2) Northeasterly and Easterly over France the Bay of Biscay and the English Channel; (3) very light and variable, or calm, over England and Ireland.

WEATHER

Very fine over the Continents and in many parts of our Islands but dull at many western and northern stations, foggy or hazy in the southwest. A solar halo prevails at Jersey.
Rain has fallen in the north of Scotland and a large quantity at Christiansund.
Bright Sunshine recorded yesterday was very considerable (14 to 11 hours) on the south and west coasts of England, but only 0.5 hour at Valencia, and 0.3 hour at Aberdeen.

SEA

Moderate in the extreme north and west, slight to calm elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the weather is still fine in most places, the general appearance is less settled than of late, and thundershowers are probable in some localities.

FORECASTS

For the 24 hours ending at NOON on JULY 20TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Westerly breezes, light; dull, perhaps some rain
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Very variable light breezes; fine and hot today, but inclined to thunder and shower shortly.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos: 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Northeasterly winds, moderate; fair
9	IRELAND NORTH	Same as Nos: 0 to 2.
10	IRELAND SOUTH	Variable airs, fine generally.
	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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·07	62	59	SSW	6	o	4
Sumburgh Head	29·78	55	55	SW	4	o	5
Stornoway... ...	29·83	60	59	WSW	6	r	6
Aberdeen	29·96	74	66	SSW	3	b	3
Shields	30·11	73	67	W	2	c	2
Malin Head ...	30·00	71	68	SW	4	bc	3
Blacksod Pt.. ...	30·07	62	60	SW	6	cw	5
Holyhead	30·18	61	59	SW	3	f	2
Valencia	30·13	65	62	SW	2	c	3
Scilly	30·15	69	63	ENE.	1	b	0
Jersey	30·17	78	66	ENE	1	b	1
Portland Bill ...	30·19	69	62	SSW	1	b	1
Dungeness ...	30·21	73	65	SSW	1	b	1
London (Westminster)	30·17	83	68	SW	2	b	*
Yarmouth ...	30·18	71	66	SSE	4	b	3
Rochefort ...	30·06	87	77	NW	1	b	*

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

Continental Information will be issued to-morrow.

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 20th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	57	S	0	o	29.71	−.11	58	54	+ 3	W	4	b	•	o	•	68	50	0.20
	Hernösand	29.82	59	S	0	b	29.90	+.08	60	53	− 4	W	2	b	•	b	•	72	55	0.08
	Stockholm	29.96	73	WSW	2	b	29.98	−.02	69	65	+ 2	W	6	b	•	b	•	82	55	—
	Wisby	30.03	68	SSW	4	b	30.08	−.01	67	62	+ 3	W	6	b	•	b	•	77	55	—
	Karlstad	29.99	66	SSW	6	b	30.04	+.05	66	54	− 1	W	2	b	•	b	•	•	•	—
	Bodö	29.72	50	SW	4	r	29.60	−.25	47	45	− 1	SSW	4	r	3	r	•	50	45	0.55
	Christiansund ...	29.86	56	W	9	b	30.06	+.19	50	49	− 4	W	9	r	5	b	•	59	48	—
	Skudesnaes ...	30.06	57	W	2	r	30.25	+.22	58	55	− 2	N	4	c	1	0.r	•	62	52	•
	Færder (X'iania Fjord)	29.94	64	SW	4	m	30.08	+.08	65	58	+ 1	W	2	b	2	m	•	66	60	—
	The Scaw (Skagen)	30.02	62	W	1	m	30.11	+.02	62	61	0	SSE	3	m	0	m	•	73	61	—
	Fanö	30.08	63	S	0	b	30.13	−.01	68	65	+ 3	NE	2	b	•	b	•	73	57	—
	Sumburgh Head ...	29.98	56	W	3	b	30.23	+.33	54	50	− 2	E	1	c	2	b	•	60	56	—
	Stornoway	30.07	64	NW	4	bc	30.16	+.20	56	54	− 1	ENE	3	c	3	bc	13.8	65	50	0.02
	Wick	30.04	60	NNW	1	bc	30.22	+.26	58	54	− 2	E	2	b	1	bc	•	65	44	0.01
	Nairn	30.07	63	E	1	c	30.19	+.22	56	54	− 7	L	0	0	0	c	•	66	47	0.03
	Aberdeen	30.07	57	NE	4	ogq	30.23	+.24	59	55	− 10	NE	2	og	2	op. ogq	0.3	70	54	0.04
British Islands	Leith	30.04	68	W	2	c	30.16	+.15	51	56	− 10	NE	4	o	•	c	•	77	55	—
	Shields	30.03	70	E	1	bcm	30.14	+.09	63	62	0	NE	3	c	2	c. bcm	•	72	57	—
	Spurn Head ...	30.02	68	ESE	4	b	30.10	+.04	64	61	0	NNE	3	bc	2	b	•	74	58	—
	Loughborough ...	29.98	84	E	1	bc	30.05	−.02	72	65	+ 4	ESE	3	bcm	•	b. bc, cm	•	89	63	—
	Malin Head ...	30.05	60	NE	2	og	30.05	+.03	55	57	− 2	E	2	cmp	2	og	•	62	56	0.01
	Blacksod Pt. ...	30.04	63	N	4	o	30.00	−.04	62	60	0	NE	4	c	4	c, o	•	66	58	0.03
	Donaghadee ...	30.06	59	NNW	2	og	30.04	−.01	57	56	− 4	N	3	c	3	o	•	66	54	—
	Liverpool (Bidston)	30.02	66	NNW	1	c	29.98	−.08	70	66	+ 7	E	4	bc	3	c	•	74	64	—
	Holyhead	30.02	69	NE	1	ct	29.94	−.12	68	64	+ 7	E	2	cft	1	c, ct	•	68	59	—
	Parsonstown ...	29.94	71	W	1	o	29.90	−.15	61	60	− 2	W	1	r	•	o, rt	2.4	74	60	0.33
	Valencia	29.93	67	S	0	od	29.88	−.16	66	62	+ 2	SSE	2	o	0	c, od, p	2.2	70	?63	0.15
	Roche's Point ...	29.94	66	SE	1	ctl	29.80	−.26	62	60	+ 2	SSE	3	otl	3	o, ctl	•	68	60	0.25
	Pembroke (St. Ann's Hd.)	29.92	72	NE	4	c	29.92	−.24	61	60	− 4	SW	1	f	2	c, l	5.4	73	60	—
	Scilly	29.81	69	E	5	c	29.88	−.10	62	60	0	SE	2	a	1	tlr, ctl	3.8	72	60	0.22
	Jersey (St. Aubin's) ...	29.88	83	ENE	2	og	30.02	+.04	65	63	− 13	SW	4	c	3	c, ogt	•	87	62	—
	Portland Bill ...	29.95	69	ENE	4	bcm	29.98	−.04	60	60	− 11	WNW	1	ft	2	cm	•	74	58	—
	Dungeness	29.99	69	E	3	b	29.97	−.08	68	65	+ 1	E	4	bc	3	b	•	76	64	—
	London (Brixton) ...	29.97	86	ESE	3	b	30.00	−.05	74	68	+ 2	ENE	3	bc	•	b, clp, bc	11.0	92	64	0.01
	Oxford	29.96	80	E	2	b	29.98	−.07	75	66	+ 6	E	2	b	•	b. bc	•	90	62	—
	Yarmouth	30.01	70	SE	1	b	30.06	−.01	66	63	+ 1	NE	3	b	2	b	•	70	62	—
Germany	Cuxhaven	30.07	75	NNW	1	b	30.09	−.07	70	67	+ 5	SE	1	b	•	b	•	79	61	—
	Berlin	30.12	78	SE	2	b	30.14	−.09	73	66	+ 4	SE	1	b	•	b	•	86	66	—
	Frankfurt	30.05	75	E	2	b	30.10	−.04	74	66	+ 4	ENE	2	b	•	b	•	?	66	—
	Munich	30.16	70	SE	2	b	30.21	.00	68	64	− 1	SE	1	b	•	b	•	82	55	—
France & Netherlands	The Helder ...	30.04	73	ENE	1	b	30.04	−.05	73	71	+ 1	NE	1	b	0	b	•	77	64	—
	Brussels	•	•	•	•	•	30.02	−.06	82	72	+ 8	ESE	1	b	•	b	•	89	64	—
	C. Gris Nez ...	29.98	70	E	1	m	29.96	−.09	70	64	+ 1	SE	2	m	1	m	•	81	63	—
	Paris	29.94	90	ENE	2	b	29.98	−.07	79	70	+ 6	SE	1	b	•	b	•	95	68	—
	Brest	29.91	64	SW	1	a	29.96	+.05	63	61	− 12	NW	3	bc	3	c	•	82	59	—
	Lorient	29.93	66	W	4	o	30.02	+.10	65	?	− 6	SSW	3	c	1	o	•	91	63	—
	Rochefort	29.92	72	W	3	b	30.03	+.11	69	66	− 5	NW	3	b	•	c, b	•	84	66	—
	Belfort	29.96	82	ENE	1	m	30.02	−.05	72	66	+ 2	L	0	m	•	m	•	90	66	—
	Lyons	29.97	86	SE	1	bc	30.09	+.03	75	62	0	SE	1	b	•	bc	•	94	68	—
	Nice	30.06	74	ENE	3	c	30.10	+.04	79	66	+ 3	E	1	b	1	c	•	93	70	—
	Perpignan	30.02	71	NE	2	c	30.09	+.04	75	70	+ 3	L	0	c	•	c	•	78	68	—
	Biarritz	29.92	74	N	2	c	30.01	+.08	73	71	+ 3	L	0	bc	1	c	•	79	70	—
Span. Pen.	Corunna														•		•			
	Lisbon														•		•			
	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 8.7 hrs.

WEATHER CHARTS

FOR Friday. 20th July, 1900.

BAROMETER, WIND AND SEA.

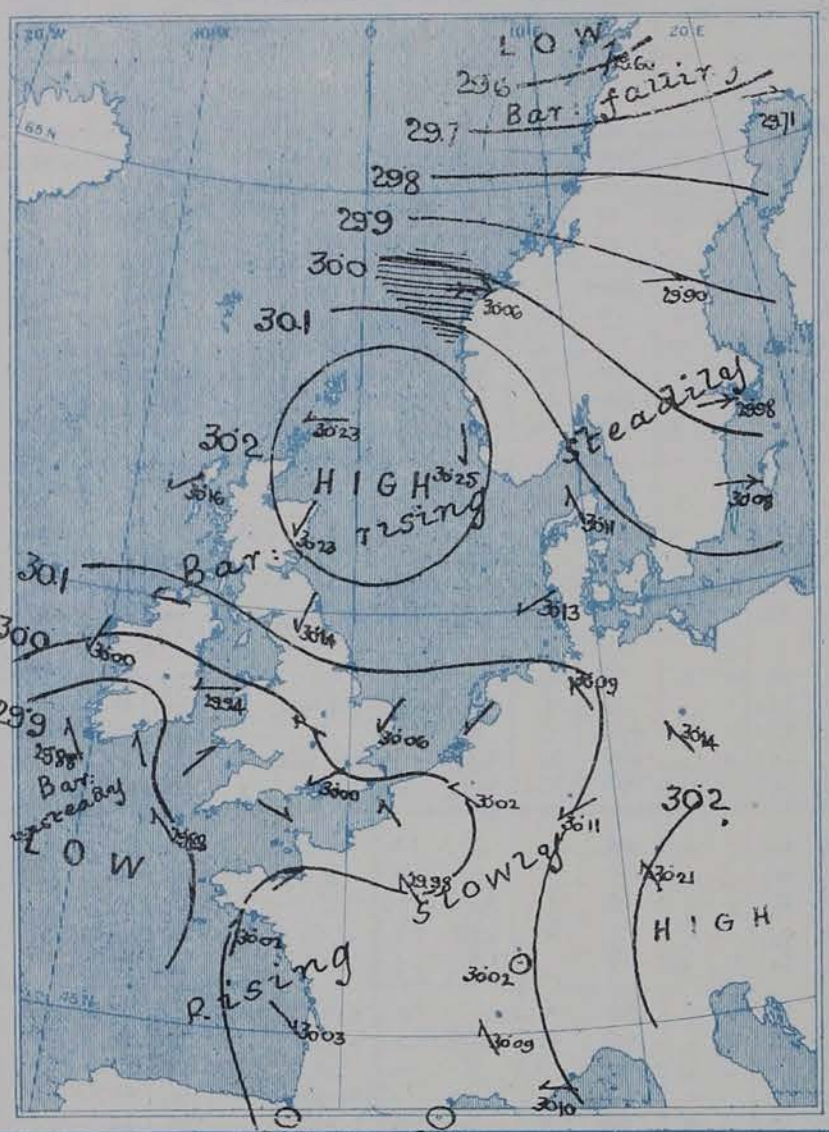
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

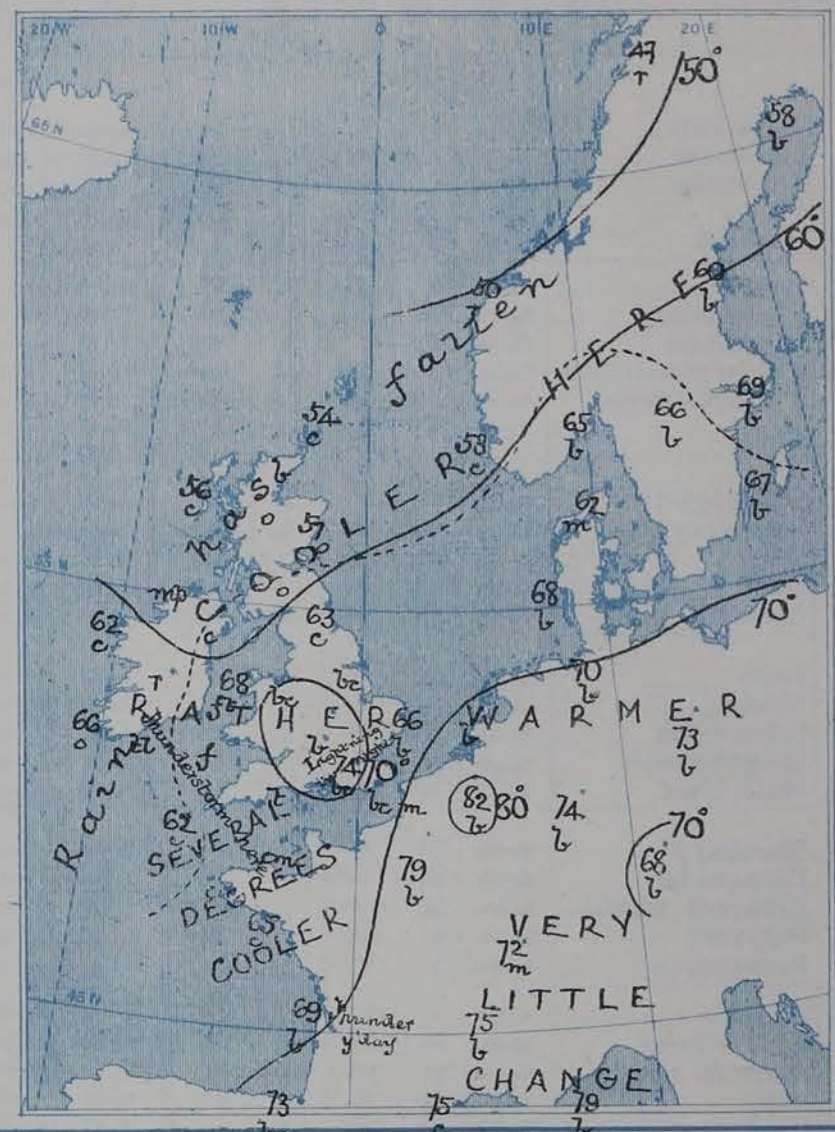


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.2 ins: and more in the E. of Scotland, and S.W. of Norway, 30.2 ins: at Munich, & exceeding 30.1 ins: over Scotland the greater part of the North Sea, and the whole of Germany. Lowest 29.90 ins: at Bodö, (2) 29.90 ins: at Roches Pt. and below 30.04 ins: in a very irregularly-formed set of disturbances over the S. of Ireland, the Bay of Biscay, the English Channel and Belgium. Gradients were moderate, but very complex. Barometer was rising in Scotland and Norway, falling irregularly elsewhere.

TEMPERATURE — Highest 82° at Brussels, 79° at Paris, 75° at Lyons, 74° both at Frankfurt and in London, 75° at Oxford, 72° at Loughborough. Lowest 49° at Bodö, 50° at Christiansund, 54° at Scarborough Head, 56° at Stornoway and Nain. The maxima recorded yesterday were 89° at Loughborough, 90° at Oxford, 92° in London, 95° at Paris, 94° at Lyons, 93° at Nice, 86° at Berlin.

WIND — (1) Westerly over the greater part of Scandinavia, strong to a gale in force; (2) Northeasterly to Northerly over the northern and eastern parts of our Islands, Easterly in the south of England; (3) Southerly to Westerly over France.

WEATHER — Fine over the greater part of the Continent and the east of our Islands, dull and unsettled at our western and northern stations with rain and thunder in several places. Thunder or lightning, or both of them, occurred over all our southwestern and southern districts last night; but the Bright Sunshine recorded yesterday was very large on the southeast coasts of England and at Stornoway, much less elsewhere.

SEA — Slight & smooth, except at Blackrod Pnt.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The unsettled thundery weather in the southwest seems likely to reach the southeast of England during the day, and showery weather to become more general than at present.

FORECASTS

For the 24 hours ending at NOON on JULY 21ST 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Northeasterly winds; dull, close, rain in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Easterly and varying winds; fine and hot; then thunder-showers, and cool.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos: 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Southwesterly and Westerly winds; thundershowers.
9	IRELAND NORTH	Very variable winds; thunder and 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·04	62	59	L	0	o	1
Sumburgh Head	29.95	59	56	WSW	4	b	4
Stornoway... ...	30·02	65	56	NW	3	bc	4
Aberdeen	30·01	63	60	NNE	2	cp	1
Shields	30·02	70	62	E.	2	c	2
Malin Head ...	30·04	62	60	WNW	2	o	1
Blacksod Pt. ...	30·05	63	60	WSW	3	c	3
Holyhead	30·04	64	60	N	1	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29.97	69	65	ENE	3	c	3
Scilly	29.86	68	64	NE	5	c	2
Jersey	29.95	83	70	E	1	c	1
Portland Bill ...	29.97	69	66	E	4	cm	3
Dungeness ...	30·02	72	65	E	2	b	1
London (Westminster)	30·00	89	70	SSE	1	bc	*
Yarmouth ...	30·03	70	65	SE	2	b	2
Rochefort ...	29.90	84	74	SW	4	c	*

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

The Continental Information has not been 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.

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 21st July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	55	W	4	bc	29.73	+ .02	55	48	— 3	WNW	4	c	•	bc	•	66	52	—
	Hernösand	30.08	58	W	6	b	30.04	+ .14	56	48	— 4	W	4	bc	•	b	•	68	55	—
	Stockholm	30.08	65	E	4	b	30.09	+ .11	63	57	— 6	NNW	6	b	•	b	•	77	61	—
	Wisby	30.08	69	E	4	b	30.10	+ .02	63	60	— 4	NW	4	b	•	b	•	75	61	—
	Karlstad	30.08	69	W	2	b	30.18	+ .14	60	52	— 6	NW	2	b	•	b	•	•	•	—
	Bodö	29.78	46	SW	6	r	29.93	+ .33	49	45	0	WNW	6	o	3	r	•	48	43	1.10
	Christiansund ...	30.19	50	W	9	o	30.29	+ .23	50	47	0	W	4	r	5	o	•	54	48	0.12
	Skudesnaes ...	30.28	56	N	6	b	30.29	+ .04	51	52	— 1	N	6	bc	2	b	•	61	50	•
	Færder (X'iania Fjord)	30.12	68	WSW	1	b	30.23	+ .15	60	51	— 5	N	4	b	2	b	•	68	57	—
	The Scaw (Skagen)	30.17	60	W	1	bc	30.19	+ .08	62	56	0	NE	4	bc	1	bc	•	70	54	—
	Fanö	30.19	63	N	3	b	30.19	+ .06	65	58	— 3	NE	2	b	•	b	•	79	57	—
British Islands.	Sumburgh Head ...	30.32	54	E	1	b	30.32	+ .09	54	52	0	NE	3	bc	4	b	•	57	45	—
	Stornoway	30.15	65	ESE	5	c	30.11	— .05	58	54	+ 2	SSE	5	o	5	b.c	14.4	68	52	—
	Wick	30.26	58	SE	3	c	30.26	+ .04	57	55	— 1	SE	4	c	3	c	•	62	53	—
	Nairn	30.19	59	E	1	o	30.20	+ .01	58	56	+ 2	E	2	c	1	o	•	61	51	0.04
	Aberdeen	30.28	55	NE	2	cg	30.24	+ .01	54	53	— 3	NE	3	cp	4	cp.cg	0.1	58	53	0.07
	Leith	30.17	56	ENE	5	o	30.14	— .02	57	56	0	NE	4	cpq	•	o	•	58	55	0.09
	Shields	30.15	60	ENE	2	cm	30.09	— .05	59	57	— 4	NE	3	o	3	bc.cm.p	•	66	56	—
	Spurn Head ...	30.05	61	ENE	5	c	30.08	— .02	66	64	+ 2	SW	3	c	3	c.tlr	•	68	57	0.53
	Loughborough ...	30.05	66	2	o	t	30.10	+ .05	66	63	— 6	SW	2	o	•	tlp.rf	•	81	60	1.05
	Malin Head ...	29.99	58	E	5	cm	29.99	— .06	58	57	0	ESE	5	ogm	3	cm.cm	•	62	57	—
	Blacksod Pt. ...	29.91	65	N	3	c	29.97	— .03	62	60	0	SW	4	mw	3	o.c	•	65	59	—
	Donaghadee ...	30.00	60	E	4	o	30.01	— .03	57	56	0	ENE	4	o	5	br.o.tl	•	64	55	0.05
	Liverpool (Bidston)	30.00	73	E	2	o	30.04	+ .06	71	64	— 1	ESE	1	c	2	o	•	80	62	0.01
	Holyhead	30.00	64	WSW	1	cftp	30.02	+ .08	62	61	— 6	S	2	cmp	1	cft.tsf	•	76	60	0.09
	Parsonstown ...	29.99	70	SE	1	c	29.98	+ .08	64	63	+ 3	W	1	o	•	c	3.9	73	60	0.08
	Valencia	29.90	65	2	0	cm	30.01	+ .13	62	61	— 4	SSE	1	cmd	2	cm	1.5	70	60	0.01
	Roche's Point ...	29.93	64	SE	3	cm	30.03	+ .13	62	61	0	SW	3	of	3	of.cm	•	65	59	0.15
	Pembroke (St. Ann's Hd.)	29.98	63	S	3	o	30.03	+ .11	61	60	0	SW	4	o	4	o.fz	6.8	66	59	0.10
	Scilly	29.90	63	SSE	5	m	30.07	+ .19	61	61	— 1	SW	4	m	3	p.cm	0.6	66	60	0.02
	Jersey (St. Aubin's) ...	30.07	73	S	2	b	30.20	+ .18	66	61	0	SW	4	o	3	bc.b	•	73	62	—
	Portland Bill ...	30.06	64	SSE	1	b	30.13	+ .15	60	60	0	SW	3	cmd	3	f.b	•	68	58	—
	Dungeness	30.01	70	W	3	bc	30.15	+ .18	66	63	— 2	W	2	b	2	bc	•	72	62	—
	London (Brixton) ...	30.01	83	SW	2	bc	30.09	+ .09	68	65	— 6	WSW	2	o	•	b.bc.tl	9.9	91	61	—
	Oxford	30.05	72	SW	2	c	30.11	+ .13	65	62	— 10	S	2	o	•	tlr.c.t	•	83	61	0.04
	Yarmouth	30.04	68	NE	3	b	30.10	+ .04	67	64	+ 1	N	1	bc	3	b.tlr	•	70	62	0.02
France & Netherlands. Germany.	Cuxhaven	30.12	75	N	2	b	30.13	+ .04	70	68	0	E	2	b	•	b	•	81	66	—
	Berlin	30.11	84	2	0	b	30.12	— .02	77	68	+ 4	SSE	1	b	•	b	•	93	70	—
	Frankfurt	30.09	76	2	0	b	30.13	+ .02	74	67	0	E	2	b	•	b	•	93	68	—
	Munich	30.22	74	2	0	c	30.27	+ .06	71	66	+ 3	2	0	bc	•	c	•	82	?	—
	The Helder ...	30.04	74	NE	1	b	30.04	.00	76	73	+ 3	2	0	c	0	b	•	76	70	—
	Brussels	*	*	*	*	*									•		•			
	C. Gris Nez ...	30.01	67	SW	2	b	30.12	+ .16	65	63	— 5	SW	4	b	0	b	•	93	63	—
	Paris	30.02	88	NW	2	o	30.19	+ .21	74	65	— 5	NNW	1	m	•	o	•	100	64	—
	Brest	30.06	63	SW	3	o	30.18	+ .22	62	61	— 1	SW	1	b	2	o	•	70	61	—
	Lorient	30.13	68	SW	3	bc	30.21	+ .19	64	63	— 1	W	2	c	3	bc	•	77	63	—
	Rochefort	30.07	72	WNW	4	b	30.18	+ .15	71	66	+ 2	NE	2	c	•	b	•	75	66	—
	Belfort	30.00	84	W	1	m	30.13	+ .11	76	64	+ 4	W	2	o	•	m	•	94	64	—
	Lyons	30.06	87	ESE	1	b	30.21	+ .12	74	63	— 1	ESE	1	b	•	b.t	•	94	67	—
	Nice	30.12	75	N	6	c	30.17	+ .07	80	67	+ 1	2	0	b	0	c	•	91	70	0.04
	Perpignan	30.12	74	2	0	c	30.21	+ .12	72	70	— 3	2	0	c	•	c	•	82	66	—
	Biarritz	30.06	73	N	3	bc	30.14	+ .13	72	71	— 1	2	0	c	2	bc.tlr	•	79	68	0.12
Span. Pen.	Corunna														•		•			
	Lisbon	30.12	68	N	5	b	30.15	+ .05	71	64	+ 1	N	4	bc	2	b	•	84	64	—
	Azores (P. Delgada)	30.13	72	SSW	5	c	30.22	+ .18	72	71	+ 1	SW	4	f	3	c	•	77	70	0.20

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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 6.3 *hrs.*

WEATHER CHARTS

FOR Saturday, 21st July, 1900.

BAROMETER, WIND AND SEA.

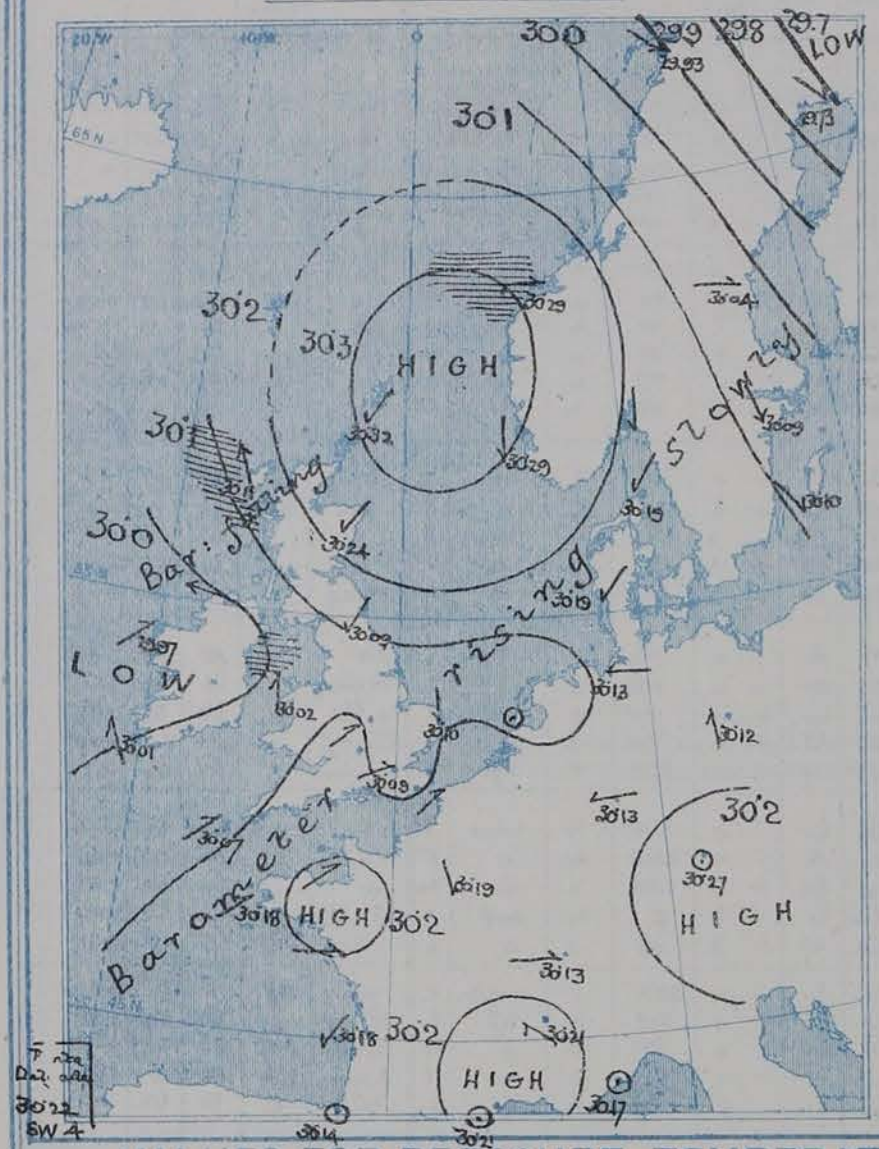
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

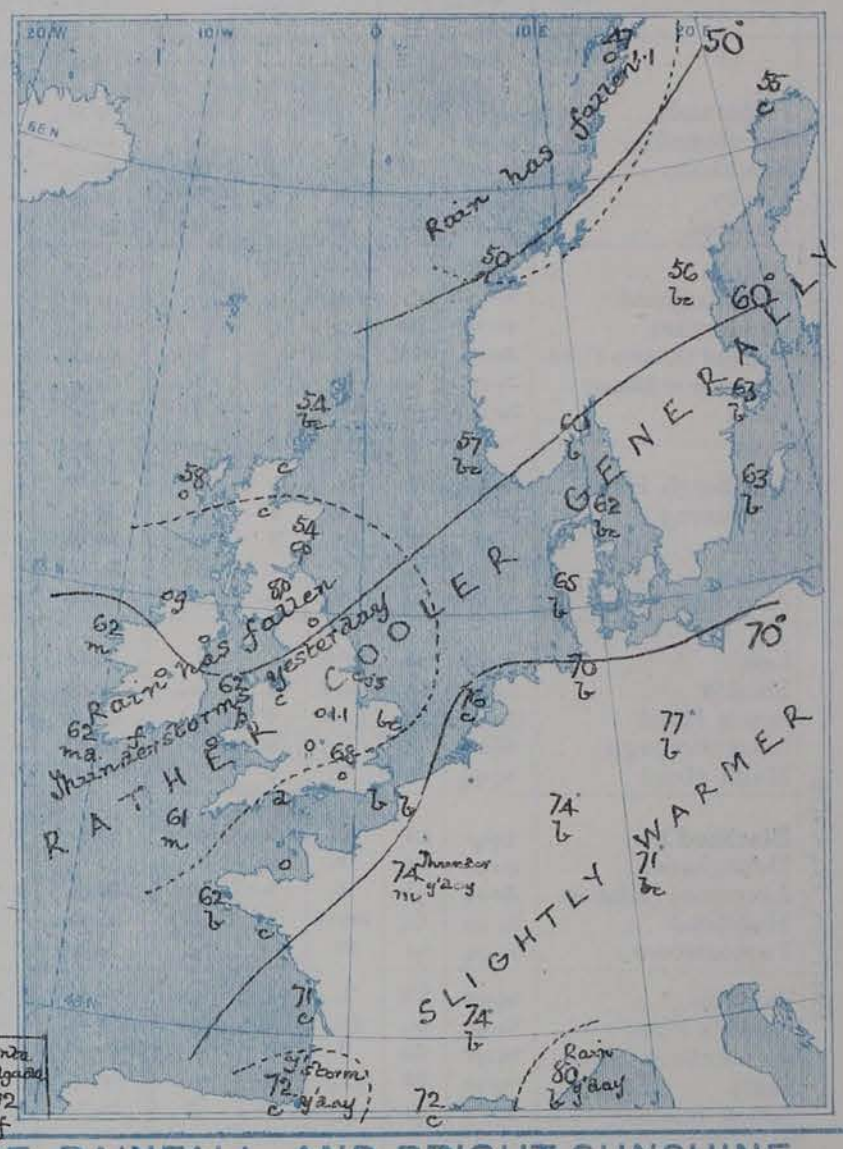


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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	2·80	—	—

* Extremes of temperature at these Stations are from observations made during the 15 years—1881-95. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·3 ins: and more to 30.2 ins: in an anticyclone covering the northeast of Scotland and the southern half of Norway.
Lowest (1) 30.0 ins: and less in a depression over the northern half of Ireland, and below 30·1 ins: in secondaries over the central parts of England and over Holland.
Gradients were variable (slight to moderate) in intensity and very complex in direction. Barometer was falling in the northwest, rising irregularly elsewhere.

TEMPERATURE

Highest 80° at Nice, 77° at Berlin, 76 at Belfort and the Helder 74° at Lyons and Paris, 68° in London, and above 60° over the southern parts of England and Ireland generally, in Denmark and the south of Sweden.
Lowest 49° at Bodö; 50° at Christiansund 54° at Dumbuff Head and Aberdeen, 58° at Malin Head.
The maxima recorded yesterday were 81° at Loughboro', 91° in London, 93° at Berlin, 94° at Lyons and Belfort and (100° at Paris

WIND

Very variable in direction; (1) mainly Southwesterly over the English Channel, England and the southeast of Ireland.
Southeasterly to Northeasterly at our northern stations; (2) anticyclonic and light between Scotland and Norway; (3) cyclonic, Westerly and Northwesterly over Lapland and Sweden.
In London the wind shifted from SE. to SW. yesterday with at that heavy clouds and a few spots of rain.

WEATHER

Fine over the Continent generally; cloudy and changeable over our Islands as a whole, unsettled in the northwest and north.
Rain fell at many of our stations yesterday – heavily at Loughborough. thunderstorms occurred almost all over England as well as at Paris and Biarritz; lightning at Lyons.
Bright Sunshine yesterday exceeded 12 hours on our southeast coasts, and 14½ hours at Stornoway, but was much slighter over Ireland and the northern parts of our Islands as a whole.

SEA

Rather rough at some of our northern stations, moderate at Pembroke, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather is apparently becoming fine again over the southern parts of our area, but showers and thunderstorms are still probable over the northern parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on JULY 22ND 1900

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Northeasterly to Southeasterly winds, moderate; some rain and thunder.	6	SCOTLAND WEST	Southeasterly to Southwesterly winds, moderate; close, some Thundershowers.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.	Southwesterly winds, moderate to light; fair as a whole.	8	ENGLAND S.W.	Same as Nos: 2 to 5.
3	ENGLAND EAST		9	IRELAND NORTH	Southwesterly winds; some Thundershowers, then fine.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·27	61	56	N	4	b	1
Sumburgh Head	30·30	56	51	E	1	b	1
Stornoway... ...	30·17	67	61	ENE	5	b	5
Aberdeen	30·27	56	54	NE	3	o	3
Shields	30·17	64	62	ENE	2	bc	2
Malin Head ...	30·00	60	58	E	5	o	3
Blacksod Pt.. ...	29·93	65	63	NNE	4	o	3
Holyhead	29·97	67	63	WSW	3	ctf	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	29·89	66	63	L	0	cm	2
Scilly	29·90	65	63	SSE	4	cmp	1
Jersey	30·07	72	66	SSE	2	bc	2
Portland Bill ...	30·06	66	64	SSW	1	f	1
Dungeness ...	30·01	71	66	SSW	2	bc	2
London (Westminster)	29·98	88	75	SW	2	c	*
Yarmouth ...	30·05	70	65	NE	2	b	3
Rochefort ...							*

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* Metecrological 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 Sunday 22nd July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, 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	29.85	48	NW	2	b	29.89	+.16	52	45	−3	N	2	o		b		61	46	–
	Hernösand	30.18	56	WNW	4	c	30.08	+.04	56	48	0	WNW	6	bc		c		64	50	–
	Stockholm	?	58	?	2	b	30.19	+.10	60	52	−3	NNW	2	bc		b		70	57	–
	Wisby	30.18	60	S	4	b	30.17	+.07	63	59	0	W	4	bc		b		70	55	–
	Karlstad	30.17	63	SW	4	b	30.18	.00	59	53	−1	NE	2	b		b				–
	Bodö	30.02	48	W	4	o	30.05	+.12	46	45	−1	WNW	4	o	3	o		48	36	–
	Christiansund ...	30.34	51	W	2	b	30.23	−.06	53	49	−3	ESE	2	b	2	b		55	43	–
	Skudesnaes ...	30.17	61	N	2	b	30.10	−.19	61	58	+4	E	2	b	1	b		66	54	.
	Færder (X'iania Fjord)	30.16	68	W	2	b	30.17	−.06	60	54	0	NNE	2	b	1	b		68	57	–
	The Scaw (Skagen)	30.17	64	ENE	1	o	30.12	−.07	64	60	+2	ENE	2	o	0	o		68	61	–
	Fanö	30.08	72	E	4	c	30.03	−.16	70	66	+5	ESE	3	b		c		82	64	–
	Sumburgh Head ...	30.24	54	ENE	2	c	30.10	−.22	55	52	+1	ENE	4	o	4	bc, c		58	50	–
	Stornoway	30.09	60	SSE	4	c	30.07	−.04	56	54	−2	SSW	3	o	3	c	7.8	65	50	–
	Wick	30.18	57	SE	2	bc	30.09	−.17	55	55	+1	SE	2	bc	1	bc		62	50	–
	Nairn	30.14	59	ENE	1	c	30.10	−.10	58	55	0	W	1	c	1	c		66	50	–
	Aberdeen	30.16	55	ENE	2	c	30.10	−.14	57	55	+3	E	2	c	3	bc, c	3.8	60	53	–
British Islands	Leith	30.10	55	E	1	o	30.11	−.03	55	54	−2	NE	1	o		o		57	53	0.14
	Shields	30.08	59	NE	1	o	30.09	.00	60	58	+1	N	3	c	3	p, o		63	56	–
	Spurn Head ...	30.08	71	SW	1	b	30.10	+.02	65	63	−1	W	3	o	2	b		74	62	–
	Loughborough ...	30.09	73	SW	3	bc	30.15	+.05	66	62	0	W	3	cvw		c, bc, c, b		76	60	–
	Malin Head ...	30.01	59	ESE	4	cmg	30.05	+.06	64	63	+6	S	1	bcmw	1	ogm		64	58	–
	Blacksod Pt. ..	30.03	65	SSW	4	bc	30.06	+.09	62	61	0	SSW	4	mw	3	bc		67	59	0.06
	Donaghadee ..	30.04	58	E	1	f	30.10	+.09	55	55	−2	E	1	f	1	f		58	53	0.05
	Liverpool (Bidston) .	30.08	66	WSW	3	o	30.12	+.08	66	62	−5	WSW	3	bc	3	op		74	61	0.11
	Holyhead	30.07	59	SW	3	fdp	30.13	+.11	59	58	−3	SW	2	fa	1	f, fpa		65	57	0.02
	Parsonstown ...	30.04	68	SE	1	c	30.08	+.10	65	64	+1	SE	1	o		c	4.0	73	62	0.03
	Valencia	30.04	64	SSE	3	cmd	30.12	+.11	61	61	−1	WSW	1	f	2	o, cmd	0.8	67	60	0.15
	Roche's Point ...	30.11	64	SW	3	o	30.12	+.09	64	63	+2	SW	1	f	3	o	.	65	60	0.08
	Pembroke (St. Ann's Hd.)	30.12	60	WSW	4	o	30.15	+.12	62	61	+1	SW	2	f	3	o	0.0	62	59	0.05
	Scilly	30.14	64	SSW	3	cmp	30.13	+.06	63	63	+2	S	4	mw	2	o, cmp	0.9	69	60	–
	Jersey (St. Aubin's) ...	30.23	67	WNW	3	bc	30.23	+.03	67	61	+2	WNW	3	bc	3	o, bc, o	.	75	60	–
	Portland Bill	30.18	61	SW	3	c	30.19	+.06	62	61	+2	W	1	c	2	cmc, c	.	64	58	–
	Dungeness	30.17	66	WSW	4	b	30.16	+.01	65	63	−1	W	2	c	3	b	.	71	62	–
	London (Brixton) ...	30.13	74	WSW	3	c	30.17	+.08	67	62	−1	SW	1	o	*	bc, ol	5.7	78	62	–
	Oxford	30.14	64	SW	2	o	30.15	+.04	65	61	0	W	2	o	*	o, p	.	75	59	0.01
	Yarmouth	30.08	75	WSW	2	b	30.09	−.01	66	64	−1	W	3	cmc	3	bc, b	.	75	63	0.04
France & Netherlands. Germany.	Cuxhaven	30.08	73	NE	2	o	30.08	−.05	67	65	−3	WNW	3	c	.	tlr, o	.	81	64	0.20
	Berlin	30.03	88	E	o	bc	30.07	−.05	71	64	−6	NW	3	b	.	bc	.	95	66	–
	Frankfurt	30.13	73	E	o	b	30.15	+.02	72	67	−2	N	2	bc	.	b	.	95	64	–
	Munich	30.26	66	SW	5	r	30.23	−.04	69	64	−2	SW	2	b	.	r	.	88	63	0.16
	The Helder ...																.			
	Brussels	.	.	.	.	.	30.17		70	64		SSW	1	bc	.	b		85	57	–
	C. Gris Nez ...	30.14	64	W	3	b	30.14	+.02	64	62	−1	WSW	2	o	2	b	.	72	61	–
	Paris	30.13	86	NNW	2	c	30.22	+.03	66	62	−8	NNW	1	bc	.	c	.	91	61	0.08
	Brest	30.24	64	SW	1	o	30.25	+.07	63	62	+1	W	0	c	0	o	.	72	61	–
	Lorient	30.22	70	WNW	2	c	30.23	+.02	66	63	+2	N	1	bc	1	c	.	77	63	–
	Rochefort	30.16	73	NW	5	c	30.13	−.05	69	65	−2	NNW	3	b	.	c	.	77	66	–
	Belfort	30.05	81	W	1	o	30.15	+.02	69	64	−7	W	1	mw	.	o	.	89	63	–
	Lyons	30.15	76	W	1	o	30.16	−.05	73	64	−1	N	1	b	.	tl, o	.	94	63	–
	Nice	30.16	75	NE	2	c	30.10	−.07	73	67	−7	SW	1	bc	0	c	.	90	68	–
	Perpignan	30.14	74	E	0	bc	30.18	−.03	77	70	−5	E	0	c	.	bc	.	86	68	0.04
	Biarritz	30.13	75	NNW	3	b	30.15	+.01	72	67	0	N	2	o	2	b	.	79	68	–
Span. Pen.	Coruna																.			
	Lisbon	30.16	68	NNE	5	b	30.14	−.01	70	66	−1	NNE	5	b	.	b	.	82	66	–
	Azores (P. Delgada)	30.31	72	SW	1	o	30.32	+.10	72	71	0	SW	1	f	2	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 3.1 *hrs.*

WEATHER CHARTS

FOR Sunday, 22nd July, 1900.

BAROMETER, WIND AND SEA.

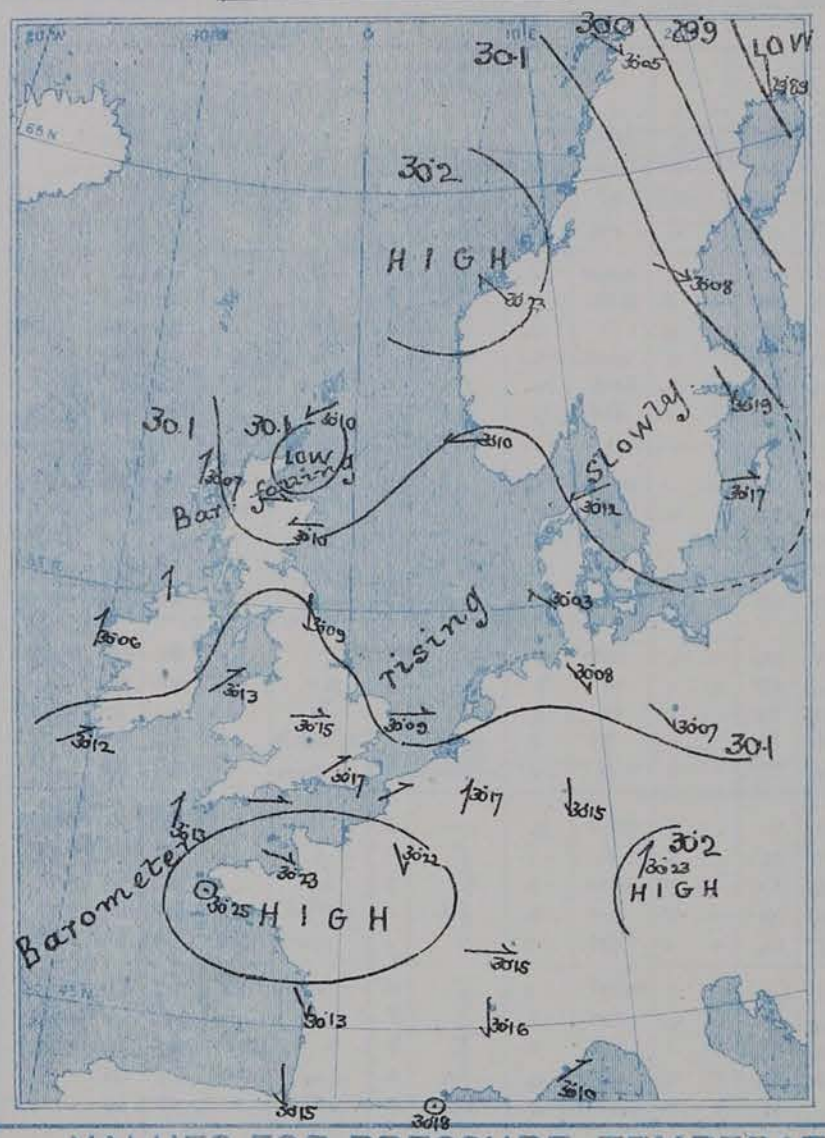
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	61·4	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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·23 in: at Christiansund, and exceeding 30·0 in: over the west and south of Scandinavia and the northeast of Scotland, (except in a small shallow depression over Caithness and its neighbourhood) (2) 30·2 in: and more over the north and southeast of France
Lowest (1) 29·89 in: at Haparanda, and (2) below 30·1 in: over the plains of Caithness and neighbouring parts of the ocean
Gradients slight.
Barometer rising again in our southwestern and northern coasts.

TEMPERATURE

Highest 77° at Perpignan, 73° at Nice and Cannes, 71° at Berlin, 70° at Brussels and Paris, 67° in London, 66° at Loughborough and Liverpool.
Lowest, 46° at Boris, 53° at Christiansund, 55° at Sumburgh Hd: Leith, and Donaghadee, 56° at Stornoway and also at Haparanda.
The maximum readings recorded yesterday were 76° at Loughborough, 78° in London, 81° at Geestacht, 91° at Paris, 95° at Berlin and Frankfurt and 94° at Lyon.

WIND

(1) Very light and anticyclonic over Ireland, England and France.
(2) Anticyclonic also in another system over Scandinavia.
(3) Variable elsewhere.

WEATHER

Fair generally, but cloudy in several places, foggy or hazy in others; air very close.
Small quantities of rain have fallen — generally at our western stations, sporadically in other parts of our Islands, Germany and France.
Lightning was seen in London last night.
Bright Sunshine recorded yesterday ranged ~~yesterday ranged~~ from 7·8 hrs at Stornoway, and 5·7 hrs in London to 0·8 hr at Valencia — none at Pembroke.

SEA

Slight or smooth except at Sumburgh Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 23rd JULY, 1900

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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·22	66	57	N	6	b	2
Sumburgh Head	30·27	56	53	NE	3	bc	4
Stornoway... ...	30·10	64	58	SE	5	c	5
Aberdeen	30·20	59	55	ENE	3	bc	4
Shields	30·08	60	58	SW	2	m	2
Malin Head ...	30·01	58	57	ESE	5	o	3
Blacksod Pt.. ...	30·02	66	62	SSW	3	c	2
Holyhead	30·05	62	60	SSW	3	f	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·05	65	63	SSE	3	o	4
Scilly	30·13	66	64	SSW	4	o	3
Jersey	30·23	69	61	W	4	o	3
Portland Bill ...	30·18	63	62	SW	3	cm	3
Dungeness ...	30·18	61	64	WSW	4	b	3
London (Westminster)	30·14	76	67	WSW	3	bc	*
Yarmouth ...	30·10	69	66	SSE	2	bc	3
Rochefort ...	30·16	75	70	NW	4	bc	*

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

Continental Information will appear tomorrow.

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 23rd July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. H. SHAW., 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	29.84	52	W	2	c	29.75	−.14	54	47	+ 2	NW	2	c	0	c	0	61	43	—
	Hernösand	30.04	57	Z	0	b	29.94	−.14	57	48	+ 1	W	4	0	0	b	0	64	50	—
	Stockholm	30.05	63	SW	2	b	30.00	−.19	68	60	+ 8	Z	0	b	0	b	0	73	52	—
	Wisby	30.08	61	SSW	4	b	30.04	−.13	64	59	+ 1	W	4	b	0	b	0	79	54	—
	Karlstad	30.01	69	SW	2	b	29.98	−.20	64	60	+ 5	SW	2	b	0	b	0	—	—	—
	Bodö	30.01	49	W	6	r	29.91	−.14	46	44	0	WNW	6	c	4	r	0	47	41	0.16
	Christiansund ...	30.13	54	N	4	b	30.10	−.13	50	47	− 3	E	4	f	?	b	0	55	?45	—
	Skudesnaes ...	30.06	66	NNW	2	b	30.03	−.07	59	57	− 2	NNW	4	0	1	b	0	68	54	0
	Færder (X'iania Fjord)	30.02	72	Z	0	b	29.96	−.21	68	62	+ 8	S	2	b	1	b	0	72	59	—
	The Scaw (Skagen)	30.03	65	NE	1	bc	29.99	−.13	64	61	0	WSW	1	bc	0	bc	0	72	57	—
	Fanö	30.01	61	WNW	2	0	30.00	−.03	61	60	− 9	WSW	1	0	0	0	0	72	61	—
British Islands	Sumburgh Head ...	30.06	56	ENE	2	c	29.96	−.14	54	54	− 1	WNW	2	0	3	c	0	59	51	0.01
	Stornoway	30.03	60	WSW	3	0	30.00	−.07	57	55	+ 1	SW	3	0	3	2,0	0.0	62	50	0.08
	Wick	30.07	59	SE	2	c	30.00	−.09	60	57	+ 2	NW	1	0	1	c	0	62	54	0.01
	Nairn	30.04	60	E	1	bc	30.03	−.07	59	57	+ 1	E	1	c	1	bc	0	66	55	—
	Aberdeen	30.06	59	SE	1	c	30.02	−.08	59	57	+ 2	ESE	1	0g	2	bc.c	1.3	62	55	—
	Leith	30.06	69	NE	2	b	30.06	−.05	62	59	+ 7	W	2	0	0	b	0	70	54	—
	Shields	30.09	60	E	2	bc	30.08	−.01	64	63	+ 4	WNW	2	0	2	bc	0	64	56	—
	Spurn Head ...	30.12	61	NE	3	c	30.12	+.02	66	65	+ 1	WNW	3	bc	2	c	0	71	59	—
	Loughborough ...	30.13	71	W	1	0	30.15	.00	68	65	+ 2	WNW	2	c	0	c,cm,cmr	0	76	63	—
	Malin Head ...	30.09	60	WNW	4	drf	30.04	−.01	60	58	− 4	SSW	2	c	2	bc.cmf	0	67	66	0.01
	Blacksod Pt. ...	30.18	60	WNW	1	0,	30.06	.00	61	61	− 1	SSW	5	m	4	0	0	62	57	0.01
	Donaghadee ...	30.11	61	SSE	3	0	30.12	+.02	61	59	+ 6	W	1	c	1	f.o.f	0	65	54	0.01
	Liverpool (Bidston)	30.13	63	WNW	1	0	30.15	+.03	62	61	− 4	W	2	bc	2	o.pd	0	67	60	0.01
	Holyhead	30.14	62	SW	2	cf	30.16	+.03	62	60	+ 3	Z	0	cm	0	f.cf	0	63	58	0.02
	Parsonstown ...	30.13	72	W	1	c	30.15	+.07	62	59	− 3	SW	1	m	0	c	4.0	74	57	0.02
	Valencia	30.22	62	WNW	3	b	30.18	+.06	62	61	+ 1	ESE	2	md	3	o.b	3.6	63	53	0.01
	Roche's Point ...	30.17	69	NNW	3	0	30.19	+.07	64	61	0	SE	1	bc	2	c.b	0	70	58	—
	Pembroke (St. Ann's Hd.)	30.17	61	SW	2	m	30.18	+.03	59	58	− 3	SW	1	f	2	m	0.0	63	56	0.02
	Scilly	30.16	64	WNW	1	cf	30.17	+.04	63	62	0	NW	1	bfw	1	o.cf	0.9	69	61	0.01
	Jersey (St. Aubin's) ...	30.20	71	WNW	3	b	30.19	−.04	67	63	0	WNW	4	0	2	b	0	72	62	—
	Portland Bill ...	30.17	64	WSW	2	b	30.17	−.02	66	64	+ 4	NNW	1	bm	1	b	0	68	58	—
	Dungeness	30.11	67	W	4	c	30.12	−.04	70	66	+ 5	N	1	0	1	bc,c	0	70	64	—
	London (Brixton) ...	30.10	75	WNW	2	0	30.15	−.03	72	66	+ 5	NW	2	0	0	bc.o.g	4.8	80	67	—
	Oxford	30.13	71	W	1	c	30.15	.00	69	65	+ 4	NW	1	0	0	bc,c	0	77	65	—
	Yarmouth	30.11	68	SSE	2	bc	30.10	+.01	67	63	+ 1	NW	3	bc	3	bc	0	71	60	—
France & Netherlands. Germany.	Cuxhaven	30.03	68	W	2	c	30.02	−.06	63	60	− 4	WNW	2	c	0	Fbr,c	0	72	61	0.04
	Berlin	29.99	74	WNW	3	c	29.99	−.08	65	63	− 6	NW	3	0	0	c	0	84	64	0.39
	Frankfürt	30.09	64	S	2	b	30.08	−.07	68	64	− 4	W	2	0	0	b	0	77	66	0.28
	Munich	30.18	63	SW	2	0	30.14	−.09	66	63	− 3	SW	2	0	0	0	0	81	61	0.32
	The Helder ...	30.08	64	WNW	2	c	30.08		63	60		NW	1	b	1	c	0	70	59	—
	Brussels	"	"	"	"	"	30.13	−.04	68	65	− 2	SW	1	c	0	b	0	84	61	—
	C. Gris Nez ...	30.12	65	WSW	2	0	30.10	−.04	69	67	+ 5	SW	1	m	0	0	0	70	61	—
	Paris	30.11	80	NNW	2	bc	30.15	−.04	65	61	− 1	N	2	c	0	bc	0	85	62	—
	Brest	30.22	65	NW	1	m	30.19	−.06	63	61	0	N	1	0	1	m	0	77	61	—
	Lorient	30.19	70	WNW	3	b	30.19	−.04	66	65	0	E	1	0	1	b	0	77	61	—
	Rochefort	30.10	73	NW	4	b	30.08	−.05	72	67	+ 3	NE	2	b	0	b	0	75	66	—
	Belfort	30.24	68	Z	0	c	30.08	−.07	68	63	− 1	SW	2	m	0	c	0	88	61	0.24
	Lyons	30.08	73	NW	2	b	30.10	−.06	72	65	− 1	N	1	b	0	bbr	0	92	67	0.67
	Nice	30.03	68	NE	4	b	29.95	−.15	73	66	0	W	1	bc	0	b	0	84	64	0.12
	Perpignan	30.05	85	S	1	b	30.05	−.13	80	69	+ 3	NW	3	bc	0	b	0	97	76	—
	Biarritz	30.13	75	W	2	b	30.09	−.06	72	69	0	NW	1	c	2	b	0	77	70	—
Span. Pen.	Corunna																			
	Lisbon	30.07	?	NNW	5	b	30.00	−.14	72	66	+ 2	W	2	b	0	b	0	84	64	—
	Azores (P. Delgada)	30.32	73	SSW	2	b	30.24	−.08	73	71	+ 1	SSW	1	c	2	b	0	81	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 recorded on the Tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 0·5 hrs.

WEATHER CHARTS

FOR Monday 23rd July, 1900.

BAROMETER, WIND AND SEA.

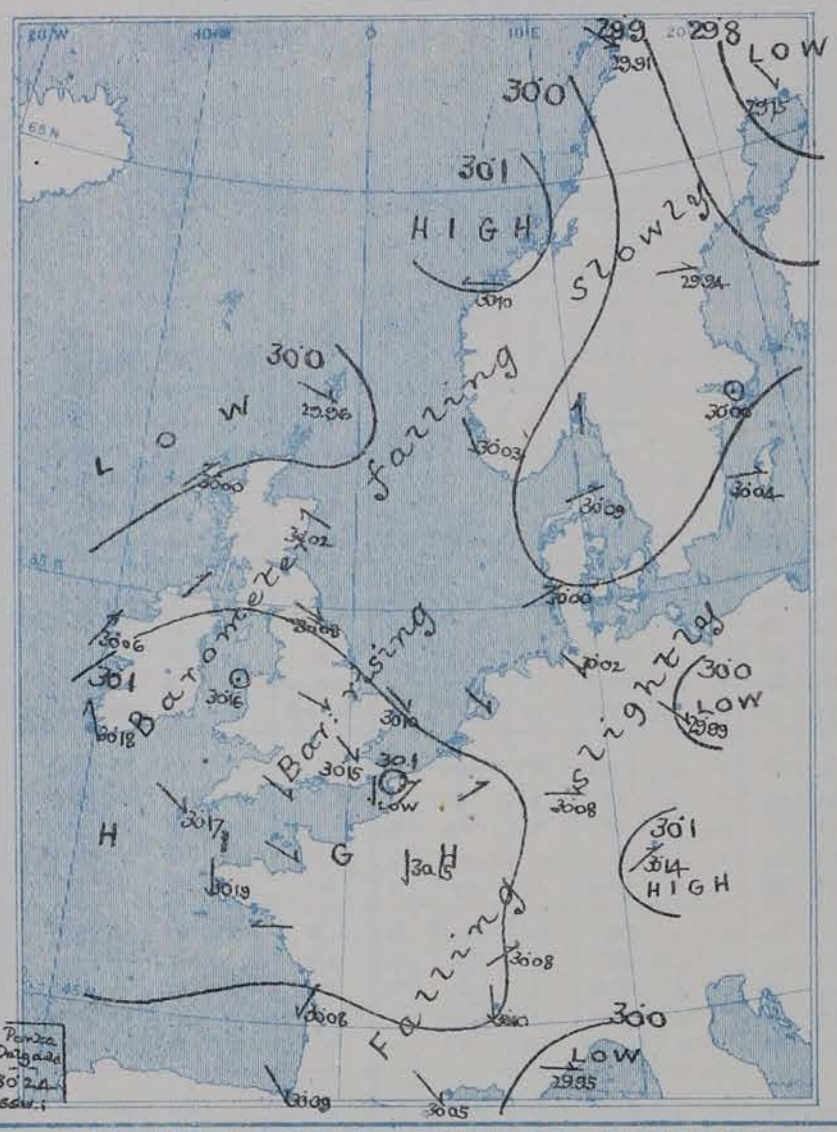
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

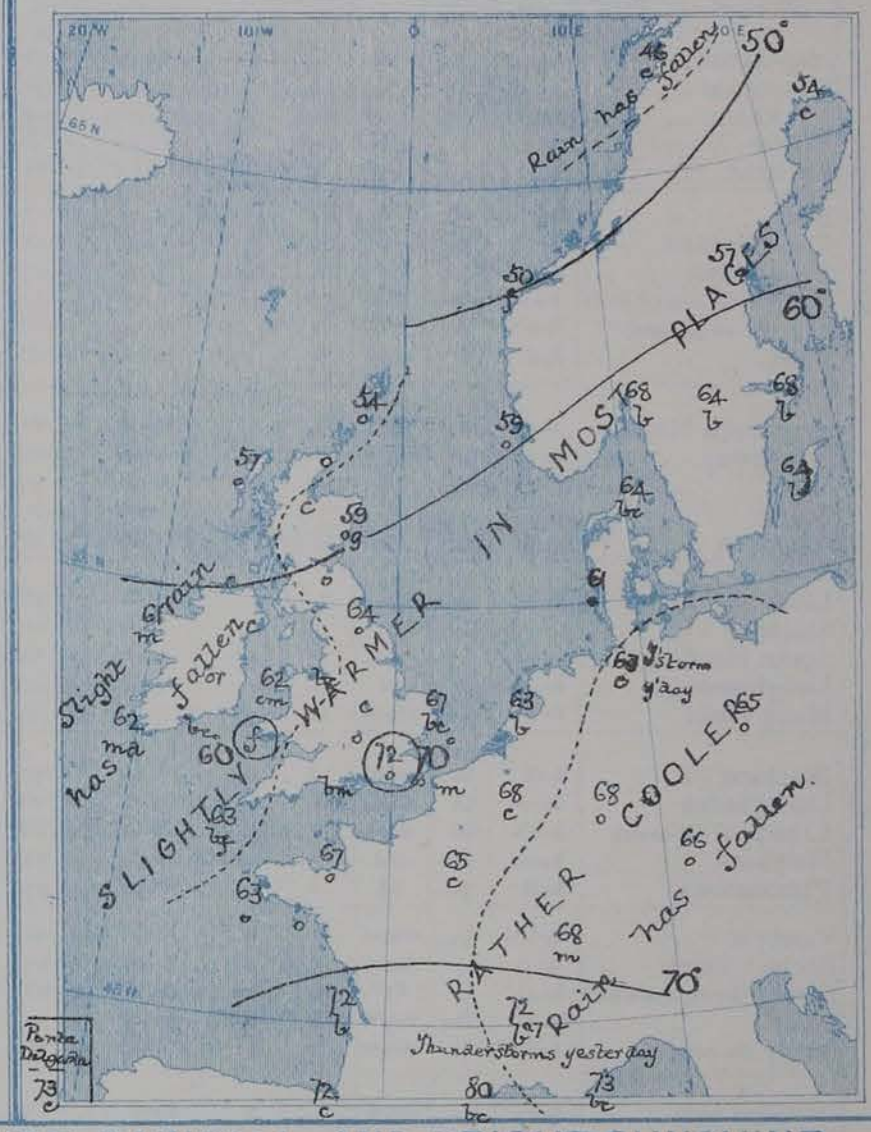


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	29·917	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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 inches and more over Ireland, England and the north of France.
Lowest (1) 29.75 inches at Haparanda, (2) 30.0 inches and less over Denmark & off the north of Scotland.
Gradients were slight
Barometer was falling in Scandinavia and off our north and west coasts.

TEMPERATURE

Highest 80° at Perpignan, 78° at Nice, 72° at Lyons and in London, 68° at Belfort and Hartzfürt, 69° at Oxford.
Lowest 46° at Bodö, 50° at Christiansund 52° at Haparanda and Sumburgh Hd., 59° at Aberdeen.
The maxima recorded yesterday were 76° at Loughborough, 80° in London, 84° at Berlin and Brussels, 85° at Paris, 97° at Perpignan.

WIND

Light and anticyclonic in our Islands and their neighbourhood — Southerly in the west.
Northwesterly and Northerly in the east, Northeasterly to Easterly over France.
In Scandinavia they were Westerly to Southwesterly and stronger.

WEATHER

As a whole, still cloudy or hazy, and air rather close. In a few places the sky was cloudless.
Rain and thunder reported from Germany and the southeast of France, and a very little rain from several of our own western, northwestern, and northern stations. Bright sunshine yesterday varied very much in different regions — it was greatest (more than 9 hours) at Brighton, while at Pembroke and Holyhead there was none.

SEA

Moderate at Blackpool Pier, smooth at most of our stations.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There is evidently some new disturbance in the far west and northwest, which may cause a little rain and thunder in those regions, and a small local depression over the Straits of Dover may cause local rains and thunder in that locality. Over France and the greater part of England, fine, hot weather is probable.

FORECASTS

For the 24 hours ending at NOON on JULY 24TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southeasterly and Southwesterly winds, warm, thundery, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 4.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Very variable light winds, cloudy, warm. Fair.
5	ENGLAND SOUTH	Northwesterly to Southwesterly winds, light; cloudy, clear; thunder in some places.
6	SCOTLAND WEST	Southwesterly winds, moderate; a slight shower or two.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Southerly and Southwesterly breezes, light; fine.
9	IRELAND NORTH	Southeasterly to Southwesterly winds, moderate; cloudy, a few 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·20	68	63	NW	2	b	1
Sumburgh Head	30·09	57	53	ENE	3	c	4
Stornoway... ...	30·05	62	59	WSW	4	o2	4
Aberdeen	30·10	60	56	ESE	3	bc	3
Shields							
Malin Head ...	30·06	65	64	S	0'	bc	0
Blacksod Pt.. ...	30·16	60	58	WNW	3	o	3
Holyhead	30·14	62	61	SW	3	f	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30·19	61	60	WNW	4	o	4
Scilly	30·17	67	65	W	3	o	3
Jersey	30·23	70	64	NW	4	b	3
Portland Bill ...	30·18	67	65	WSW	2	b	2
Dungeness ...	30·13	69	64	W	4	bc	3
London (Westminster)							*
Yarmouth ...	30·10	68	64	NE	1	bc	3
Rochefort ...							*

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

Continental Information not received.

SUMMARY OF CHANGES IN THE WEATHER OVER EUROPE FROM JULY 15TH TO 21ST 1900.

The Summary will be issued tomorrow.

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* Metecrological 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 Tuesday 24th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	29.81	50	NW	2	bc	29.75	·00	54	51	0	S	2	o	•	bc	•	59	43	0·08
	Hernösand	29.83	58	2	0	0	29.83	—·11	54	52	— 3	2	0	r	•	0	•	73	46	0·04
	Stockholm	29.86	66	S	2	b	29.76	—·24	63	61	— 5	N	2	r	•	b	•	79	55	0·04
	Wisby	29.95	64	SW	4	bc	29.86	—·18	66	59	+ 2	SSW	6	o	•	bc	•	72	54	—
	Karlstad	29.84	68	SSW	4	bc	29.71	—·27	63	59	— 1	SW	2	c	•	bc, r	•	•	•	—
	Bodö	29.80	48	2	0	0	29.71	—·20	46	45	0	2	0	r	1	0	•	52	43	0·39
	Christiansund ...	29.86	53	WSW	2	0	29.70	—·40	53	51	+ 3	2	0	r	1	0	•	54	46	0·12
	Skudesnaes ...	29.93	59	W	2	0	29.80	—·23	59	58	0	W	4	o	2	b.o	•	63	52	•
	Færder (X'iania Fjord)	29.89	66	S	4	bc	29.72	—·24	66	60	— 2	WSW	5	b	3	bc	•	72	64	—
	The Scaw (Skagen)	29.91	63	WSW	1	c	29.84	—·15	62	61	— 2	W	4	o	1	c	•	75	59	—
	Fanö	30.00	60	W	1	b	29.95	—·05	65	62	+ 4	SW	4	b	•	b	•	66	59	—
British Islands.	Sumburgh Head ...	29.86	54	WSW	1	r	29.70	—·26	55	53	+ 1	WSW	4	o	4	o.r	•	60	51	0·20
	Stornoway	29.83	61	W	4	o	29.85	—·15	58	63	+ 1	WNW	5	o	5	r, o	0·2	61	50	0·03
	Wick	29.83	59	NW	1	r	29.83	—·17	60	57	0	NW	4	bc	2	r	•	63	50	0·10
	Nairn	29.86	63	W	1	o	29.88	—·15	62	57	+ 3	SW	2	c	1	o	•	63	55	0·09
	Aberdeen	29.88	64	S	2	cg	29.88	—·14	59	57	0	ESE	2	bc	1	ogp. cg	1·3	66	56	0·05
	Leith	29.94	68	WSW	3	o	29.92	—·14	64	62	+ 2	WSW	1	o	•	o	•	73	61	0·06
	Shields	30.01	72	W	3	bc	29.94	—·14	68	66	+ 4	WSW	3	c	2	b. bc, p	•	77	62	—
	Spurn Head ...	30.05	71	W	4	b	30.03	—·09	71	67	+ 5	SW	1	c	0	b	•	75	64	—
	Loughborough ...	30.07	80	W	1	bc	30.05	—·10	74	66	+ 6	WSW	1	bw	•	c, bc, c, b	•	80	62	—
	Malin Head ...	29.94	62	W	4	qpf	29.95	—·09	56	56	— 4	NW	2	og	2	o. md. f	•	65	56	0·03
	Blacksod Pt. ...	30.01	62	SW	5	f	29.98	—·08	59	59	— 2	N	2	m	3	m. f	•	64	58	0·06
	Donaghadee ...	30.01	69	WSW	2	o	29.97	—·15	65	64	+ 4	W	2	o	2	o	•	73	59	0·02
	Liverpool (Gibraltar)	30.09	69	W	2	b	30.02	—·13	70	66	+ 8	SSW	1	o	1	b	•	72	62	—
	Holyhead	30.10	63	SW	2	c	30.04	—·12	62	61	0	SW	3	cm	2	c	•	68	59	—
	Parsonstown ...	30.07	72	W	1	o	30.00	—·15	66	64	+ 4	SW	1	o	•	c, o	2·4	75	61	—
	Valencia	30.12	65	S	2	o	30.02	—·16	64	62	+ 2	S	3	o	4	o	1·1	71	61	—
	Roche's Point ...	30.13	67	SW	3	b	30.05	—·14	63	62	— 1	S	2	f	3	o, b		69	61	—
	Pembroke (St. Ann's Hd.)	30.15	63	W	1	bc	30.08	—·10	60	59	+ 1	SE	1	f	2	bc	0·6	64	57	0·01
	Scilly	30.14	65	NW	1	c	30.06	—·11	62	61	— 1	E	1	f	0	c	11·0	68	60	—
	Jersey (St. Aubin's) ...	30.15	71	NW	3	b	30.10	—·09	74	66	+ 7	E	3	bm	3	bc, b	•	74	62	—
	Portland Bill ...	30.14	65	WNW	2	b	30.11	—·06	68	64	+ 2	E	1	b	1	b	•	69	59	—
	Dungeness	30.10	68	W	2	b	30.09	—·03	66	64	— 4	W	2	b	1	o. b	•	74	62	—
	London (Brixton) ...	30.09	80	NW	1	bc	30.09	—·06	72	62	0	SSE	1	b	•	bc, b	5·0	82	62	—
	Oxford	30.09	75	W	1	bc	30.08	—·07	73	68	+ 4	SSW	1	b	•	bc	•	83	61	—
	Yarmouth	30.08	69	SSE	2	b	30.06	—·04	69	66	+ 2	S	1	bc	2	b	•	71	64	—
Germany.	Cuxhaven	30.02	64	WNW	2	o	30.02	·00	63	61	0	W	2	b	•	o	•	64	59	—
	Berlin	29.97	66	NW	4	o	30.04	+·05	67	63	+ 2	WNW	3	c	•	o	•	73	61	0·04
	Frankfürt.	30.06	68	N	2	o	30.11	+·03	68	62	0	E	1	b	•	o	•	77	63	—
	Munich	30.12	64	SW	2	o	30.17	+·03	63	60	— 3	W	4	c	=	o	•	73	59	0·24
France & Netherlands.	The Helder ...																•			
	Brussels	•	•	•	•	•	30.13	·00	68	64	0	W	1	c	•	b	•	79	56	—
	C. Gris Nez ...	30.10	71	WSW	1	m	30.07	—·03	67	65	— 2	SW	2	b	1	m	•	79	61	—
	Paris	30.08	78	NNE	2	b	30.12	—·03	68	64	+ 3	NNE	2	b	=	b	=	84	61	—
	Brest	30.14	67	NNW	1	bc	30.09	—·10	64	61	+ 1	NE	2	b	1	bc	•	75	59	—
	Lorient	30.12	72	WNW	2	bc	30.03	—·16	66	64	0	E	3	b	2	bc	•	79	63	—
	Rochefort	30.00	77	NW	3	b	29.97	—·11	73	67	+ 1	E	2	b	•	b	•	80	66	—
	Belfort	30.05	72	ENE	4	c	30.10	+·02	63	60	— 5	ENE	4	m	•	c	•	83	55	—
	Lyons	30.01	80	NW	2	b	30.03	—·07	70	63	— 2	N	2	b	•	b	•	86	65	—
	Nice	29.89	72	SW	1	c	29.92	—·03	73	68	0	SE	1	b	1	fr, c	•	86	66	0·04
	Perpignan	29.94	85	WNW	3	b	29.96	—·09	81	72	+ 1	SW	1	b	•	b	•	93	?	—
	Biarritz	30.01	71	NNW	2	b	29.97	—·12	72	70	0	S	2	b	2	b	•	79	68	—
Spain & Portugal.	Corunna																•			
	Lisbon														•		•			
	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 recorded on the Tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 5·2 *hrs.*

WEATHER CHARTS

FOR Tuesday, 24th July, 1900.

BAROMETER, WIND AND SEA.

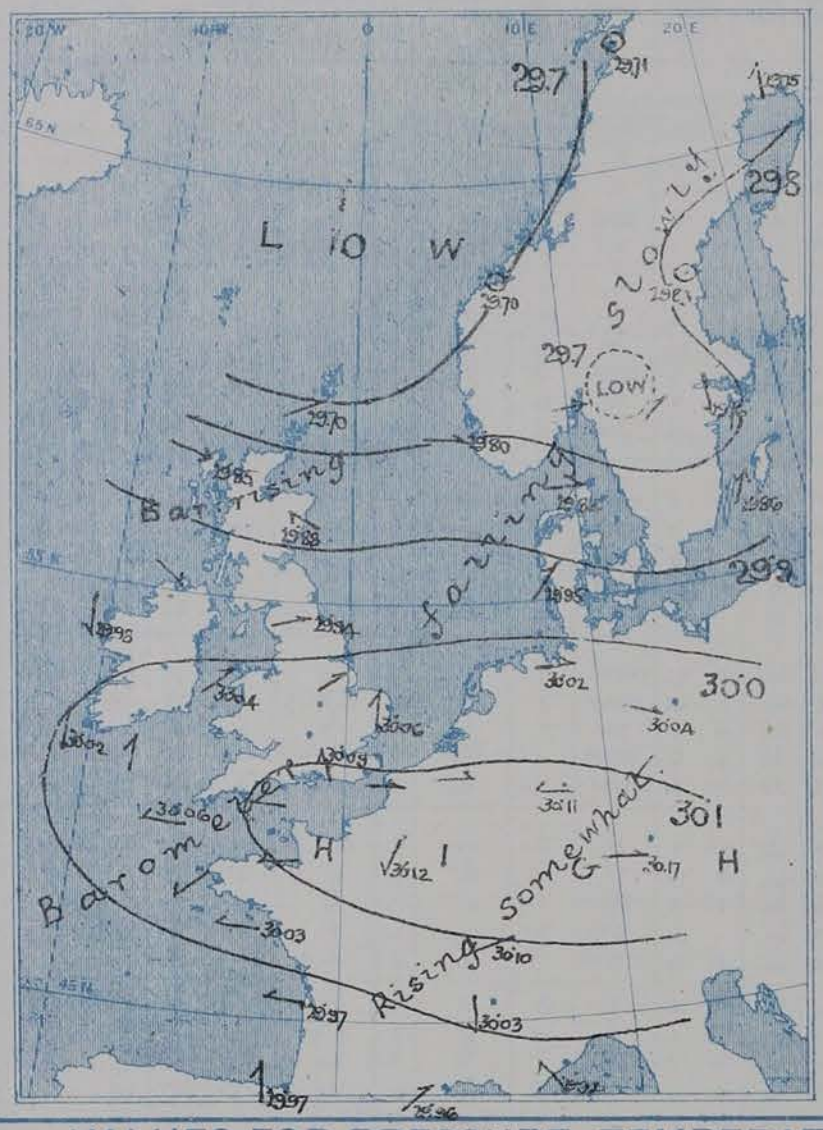
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

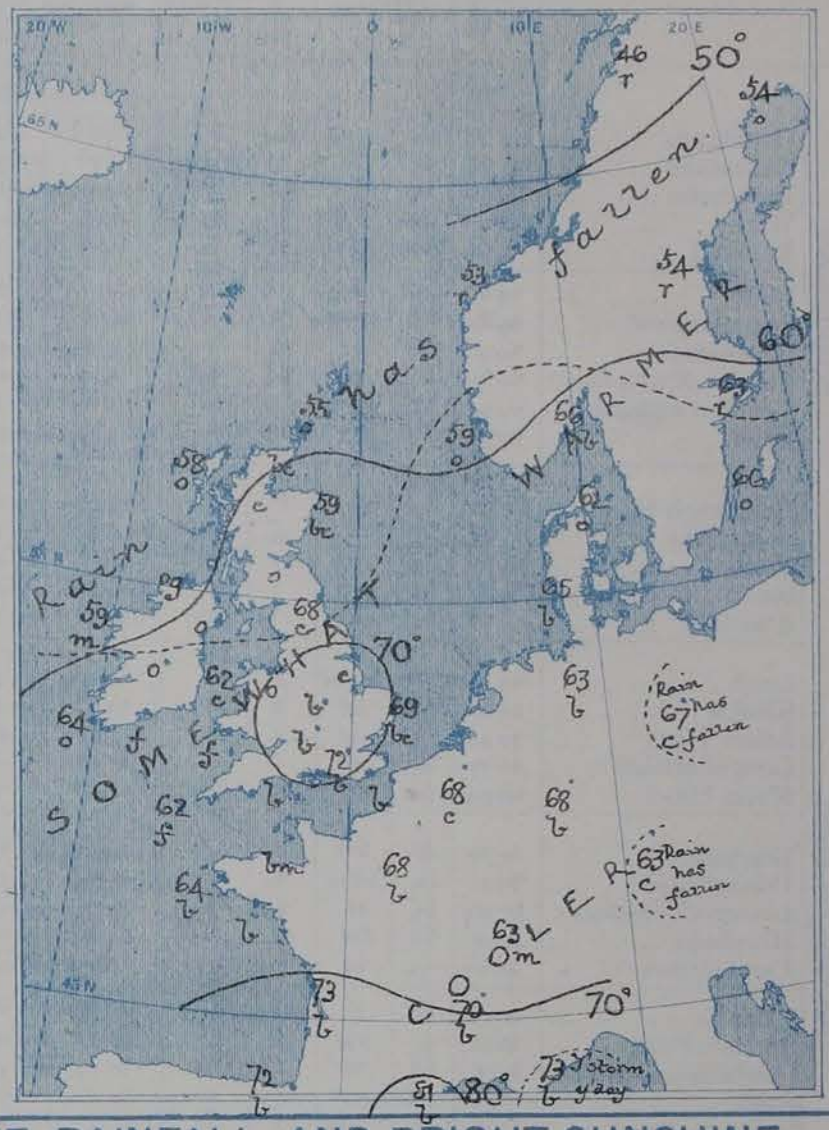


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins: to 30.1 ins: and upwards in an anticyclone lying over Germany, the Netherlands, the greater part of England and France, and the south of Ireland.
Lowest 29.4 ins: and less in a large depression off the west of Norway, and also in a small secondary system near Faeroe.
Gradients slight. Barometer falling over Northwestern Europe as a whole, but rising a little in Scotland and also over Germany and the central and southern parts of France.

TEMPERATURE

Highest 81° at Perpignan, 74° at Loughborough and Jersey, and 75° at Oxford, Rochefort and Nice
Lowest 46° at Bodo, 53° at Christiansund, 54° at Kopatanda, Christiansund, 55° at Lumbuirgh 26th., & 56° at Hallin 26th.
During yesterday the thermometer rose to between 80° and 83° over the inland parts of England, to 85° and upwards in the south of France and to 93° at Perpignan.

WIND

Light to moderate from the southwestward in most parts of Great Britain and also in Denmark, and the south of Scandinavia, but Northwesterly on our own extreme north and northwest coasts; calm in the west of Norway.
Light from the Eastward over France and the western part of the Channel, and from the southward in the south of Ireland.

WEATHER

Fine over Western Europe as a whole, but dull on our own western and extreme northern coasts, and foggy at the mouth of the English, Bristol and St. George's Channels. Dull and rainy at many of the Scandinavian stations.
Rain fell yesterday in Scotland and the N. of Ireland, and also in several parts of Scandinavia & Germany; a thunderstorm occurred at Nice in the afternoon. The amount of sunshine registered yesterday was, as a rule, small, especially in Ireland and Scotland; at Scilly, however, there were as many as 11 hours.

SEA

Slight or smooth generally, but rather rough at Stornoway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone appears to be moving southeastwards, and to be gradually breaking up. The indications in favour of any decided change in the weather are at present slight, but it seems quite possible that low-pressure systems from the Atlantic may shortly spread further eastward, and occasion rain on our western coasts.

FORECASTS

For the 24 hours ending at NOON on JULY 25TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Northwesterly to Southwesterly winds, fresh; cloudy, some rain.
1	SCOTLAND EAST	Westerly and Southwesterly winds, light; cloudy, local showers.
2	ENGLAND N.E.	Same as No: 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Light breezes, chiefly South-westerly; fair, warm.
6	SCOTLAND WEST	Westerly to Southwesterly winds, moderate; cloudy, some rain.
7	ENGLAND N.W.	Same as No: 1.
8	ENGLAND S.W.	Southeasterly winds, light; fair generally, but local fogs.
9	IRELAND NORTH	Same as No 6.
10	IRELAND SOUTH	Southerly and Southwesterly winds, moderate; cloudy, 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·00	63	57	W	2	b	1
Sumburgh Head	29·92	58	63	WSW	1	o	3
Stornoway... ...	29·90	56	55	SW	5	r	5
Aberdeen	29·96	58	57	SE	2	og	2
Shields	30·04	75	66	W	3	b	2
Malin Head ..	29·95	64	63	SSW	4	o	3
Blacksod.Pt. ...	30·02	63	63	SSW	5	m	4
Holyhead	30·14	67	62	SW	2	c	1
Valencia	30·15	68	64	S	2	o	4
Scilly	30·16	66	63	WNW	2	c	1
Jersey	30·18	74	66	NNW	3	bc	3
Portland Bill ...	30·17	68	65	W	1	b	1
Dungeness ...	30·12	70	66	W	1	o	1
London (Westminster)	30·11	79	68	NW	2	c	*
Yarmouth ...	30·09	71	66	NNE	3	b	3
Rochefort ...	30·06	80	72	NW	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 EUROPE FROM JULY 15TH TO 21ST 1900.

The week began with a large anticyclone (30·1 ins: and more to 30.0 ins:) covering nearly the whole of Western, Southern and Central Europe, with the western parts of Russia. Off our southwest coasts lay a small depression and similar systems were found over Sweden, the northeast of Russia, the southeast of Europe and Spain & Algiers. Temperature was high over the western countries — the daily maxima amounting to nearly 95° at Bordeaux and Limoges to 88° at Paris and many other French stations, and the air was close. This distribution of pressure was reinforced later on by fresh anticyclonic systems from the Atlantic and hot summer like conditions continued prevalent over our Islands and Central Europe throughout the entire week. The maximum daily values touched 92° in London, 91° at Berlin, 96° at Paris and above 90° in many parts of Europe — the heat being of course greatest inland.

During the latter half of the week depressions began to encroach on the western parts of our Islands and Continental Europe and in those regions thunderstorms became more frequent than they had been previously. Some localities however were missed by the storms. The heat continued to increased and on Friday Paris recorded a maximum of 100° in the shade, and in many parts of Europe the highest values varied from 97° to 90°.

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 rusty (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 Wednesday 25th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. 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	29.62	53	S	2	o	29.55	-.20	53	51	— 1	E	2	c	•	o	•	57	45	0.39
	Hernösand	29.60	54	2	o	o	29.61	-.22	58	52	+ 4	NW	6	bc	•	o	•	58	54	0.28
	Stockholm	29.65	66	SW	2	b	29.70	-.06	60	55	— 3	NW	6	o	•	b	•	77	59	0.04
	Wisby	29.75	66	W	6	bc	29.78	-.08	63	57	— 3	NW	8	bc	•	bc	•	70	59	—
	Karlstad	29.62	69	SW	4	b	29.77	+.06	63	54	o	WNW	4	c	•	b	•	•	•	—
	Bodo	29.64	46	2	o	o	29.67	-.04	48	46	+ 2	N	4	c	2	o	•	48	45	0.08
	Christiansund ...	29.61	53	ESE	4	r	29.79	+.09	52	50	— 1	WNW	6	r	4	r	•	55	48	0.98
	Skudesnaes ...	29.91	57	NW	4	c	29.91	+.11	57	55	— 2	W	4	c	2	b,c	•	59	52	•
	Færder (X'iania Fjord)	29.69	67	WNW	4	c	29.82	+.10	64	56	— 2	W	4	bc	3	c	•	70	61	—
	The Scaw (Skagen)	29.82	61	W	6	c	29.90	+.06	61	56	— 1	NW	5	c	1	c	•	66	57	0.04
	Fanö	29.98	64	WSW	4	c	29.96	.00	68	66	+ 3	S	3	c	•	c	•	70	63	—
British Islands	Sumburgh Head ...	29.80	56	WSW	4	c	29.82	+.12	56	55	+ 1	WSW	1	o	3	c	•	60	53	0.01
	Stornoway	29.87	59	WNW	5	o	29.85	.00	56	55	— 2	2	o	o	o	o	2.1	61	52	0.08
	Wick	29.85	58	NW	3	o	29.84	+.01	56	55	— 4	S	2	o	1	o,r	•	65	53	0.20
	Nairn	29.90	59	W	1	r	29.86	-.02	56	55	— 6	2	o	o	1	r	•	66	51	0.27
	Aberdeen	29.91	58	SE	3	o	29.86	-.02	57	56	— 2	NW	2	opg	2	c,o,b	3.3	62	53	0.29
	Leith	29.89	64	WSW	1	r	29.84	-.08	61	60	— 3	2	o	om	•	r	•	71	57	0.08
	Shields	29.94	71	E	2	c	29.87	-.07	68	64	o	SW	2	cm	2	c	•	79	62	—
	Spurn Head ...	29.98	68	SE	2	bc	29.91	-.12	68	66	— 3	NW	1	bc	1	bc	•	84	65	—
	Loughborough ...	29.96	85	SW	2	b	29.94	-.11	73	68	— 1	W	1	bmw	•	bc,cm,b	•	86	63	—
	Malin Head ...	29.87	56	E	2	opdf	29.83	-.12	59	59	+ 3	W	2	opdf	2	opdf	•	60	56	0.02
	Blacksod Pt. ...	29.88	62	SSW	5	om	29.98	-.05	57	56	— 2	NW	3	m	3	om	•	64	55	0.08
	Donaghadee ...	29.92	63	SW	2	c	29.87	-.10	63	61	— 2	W	3	c	2	r,c	•	70	56	0.07
	Liverpool (Bidston)	29.96	71	NNW	1	c	29.92	-.10	65	62	— 5	WSW	1	o	1	c	•	74	60	—
	Holyhead	29.97	63	SW	2	bc	29.93	-.11	61	60	— 1	SW	2	f	1	c,bc	•	67	57	—
	Parsonstown ...	29.91	73	NNW	1	c	29.91	-.09	63	61	— 3	SW	1	o	•	c	4.2	76	57	—
	Valencia	29.95	69	SSE	2	bm	29.94	-.08	63	61	— 1	SE	1	o	3	bc,bm	10.3	70	59	—
	Roche's Point ...	29.98	67	SW	4	b	29.94	-.11	62	60	— 1	NNW	1	bcf	2	b	•	70	58	—
	Pembroke (St. Ann's Hd.)	29.98	61	W	1	f	29.94	-.14	62	60	+ 2	WSW	2	og	2	f	5.2	63	59	—
	Scilly	29.99	65	WNW	2	o	29.93	-.13	62	62	o	WNW	1	of	1	cf,o	4.8	70	60	—
	Jersey (St. Aubin's) ...	30.00	80	ESE	3	bm	29.97	-.13	74	68	o	ENE	1	bm	1	b	•	83	65	—
	Portland Bill ...	30.02	67	E	2	b	29.94	-.17	69	64	+ 1	ENE	2	bm	1	b	•	74	60	—
	Dungeness	30.03	76	W	2	b	? 29.97	-.13	73	67	+ 7	S	1	b	1	b	•	76	63	—
	London (Brixton) ...	30.00	81	SW	2	b	29.96	-.13	76	67	+ 4	S	1	b	•	bc,b	13.6	87	61	—
	Oxford	29.97	76	S	2	b	29.94	-.14	73	66	o	2	o	bcm	•	b	•	85	61	—
	Yarmouth	29.97	76	S	2	b	29.95	-.11	72	67	+ 3	WSW	2	b	2	b	•	82	66	—
France & Netherlands. Germany.	Cuxhaven	30.03	68	W	2	b	30.01	-.01	69	67	+ 6	SW	3	b	•	b	•	72	63	—
	Berlin	30.05	70	SSW	2	bc	30.08	+.04	72	67	+ 5	W	2	b	•	bc	•	73	66	—
	Frankfürt.	30.10	72	N	2	b	30.10	-.01	68	63	o	E	2	b	•	b	•	82	64	—
	Munich	30.18	65	2	o	b	30.18	+.01	66	62	+ 3	SE	2	b	•	b	•	73	54	—
	The Helder ...	30.02	70	SW	1	b	29.97		76	69		SW	2	b	1	b	•	77	63	—
	Brussels	•	•	•	•	•	30.03	-.10	76	66	+ 8	SSE	2	b	•	b	•	85	64	—
	C. Gris Nez ...	30.03	73	WSW	1	b	29.97	-.10	66	65	— 1	S	1	b	1	b	•	77	64	—
	Paris	30.02	83	ENE	2	b	30.00	-.12	74	65	+ 6	E	1	b	•	b	•	87	62	—
	Brest	29.98	78	NNW	1	b	29.94	-.15	80	59	— 4	NNW	1	m	1	b	•	82	59	—
	Lorient	29.97	84	2	o	b	29.98	-.05	73	68	+ 7	2	o	b	o	b	•	88	64	—
	Rochefort	29.89	82	NW	1	b	29.90	-.07	75	70	+ 2	NE	1	b	•	c,b	•	104	68	—
	Belfort	30.04	74	ENE	4	bc	30.02	-.08	66	61	+ 3	E	5	m	•	bc	•	[illegible]	56	—
	Lyons	29.98	82	N	1	b	30.02	-.01	71	65	+ 1	ESE	1	b	•	b	•	85	63	—
	Nice	29.92	78	2	o	bc	30.04	+.12	79	71	+ 6	2	o	bc	o	bc	•	82	70	—
	Perpignan	29.91	86	SE	1	b	30.00	+.04	75	72	— 6	NE	2	bc	•	b	•	93	66	—
	Biarritz	29.88	80	W	1	b	29.91	-.06	78	73	+ 6	2	o	b	2	b	•	81	72	—
Span. Pen.	Corunna																			
	Lisbon	29.94	70	NNE	3	b	30.00	+.02	72	67	+ 5	SSW	1	b	•	b	•	86	64	—
	Azores (P. Delgada)	30.15	68	NNE	3	bc	30.15	+.03	70	64	— 3	NNW	3	b	2	bc	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 5·9 hrs.

WEATHER CHARTS

FOR Wednesday, 25th July, 1900.

BAROMETER, WIND AND SEA.

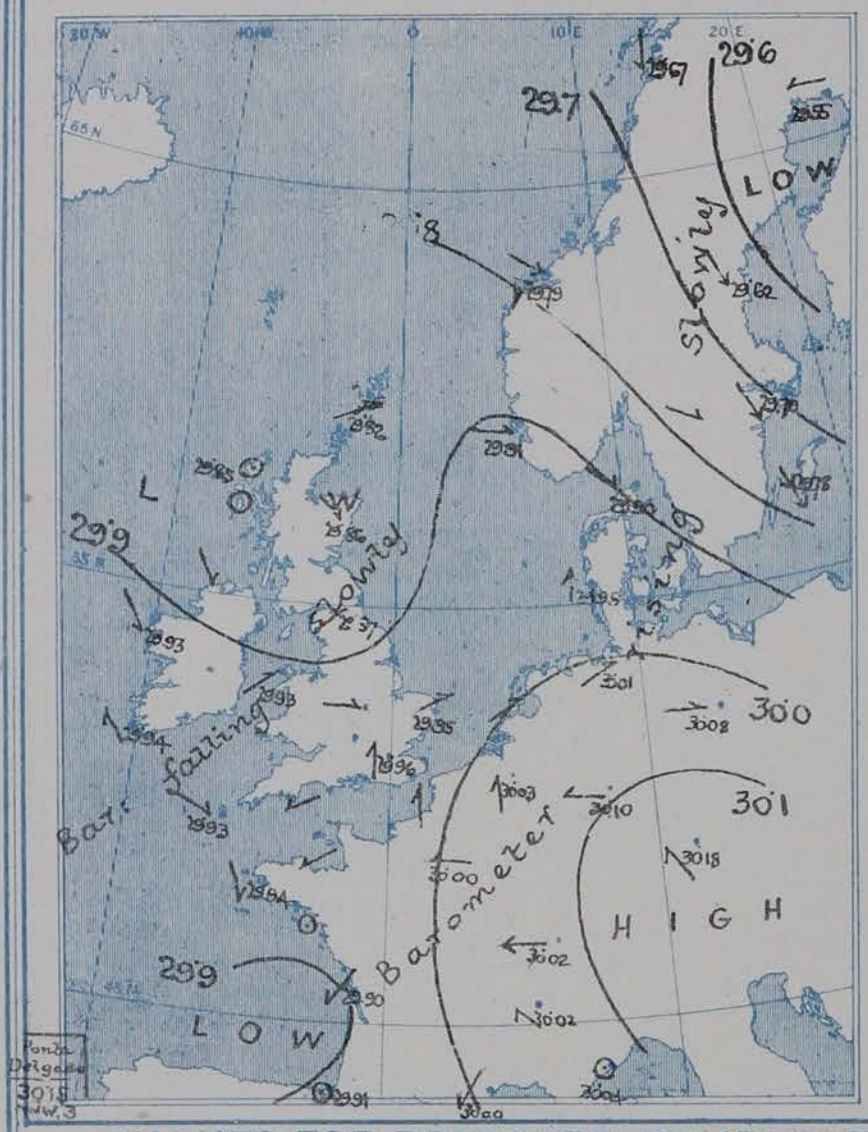
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▩

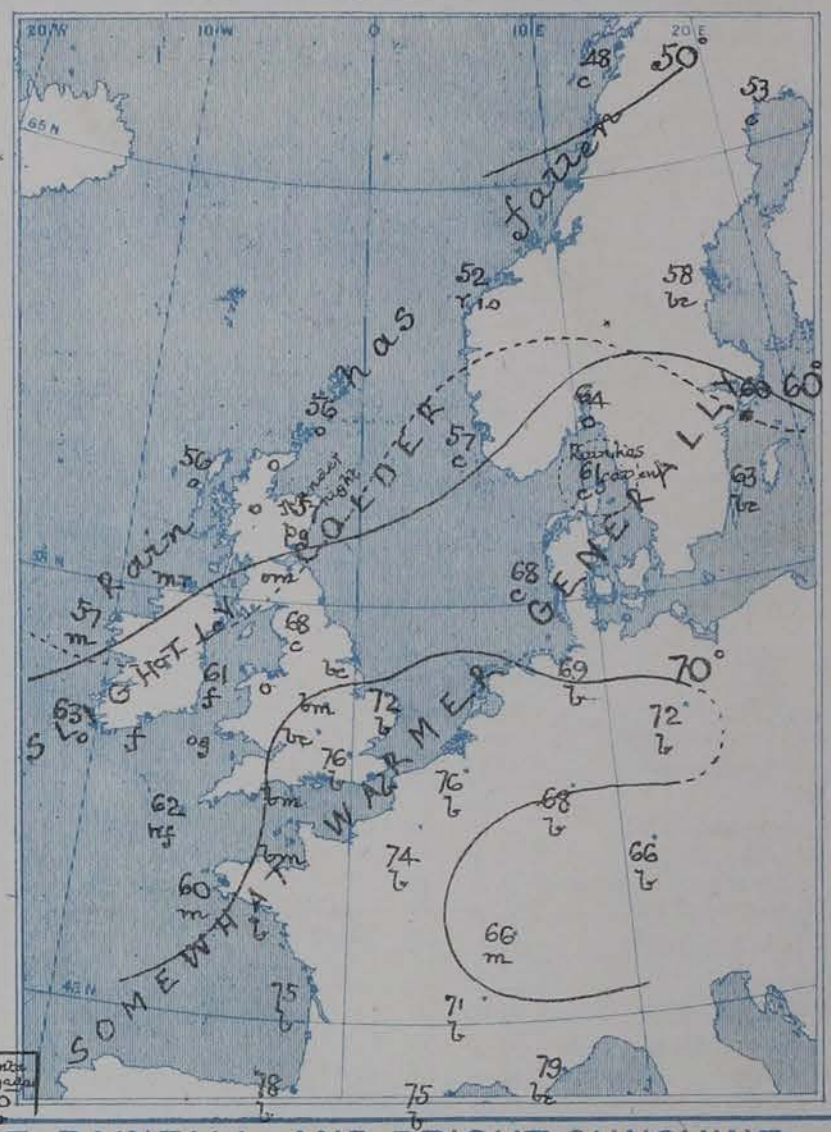


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins: and upwards over South Germany; 30.0 ins: and upwards in an anticyclone lying over the whole of Germany, Belgium and the east and south of France.
Lowest 29. 6 ins: and less in a shallow depression moving eastwards across the Gulf of Bothnia.
Gradients slight. Barometer falling slightly in most parts of the United Kingdom, rising at the Continental stations.

TEMPERATURE

Highest 79° at Nice, 78° at Biarritz, 76° in London and at Brussels and the Helder and 75° at Rochefort.
Lowest 48° at Bodo, 52° at Christiansund, 53° at Lafatenda, and 56° at all stations on the north coast of Scotland
During yesterday the thermometer rose to between 80° and 85° over the eastern and central parts of England generally, to 86° at Loughton and to 89° in London. At Paris also it rose to 87° and at Perpignan to 93°, while at Rochefort it is reported to have reached 104°

WIND

Light and variable over our Islands generally, but chiefly W^ly or SW^ly in the more central districts.
Light from the Eastward over the greater part of France and South Germany, and from the Southwestward over North Germany and the Netherlands.
Northwesterly in Scandinavia, and strong in force in places with a gale at Visby.

WEATHER

Fine over England as well as at most of the Continental stations.
Cloudy in Ireland and Scotland with rain at Malin Head and passing showers at Aberdeen; rain was also falling at Christiansund. Fog was again reported on many parts of our west & southwest coasts.
Rain fell yesterday in Scotland and the north of Ireland and distant thunder was heard at night at a few places.
The amount of Bright Sunshine registered yesterday was large in the east and south, (as much as 13.6 hours in London) but small in the north and northwest.

SEA

Smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone recently noticed over our Islands has passed on to Central Europe, but there are some indications (at present slight) of the advance of another high pressure system from the Atlantic. In the hollow separating these two areas shallow thunderstorm depressions are not unlikely to appear, and a temporary break in the weather seems therefore probable over England, commencing either tonight or tomorrow.

FORECASTS

For the 24 hours ending at NOON on JULY 26TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Variable or light Northwesterly airs; cloudy, local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Westerly winds light; fine at first, cloudy later; thunder-showers locally.
3	ENGLAND EAST	Light variable airs; fine at first, and very warm; cloudy and close later, with thunderstorms in places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	Same as Nos: 0 and 1.
7	ENGLAND N.W.	Westerly to Northwesterly winds, light; cloudy, some showers; thunder locally.
8	ENGLAND S.W.	
9	IRELAND NORTH	Northwesterly winds, light; cloudy; local showers.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

e.—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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.88	59	55	W	4	c	2
Sumburgh Head	29.77	58	56	WSW	4	c	4
Stornoway ...	29.87	60	55	WNW	5	c	5
Aberdeen	29.92	60	57	SE	2	a	3
Shields	29.96	76	59	WSW	3	c	2
Malin Head ...	29.93	57	56	E	2	f	2
Blacksod Pt. ...	29.92	62	61	S	5	o	4
Holyhead	30.02	66	62	SW	3	c	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA	SEA.
Valencia	29.99	70	64	SSE	2	bc	4
Scilly	30.00	68	66	SSE	2	ef	1
Jersey	30.07	81	71	E	2	b	2
Portland Bill ...	30.07	73	67	ESE	1	b	2
Dungeness ...	29.97	72	66	W	3	b	1
London (Westminster)	30.03	85	72	WSW	3	bc	*
Yarmouth ...	30.00	81	72	S	2	bc	3
Rochefort ...	29.95	101	79	E	1	b	*

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

Weather in morning fine over Wales, and Southern Europe as a whole, but dulls on our own western and eastern northern coasts, and foggy at the mouths of the English, Bristol and St. George's Channels. Cloudy in most of the northern and central countries, with rain at several of the Scandinavian stations, and also at Utacour and Vienna. Rain falling later over the whole of Scotland, and the north of Ireland, distant thunder heard at Aberdeen at night.

Temperature risen over our Islands and neighbouring parts of the Continent, fallen elsewhere, Morning readings highest 82° at Brindisi and Athens, and 81° at Perpignan; above 75° in many parts of Southern Europe and above 70° at most of the English stations. Lowest 46° at Bodö, 52° at Ulleaborg, 55° at Christiansund and 54° at Haparanda and Helsingfors. Rising during day to 85° and upwards over the Central parts of England and France and reaching 93° at Perpignan; remaining below 65° on our own eastern north and northwest coasts.

Wind light to moderate from the Southwest in most parts of Great Britain and also in Denmark and the south of Scandinavia, but Northwesterly on our own eastern north and northwest coasts; calm in the west of Norway. Light from the East or Northeast over France, the Spanish Peninsula, and the western parts of the English Channel; Southerly in the south of Ireland. Northwesterly in Eastern Germany and Austria; variable in Italy and Greece. Subsequently shifting to the Northwest over the Bay of Biscay and the Mouth of the Channel.

Barometer highest 30.0 ins: to 30.1 ins: and upwards in an anticyclone lying over Germany, the Netherlands, the greater part of England and France, and the south of Ireland. Lowest 29.7 ins: and less in a large shallow depression off the west of Norway, 29.8 ins: and less in a shallow system over Eastern Austria. Anticyclone moving slowly eastwards during day; depression off the Norwegian coast passing eastwards across the north of Scandinavia.

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 (haze); 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.
" Weekly " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday 26th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, Secretary.

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Baron. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M.S.L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb	Change since Yesterday.	Wind. Direc.	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 ...	29.62	54	NW	2	o	29.67	+.12	53	50		NW	2	o		o		57	50	—
	Hernösand ...	29.76	57	E	o	b	29.60	−.01	57	50	− 1	NE	2	b		b		70	52	—
	Stockholm ...	29.81	64	E	o	c	29.76	+.06	68	51	+ 8	E	o	o		c		73	59	—
	Wisby ...	29.86	65	SSW	4	b	29.78	.00	66	61	+ 3	NNW	4	b		b		70	57	—
	Karlstad ...	29.81	65	SW	2	b	29.75	−.02	62	59	− 1	W	2	o		b				—
	Bodo ...	29.84	47	NW	2	r	29.84	+.17	46	43	− 2	W	1	bc	1	r		52	43	.004
	Christiansund	29.86	51	WNW	4	o	29.89	+.10	51	49	− 1	ENE	5	r	4	o		54	48	0.20
	Skudesnaes ...	29.91	51	NNW	4	o	29.86	−.05	55	52	− 2	N	6	o	2	o		59	54	
	Færder (X'tiania Fjord)	29.78	64	SW	4	c	29.76	−.06	62	55	− 2	N	2	o	1	c		66	61	—
	The Scaw (Skagen)	29.86	62	E	o	o	29.78	−.12	61	59	o	W	3	o	o	o		64	59	—
	Fanö ...	29.89	65	W	4	c	29.80	−.15	65	64	− 3	SSE	1	r		c		72	61	0.12
British Islands	Sumburgh Head ...	29.88	54	NE	2	o	29.88	+.06	52	52	− 4	ENE	1	r	3	o		60	50	0.19
	Stornoway ...	29.89	58	E	o	o	29.90	+.05	57	56	+ 1	WNW	4	o	4	r, o	0.1	59	53	0.10
	Wick ...	29.88	55	S	2	o	29.89	+.05	58	55	+ 2	W	2	o	1	b, o, p		62	54	0.05
	Nairn ...	29.87	59	E	1	c	29.92	+.06	60	57	+ 4	W	1	c	1	c		61	53	0.02
	Aberdeen ...	29.89	55	NE	2	or g	29.94	+.08	61	57	+ 4	W	2	bc	1	og, f, rg	0.0	62	54	0.38
	Leith ...	29.86	61	WSW	1	o	29.97	+.13	64	58	+ 3	W	2	bc		o		72	54	—
	Shields ...	29.89	68	E	o	ow	29.97	+.10	59	57	− 9	WSW	3	bc	2	ow, p		72	55	—
	Spurn Head ...	29.86	76	SSE	4	bc	29.99	+.08	65	61	− 3	WNW	4	bc	2	bc		78	61	—
	Loughborough ...	29.86	81	WNW	1	c	30.04	+.10	65	60	− 8	W	4	cq		bc, g, c, b		86	59	—
	Malin Head ...	29.92	58	NW	2	og														
	Blacksod Pt. ...	29.99	58	NW	2	o	30.09	+.16	59	57	+ 2	WSW	2	o	2	o		60	51	0.10
	Donaghadee ...	29.92	58	NNW	3	o	30.06	+.19	59	57	− 4	WNW	2	bc	2	o		64	52	—
	Liverpool (Bidston) ...	29.92	64	WNW	3	bc	30.07	+.15	60	55	− 5	WNW	3	b	3	bc		64	58	—
	Holyhead ...	29.94	61	WSW	2	o	30.08	+.15	64	60	+ 3	NW	1	b	1	of, o		65	56	—
	Parsonstown ...	29.95	66	W	1	o	30.12	+.21	61	56	− 2	NW	1	o		o	0.0	67	56	—
	Valencia ...	29.99	63	WNW	2	o	30.12	+.18	61	59	− 2	N	2	o	3	em, o	0.8	67	58	—
	Roche's Point ...	29.97	66	SW	3	c	30.12	+.18	60	58	− 2	N	3	o	3	c		68	55	—
	Pembroke (St. Ann's Hd.)	29.96	61	W	1	f	30.07	+.13	62	61	o	NW	1	c	1	f	0.5	65	59	—
	Scilly ...	29.98	64	WNW	1	o	30.06	+.13	63	62	+ 1	WNW	1	cw	0	o	0.6	69	60	—
	Jersey (St. Aubin's) ...	29.96	74	WNW	3	b	30.09	+.12	66	61	− 8	N	3	o	3	b, w		81	61	—
France & Netherlands: Germany	Portland Bill ...	29.94	61	WSW	1	bmt	30.06	+.12	66	63	− 3	NW	1	bow	2	bm, t		73	60	—
	Dungeness ...	29.92	75	WNW	2	b	30.01	+.04	71	64	− 2	N	4	b	2	b		77	62	—
	London (Brixton) ...	29.87	86	WSW	3	b	30.04	+.08	69	62	− 7	NW	2	bc		bc, b, o	12.6	91	65	—
	Oxford ...	29.88	74	WSW	3	b	30.04	+.10	68	63	− 5	NW	2	b		b		89	61	—
	Yarmouth ...	29.84	73	SSE	2	b	29.97	+.02	68	63	− 4	NW	2	bc	3	b		78	62	—
	Cuxhaven ...	29.91	73	W	2	bc	29.82	−.19	71	69	+ 2	SW	2	b		bc		82	63	—
	Berlin ...	29.99	78	S	2	b	29.90	−.18	75	69	+ 3	SSW	4	b		b		86	68	—
	Frankfurt ...	30.00	75	SE	2	b	29.97	−.13	73	69	+ 5	SSW	2	b		b		90	66	—
	Munich ...	30.15	68	SE	1	b	30.13	−.05	72	66	+ 6	SW	2	b		b		79	59	—
	The Helder ...	29.89	77	E	o	b	29.86	−.11	69	64	− 9	WNW	2	b	2	b		81	66	—
	Brussels ...						29.97	−.06	75	69	− 1	WSW	3	b		b		91	66	—
	C. Gris Nez ...	29.94	84	WNW	1	b	29.97	.00	69	65	+ 1	W	1	m	1	b		88	64	—
	Paris ...	29.92	90	SE	1	b	30.02	+.02	75	66	+ 1	NW	2	b		b		94	63	—
	Brest ...	29.99	68	NNW	1	bc	30.08	+.14	61	61	+ 1	NNW	1	o	1	bc		82	60	—
	Lorient ...	29.98	78	W	2	b	30.07	+.09	64	62	− 9	NE	2	bc	1	b		88	61	—
	Rochefort ...	29.98	78	NW	1	b	30.00	+.80	76	71	+ 1	NE	1	c		b		93	70	—
	Belfort ...	29.99	82	E	o	m	30.04	+.02	76	69	+ 10	W	1	m		m		90	66	—
	Lyons ...	29.97	88	S	1	b	30.06	+.04	76	69	+ 5	E	1	b		b		94	66	—
	Nice ...																			
	Perpignan ...	30.01	76	NE	3	b	30.06	+.06	75	71	o	SW	1	bc		b		84	69	—
	Biarritz ...	29.92	79	NNW	3	b	29.97	+.06	75	72	− 3	W	3	o	2	b, r		86	72	—
Span. Pen.	Corunna ...																			
	Lisbon ...																			
	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 6.6 *hrs.*

WEATHER CHARTS

FOR Thursday, 26th July, 1900.

BAROMETER, WIND AND SEA.

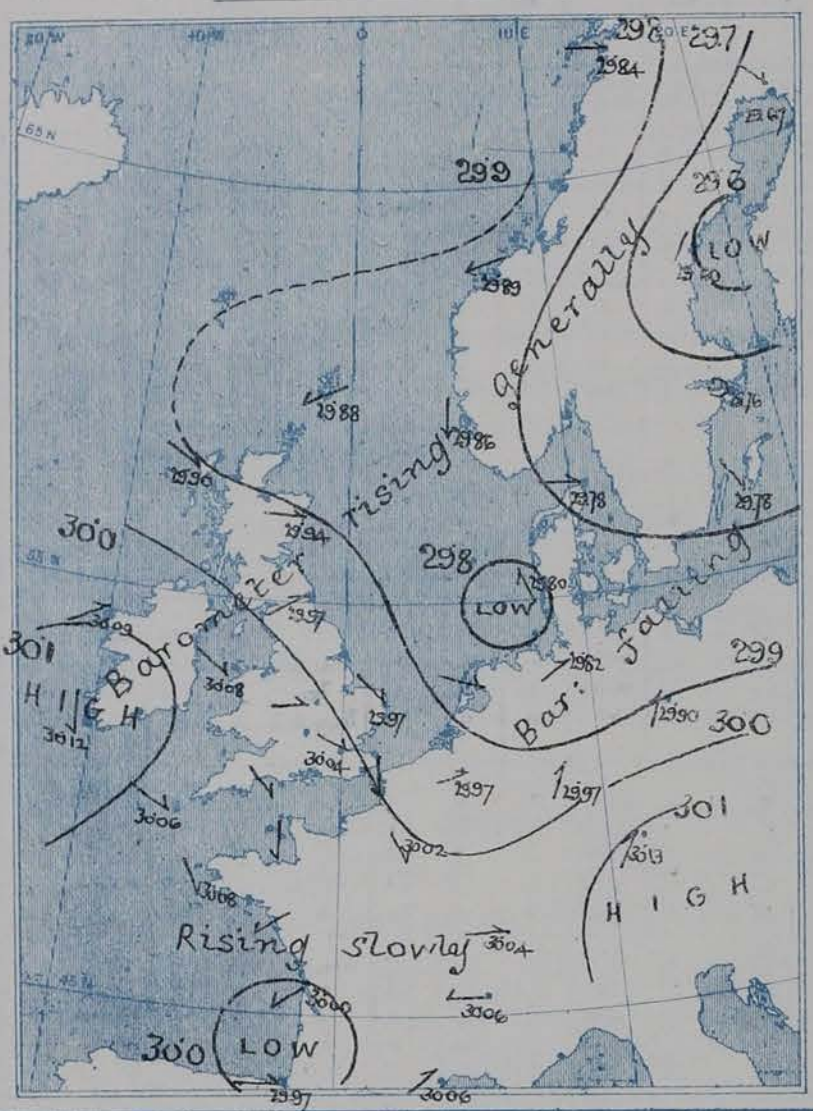
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1ins: and upwards in an anticyclone spreading from the westward over the south of Ireland, and also in another system over South Germany.
Lowest 29.6ins: and less in a depression over the Gulf of Bothnia; 29.2ins: and less in another disturbance near Faroe.
Gradients slight
Barometer rising generally, but falling in Denmark, Germany and the south of Scandinavia.

TEMPERATURE

Highest 76° at Belfast, Lyons and Rochefort and 75° at Berlin, Paris, Biarritz and Perpignan; highest in our Islands 71° at Dungeness.
Lowest 46° at Bodö 51° at Christiansund, 52° at Lerwick Head 53° at Kafjordaa & 55° at Thudonaes.
During yesterday the thermometer rose to 85° and upwards over the inland parts of England generally, and to 91° in London and at Wellington. At Rochefort it reached 93° and at Paris & Lyons 94°.

WIND

Light to moderate from the Westward or Northwestward over the greater part of our Islands and the neighbouring parts of the Continent but Northerly in the south of Ireland. Southwesterly in Belgium & Germany.
Northeasterly in the west of France but Westerly or Southwesterly in the south of that country.
Northeasterly to Northwesterly at the Scandinavian stations.

WEATHER

Fine over W.n and Central Europe generally but dull in the extreme west & north of our Islands with rain at Lerwick Hd.
Dull at most of the Scandinavian and Danish stations with rain at Christiansund and Faroe.
Rain fell yesterday in the northern parts of Ireland and Scotland thunder was heard at Wick and Portland Bill and lightning seen at night at Shields.
The duration of Bright Sunshine yesterday was large on our south coasts (over 14 hours at Eastbourne, Hastings, and Worthing) but very small in Ireland and Scotland; at Aberdeen and Papa Stour there was none.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over Central Europe appears to be giving way, but the new system from the Atlantic is advancing steadily over the more southern parts of our Islands. Dry weather will probably continue over England, and the decrease in temperature noticed today is not likely to prove permanent.

FORECASTS

For the 24 hours ending at NOON on JULY 27TH 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Westerly to Northwesterly winds; light; fair generally, but local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No: 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Northwesterly winds, light; fair generally; rather cooler temporarily.
6	SCOTLAND WEST	Same as Nos: 1 and 1.
7	ENGLAND N.W.	Same as No: 5.
8	ENGLAND S.W.	
9	IRELAND NORTH	Northwesterly winds, backing later; fair at first; then cloudy, probably 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.93	58	55	NNW	2	o	2
Sumburgh Head	29.87	57	56	W	1	o	2
Stornoway... ...	29.88	57	55	SSE	2	r	3
Aberdeen	29.89	57	56	NE	2	og	2
Shields	29.87	67	64	C	0	ow	2
Malin Head ...	29.89	57	56	NNW	3	og	3
Blacksod.Pt. ...	29.98	60	56	NW	2	o	2
Holyhead	29.94	64	62	WSW	2	of	1
Valencia	29.97	66	64	SW	2	o	4
Scilly	29.98	65	63	W	1	o	1
Jersey	29.96	80	70	W	3	b	3
Portland Bill ...	29.95	69	65	WSW	1	bm	1
Dungeness ...	29.95	75	69	S	1	b	1
London (Westminster)	29.89	90	74	WSW	4	be	*
Yarmouth ...	29.91	73	66	SSE	3	b	3
Rochefort ...	29.93	89	79	NW	1	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 cloudy or dull over Russia and the Baltic, with rain at Ulleaborg; rain was also falling at Christiansund. Dull in Ireland and Scotland, with passing showers at Aberdeen and Malin Head. Rain falling later in the northern parts of Ireland and Scotland, thunder occurring at Portland Bill, and lightning seen at Shields and Biarritz.

Temperature fallen in the northern parts of the United Kingdom, as well as in many parts of Scandinavia and Northern Russia, risen elsewhere. Morning readings highest 83° at Leghorn and Athens, 82° at Barcelona, and 80° at Trieste; above 75° in many parts of Southern Europe and also in London, and at Brussels and the Helder. Lowest 48° at Bodö, 51° at Ulleaborg, 52° at Christiansund and 55° at Kuopio. Rising during day to 85° and upwards over the inland parts of England and to 91° in London and at Hillington, exceeding 90° also in France, and reaching 94° at Paris and Lyons.

Wind rather variable in our Islands but chiefly S^rly. in the more central districts,—W^ly. or NW^ly. over Scandinavia & the Baltic, and strong in places, with a gale at Wisby; light from the S.W. over Northern Russia. E^ly. or NE^ly. in France, but variable over Central and Southern Europe as a whole. W^ly. or NW^ly. breezes setting in later on all our own western and southern coasts.

Barometer highest 30.1 ins: and upwards over S. Germany; 30.0 ins: and upwards in an anticyclone lying over the whole of Germany, Austria, Northern Italy and the east and south of France. Lowest 29.5 ins: and less in a depression moving eastwards across Lapland; 29.9 ins: and less in a shallow disturbance over Iceland. Latter disturbance also moving eastwards during day but small depression forming over 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.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday 27th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									LAST 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	29.74	51	N	4	o	29.75	+ .08	52	49	— 1	N	4	c	.	o	.	55	48	0.20
	Hernösand	29.80	56	2	o	b	29.87	+ .07	54	47	— 3	N	4	b	.	b	.	66	50	0.04
	Stockholm	29.76	57	NE	2	o	29.89	+ .13	59	55	— 9	N	2	b	.	o	.	72	55	0.32
	Wisby	29.69	61	NNE	6	o	29.80	+ .11	62	56	— 4	NNE	4	bc	.	o	.	66	57	0.12
	Karlstad	29.80	60	E	2	o	29.95	+ .20	58	52	— 4	NE	2	bc	.	o	.	.	.	0.16
	Bodö	29.92	48	2	o	b	29.95	+ .11	48	45	+ 2	WSW	2	b	1	b	.	52	43	—
	Christiansund ...	29.99	5.	NE	3	bc	30.08	+ .14	51	46	0	WNW	4	c	3	bc	.	54	46	—
	Skudesnaes ...	29.96	55	NNW	4	b	30.05	+ .19	55	52	0	NNW	6	c	2	b	.	59	50	.
	Færder (X'iania Fjord)	29.79	65	WSW	2	c	29.95	+ .19	60	55	— 3	ENE	4	b	2	c	.	66	59	—
	The Scaw (Skagen)	29.83	65	W	1	b	29.90	+ .12	64	62	+ 3	NNW	1	b	0	b	.	70	59	—
	Fanö	29.97	59	WNW	4	b	30.05	+ .25	62	57	— 3	WNW	4	b	.	b	.	70	57	—
British Islands	Sumburgh Head ...	29.93	50	NE	..	o	30.07	+ .19	54	51	+ 2	NE	2	b	3	r.o	.	57	48	0.19
	Stornoway	30.00	60	WNW	4	o	30.06	+ .16	56	54	— 1	WNW	3	c	3	c,o	4.5	64	52	0.02
	Wick	29.98	56	W	3	c	30.06	+ .17	60	58	+ 2	W	1	o	1	c	.	63	56	0.13
	Nairn	30.02	59	W	1	r	30.08	+ .16	58	55	— 2	W	2	c	1	r	.	68	49	—
	Aberdeen	30.02	58	E	1	cp	30.10	+ .16	58	54	— 3	NNE	1	c	1	bcp, cp	3.3	64	54	0.19
	Leith	30.03	66	WNW	2	b	30.09	+ .12	64	58	0	W	2	b	0	b	.	72	51	—
	Shields	30.06	65	W	3	c	30.10	+ .13	61	57	+ 2	W	2	c	2	c	.	67	56	—
	Spurn Head ...	30.12	64	NE	2	b	30.12	+ .13	62	61	— 3	SE	3	c	2	b	.	72	59	—
	Loughborough ...	30.08	74	WNW	2	bc	30.11	+ .07	60	58	— 5	ESE	1	anw	.	c,bc,com	.	75	53	—
	Malin Head ...	30.08	63	W	2	b	30.08	+ .06	61	58	+ 2	S	1	bc	1	bc, b	.	63	54	—
	Blacksod Pt. ...	30.13	63	WSW	1	b	30.06	— .03	61	58	+ 2	SE	3	bc	2	b	.	64	51	0.12
	Donaghadee ...	30.10	58	SSE	1	o	30.12	+ .06	58	56	— 1	E	1	bc	0	o	.	65	50	0.01
	Liverpool (Bidston)	30.10	64	W	2	b	30.09	+ .02	64	62	+ 4	Z	0	b	?	b	.	66	57	—
	Holyhead	30.13	60	NW	1	b	30.09	+ .01	62	59	— 2	ENE	2	bc	1	b	.	65	57	—
	Parsonstown ...	30.12	65	NNW	1	o	30.08	— .04	64	60	+ 3	E	1	b	.	bc.o	5.9	71	48	—
	Valencia	30.13	65	W	1	bcr	30.01	— .11	65	60	+ 4	ENE	2	c	3	cr, bcr	9.1	66	52	—
	Roche's Point ...	30.15	65	SE	1	b	30.06	— .06	60	59	0	SE	2	cf	2	b	.	69	54	—
	Pembroke (St. Ann's Hd.)	30.11	65	NE	2	b	30.01	— .06	62	58	0	NE	4	bc	2	b	6.7	70	60	—
	Scilly	30.08	65	NNW	2	bc	29.95	— .11	63	61	0	NE	4	bc	0	c, bc	7.0	69	61	—
	Jersey (St. Aubin's) ...	30.07	71	NW	3	cnw	29.95	— .14	72	66	+ 6	ENE	3	bm	3	bc, cm, b	.	75	64	—
	Portland Bill ...	30.08	67	WNW	1	b	30.02	— .04	65	64	— 1	ENE	4	cm	3	bm	.	71	60	—
	Dungeness	30.06	71	SW	1	b	30.07	+ .06	66	64	— 5	E	4	c	2	b	.	77	62	—
	London (Brixton) ...	30.06	77	WNW	1	b	30.08	+ .04	68	62	— 1	SE	2	bc	.	bc, bl	8.2	80	60	—
	Oxford	30.07	70	N	1	bc	30.07	+ .03	67	62	— 1	ESE	1	.	.	bc	.	79	58	—
	Yarmouth	30.06	68	NE	3	b	30.10	+ .13	64	60	— 4	ENE	3	bv	3	b	.	71	59	—
Germany.	Cuxhaven	29.97	68	WNW	3	o	30.08	+ .26	64	60	— 7	NNW	2	c	.	o	.	77	61	—
	Berlin	29.86	82	WNW	4	bc	30.05	+ .15	64	60	— 11	WNW	3	o	.	bc	.	93	63	—
	Frankfürt	29.98	78	N	2	b	30.07	+ .10	71	66	— 2	NE	4	b	.	b	.	95	66	—
	Munich	30.11	77	2	o	b	30.13	.00	76	67	+ 4	SW	3	b	.	b	.	88	66	—
France & Netherlands.	The Helder ...	30.02	64	NW	3	o	30.09	+ .23	66	61	— 1	N	1	bc	1	o	.	68	61	—
	Brussels	.	.	.	.	.	30.12	+ .15	61	59	— 14	NE	1	c	.	b	.	82	56	—
	C. Gris Nez ...	30.04	69	ENE	1	b	30.05	+ .08	63	60	— 4	E	2	c	1	b	.	77	59	—
	Paris	30.02	87	NNW	2	b	30.02	.00	70	66	— 5	NE	2	b	.	b	.	92	67	—
	Brest	30.05	69	N	2	b	29.91	— .17	64	62	+ 3	NE	1	b	1	b	.	72	59	—
	Lorient	30.01	79	2	o	b	29.90	— .17	67	62	+ 3	E	2	c	1	b	.	84	63	—
	Rochefort	29.93	77	NW	2	bc	29.88	— .12	73	70	— 3	SW	2	bc	.	bc	.	88	70	—
	Belfort	29.97	89	2	o	bc	30.00	— .04	78	67	+ 2	SE	1	bc	.	bc	.	95	66	—
	Lyons	29.99	90	S	1	b	30.01	— .05	75	66	— 1	ESE	1	b	.	b	.	96	67	0.04
	Nice	30.06	81	SW	2	bc	30.00	— .06	80	68	— 2	Z	0	b	0	bc	.	91	72	—
	Perpignan	30.02	77	NE	3	bc	30.01	— .05	74	72	— 1	Z	0	o	.	bc	.	85	68	—
	Biarritz	29.93	77	NNE	2	c	29.94	— .03	74	72	— 1	W	1	o	2	c	.	?	72	—
Span. Pen.	Corunna																.			
	Lisbon	30.02	68	N	5	b	30.02	— .04	69	64	0	NE	4	c	.	b	.	81	68	—
	Azores (P. Delgada)	30.28	68	N	1	b	30.26	+ .03	70	65	+ 1	NNE	2	c	2	b	.	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 recorded on the Tower of the Wesleyan Training College, Westminster.*

Bright Sunshine yesterday Southport 13.5 *hrs.*

WEATHER CHARTS

FOR Friday, 27th July, 1900.

BAROMETER, WIND AND SEA.

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

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

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

Force 8 to 10 ⟩⟶ : *Force 1 to 4* ⟶ : }

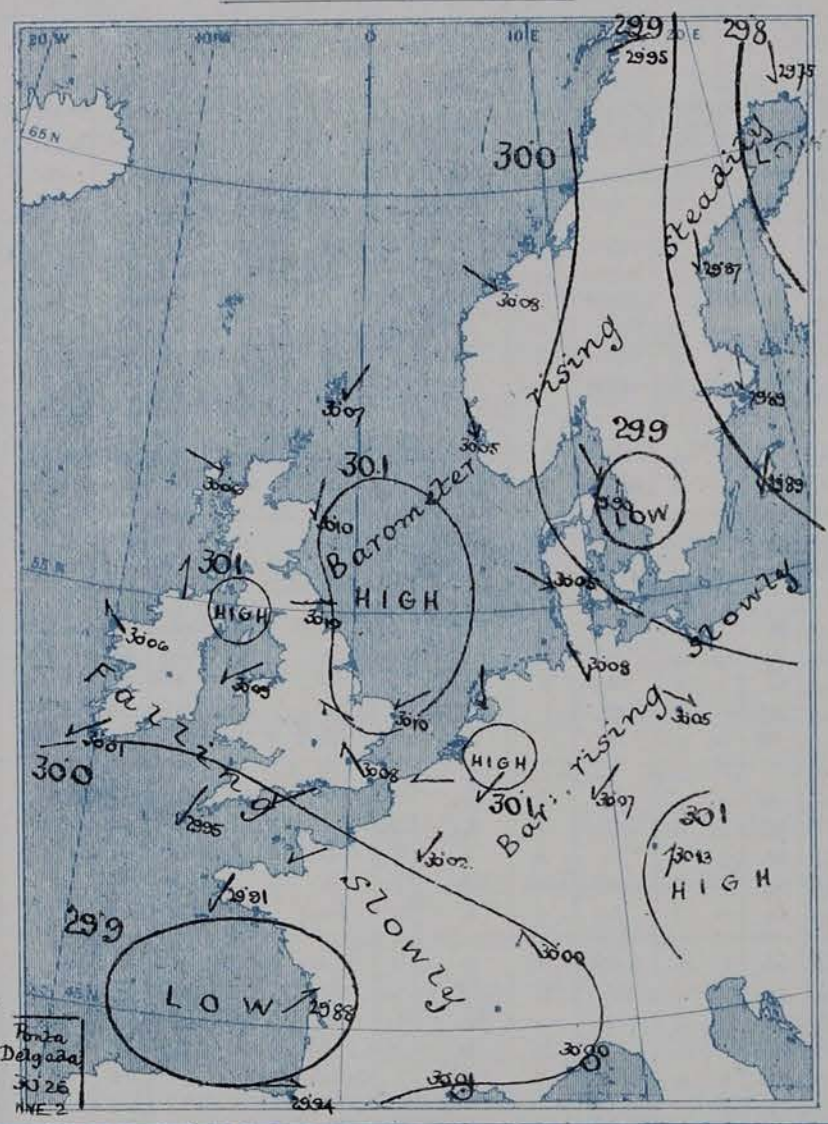
SEA.—Rough ▒ : *High* ▓

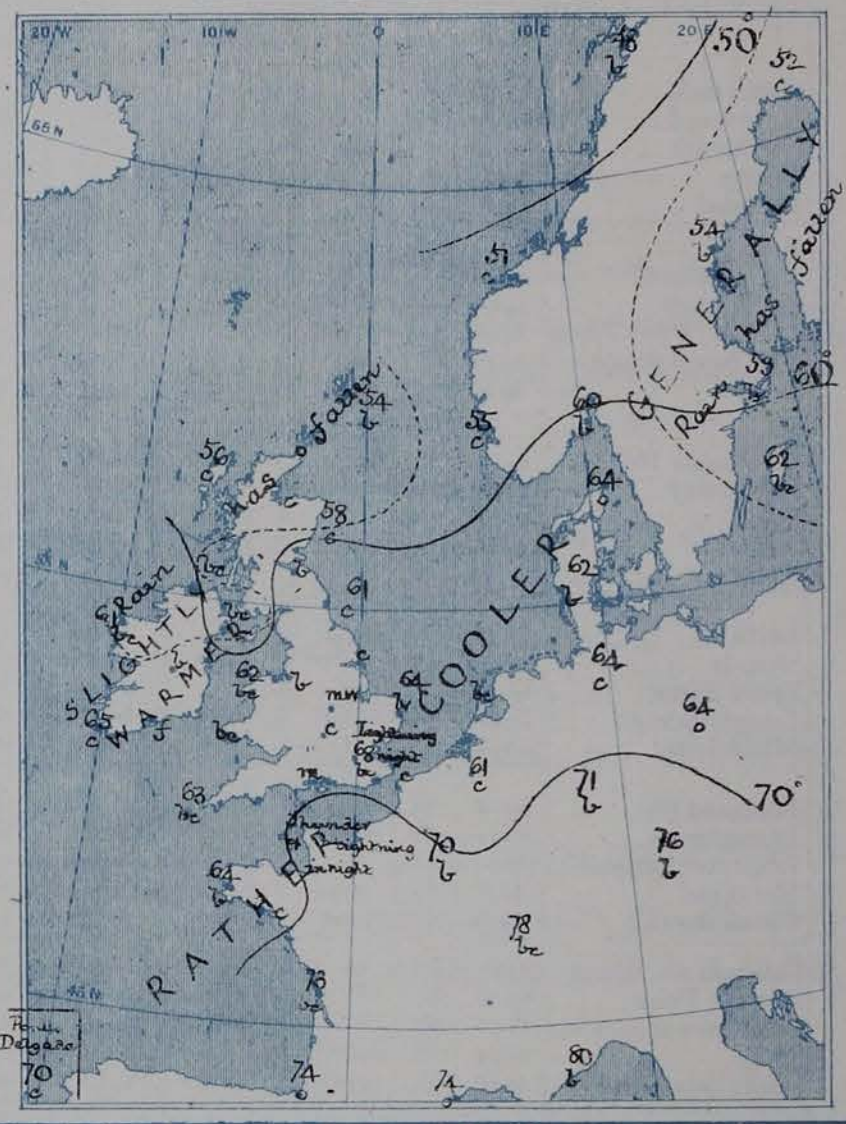
TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	29·917	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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins: to 30.1 ins: and upwards over our Islands, the North Sea, the west of Norway, Denmark Germany and the Netherlands.
Lowest 29.8 ins: and less in Lapland; 29.9 ins: and less in a shallow depression over the Bay of Biscay.
Gradients slight. Barometer falling in the south of our Islands, and in the west and south of France, but rising elsewhere.

TEMPERATURE

Highest 80° at Nice, 78° at Belfort, 76° at Munich, 74° at Biarritz and Perpignan, 73° at Rochefort, and 72° at Jersey.
Lowest 48° at Bodö; 51° at Christiansund, 52° at Haparanda and 54° at Haparanda and Stornoway 56°.
During yesterday the thermometer rose to 75° and upwards over the inland parts of England and to 80° in London. At Nice it rose to 91°, at Paris to 92°, and at Belfort to 95°.

WIND

Light to moderate from the Eastward or Northeastward over Ireland, England and the north of France; Southwesterly or Westerly in the southwest of France; calm in the extreme south of that country; Westerly in Scotland; Northwesterly or Northerly over Scandinavia, Denmark and North Germany.

WEATHER.

Fine over Western Europe as a whole, but dull at some of the southern French stations.
A little rain again fell yesterday in the northern parts of Ireland and Scotland and also in Sweden; thunder and lightning occurred at Jersey at night, and lightning was seen in London.
The amount of Bright Sunshine registered yesterday was small in Scotland but large at many of the English stations; at Southport there was as much as 13.5 hours.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone which advanced over our west coasts yesterday has moved northeastwards across the United Kingdom. The barometer is now falling over our southern coasts and in France; and a shallow depression has appeared over the Bay of Biscay. The disturbance seems likely to move slowly in a northerly or northwesterly direction, and to occasion thundershowers tonight in some parts of our southwestern districts.

FORECASTS

For the 24 hours ending at NOON on JULY 28TH 1900

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Westerly to variable breezes; fair generally; warmer.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Light breezes, chiefly Easterly; fine, warm.
3 ENGLAND EAST	Easterly winds light or moderate; fine, warm.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as Nos: 0 and 1.
7 ENGLAND N.W.	Same as No: 2.
8 ENGLAND S.W.	Northeasterly to Easterly winds, moderate; fine at first unsettled later, with local thundershowers.
9 IRELAND NORTH	Same as No: 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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29·89	59	54	NNW	6	b	2
Sumburgh Head	29·91	54	54	WSW	2	r	3
Stornoway... ...	29·97	64	58	WNW	5	c	5
Aberdeen	29·99	60	58	E	2	bp	1
Shields	30·05	65	60	ENE	1	c	2
Malin Head ...	30·07	63	60	W	2	bc	2
Blacksod Pt. ...	30·13	63	59	WSW	2	b	2
Holyhead	30·14	64	59	NW	2	b	1
Valencia	30·14	64	58	NW	3	cv	4
Scilly	30·09	67	64	WNW	1	c	0
Jersey	30·10	72	65	NE	3	bc	3
Portland Bill ...	30·09	69	65	SW	1	b	2
Dungeness ...	30·06	73	67	SW	2	b	2
London (Westminster)	30·05	76	66	NW	1	bc	*
Yarmouth ...	30·04	69	64	NNE	3	b	3
Rochefort ...	29·96	81	71	NNE	2	o	*

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 dull on our own eastern and southern coasts, with rain at Sumburgh Head. Cloudy also at several stations in Scandinavia and Northern Russia, with rain at Christiansund, Fanö and Memel. A little rain falling later in the northern parts of Ireland and Scotland and also in Sweden; thunder and lightning occurring at Jersey at night, and lightning seen in London.

Temperature fallen over England and Ireland and also in Spain, rain in most other countries. Morning readings highest, 82° at Nice, Toulon and Athens, and 81° at Trieste & Patras, above 75° in many parts of Southern Europe, and also in some parts of Northern Germany. Lowest 46° at Bodö, 48° at Archangel, 51° at Christiansund, and 52° at Sumburgh Hd.. Rising during day to 75° and upwards over the inland parts of England, and to 88° in London; exceeding 90° at several of the French and German stations, and reaching 95° at Belfort and Frankfort.

Wind light to moderate from the West or Northwest over our Islands and the adjacent parts of the Continent; calm & variable over the central and southern parts of France, Northeasterly over the Bay of Biscay and the Spanish Peninsula. Northeasterly over the central parts of Scandinavia, Northwesterly over Russia and the south of Scandinavia; Southerly or Southwesterly in Germany, calm in Austria. No important change occurring during day.

Barometer Highest 30.0 ins: to 30.1 ins: and upwards in an anticyclone lying over the greater part of Ireland and England, and nearly the whole of Western, Central, and Southern Europe. Lowest 29.6 ins: and less in a depression over Northern Russia. No important change occurring over Western Europe during day, but barometer beginning to fall slightly over France 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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DAILY WEATHER REPORT

for 8 a.m. on Saturday 28$^{th}_{th}$ July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *Secretary.*

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb	Wind. Direc.	Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Change since Yesterday.	Temperature. Dry Bulb	Wet Bulb.	Change since Yesterday.	Wind. Direc.	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	29.77	48	N	4	o	29.80	+.05	43	42	−9	NE	2	r	•	o	•	55	48	0.12
	Hernösand	29.93	55	NW	6	b	29.99	+.12	55	47	+1	NW	6	b	•	b	•	64	50	—
	Stockholm	29.99	57	2	0	b	30.06	+.17	58	50	−1	NNW	7	b	•	b	•	70	52	—
	Wisby	29.97	62	N	4	bc	30.06	+.17	61	53	−1	NNE	4	b	•	bc	•	64	54	—
	Karlstad	30.01	60	NW	2	b	30.12	+.17	57	50	−1	NNE	2	b	•	b	•	•	•	—
	Bodö	29.98	50	W	2	b	30.03	+.08	49	45	+1	2	0	bc	1	b	•	54	41	—
	Christiansund ...	30.13	53	NNW	4	bc	30.19	+.11	53	49	+2	N	2	c	2	bc	•	55	50	—
	Skudesnaes ...	30.06	57	NNW	4	b	30.05	.00	57	55	+2	2	0	b	1	b	•	61	50	
	Færder (X'iania Fjord)	30.02	57	WSW	1	b	30.10	+.15	61	57	+1	NE	1	b	1	b	•	66	54	—
	The Scaw (Skagen)	30.02	60	NW	1	b	30.09	+.19	63	59	−1	SE	2	b	0	b	•	68	57	—
	Fanö	30.07	57	W	2	b	30.06	+.01	60	57	−2	ENE	3	b	•	b	•	67	50	—
British Islands	Sumburgh Head ...	30.09	55	E	2	c	30.04	−.03	54	51	0	ENE	2	o	3	b, c	•	58	46	—
	Stornoway	30.05	60	SE	2	c	29.91	−.15	57	54	+1	ESE	4	c	4	o, c	5.6	60	50	—
	Wick	30.08	57	W	1	bc	29.98	−.08	56	54	−4	S	4	c	3	bc	•	60	50	0.03
	Nairn	30.05	60	E	1	bc	29.94	−.14	58	55	0	E	2	c	1	bc	•	65	52	—
	Aberdeen	30.09	57	E	1	c	29.95	−.15	56	54	−2	E	4	ogq	4	c, r	1.7	64	53	0.03
	Leith	30.03	64	ENE	2	c	29.86	−.23	59	57	−5	E	2	o	•	c	•	74	55	—
	Shields	30.04	62	E	2	c	29.86	−.24	59	59	−2	E	3	r	3	bc, c	•	65	57	0.15
	Spurn Head ...	29.98	61	ESE	5	c	29.77	−.35	61	59	−1	ESE	6	c	5	c, r	•	67	58	0.09
	Loughborough ...	29.95	72	ESE	4	o	29.73	−.38	64	62	+4	ESE	2	ogm	•	thp, og	•	80	59	0.24
	Malin Head ...	29.99	60	ESE	3	b	29.76	−.32	56	56	−5	ESE	5	r	3	b	•	64	55	0.15
	Blacksod Pt. ...	29.91	62	W	3	o	29.73	−.33	61	59	0	WSW	3	bc	2	b, o, 2	•	71	58	0.27
	Donaghadee ...	30.01	61	NNE	2	bc	29.76	−.36	56	55	−2	E	5	rw	4	bc	•	63	54	0.80
	Liverpool (Bidston)	29.91	70	2	0	o	29.70	−.39	60	59	−4	E	3	r	?	o	•	71	58	0.33
	Holyhead	29.94	62	N	1	om	29.69	−.40	61	60	−1	SE	1	o	1	bc, om, thr	•	66	58	0.48
	Parsonstown ...	29.90	69	E	1	c	29.75	−.33	57	56	−7	SW	1	or	•	c	9.0	74	55	0.13
	Valencia	29.87	68	SSE	1	bc	29.72	−.29	62	60	−3	2	0	op	3	c, bc	8.2	72	55	0.14
	Roche's Point ...	29.89	66	ESE	4	c	29.73	−.33	62	60	+2	2	0	o	1	c, thr	•	68	59	0.15
	Pembroke (St. Ann's Hd.)	29.86	68	E	2	o	29.68	−.33	61	60	−1	WSW	3	om	2	c, o	3.9	71	59	0.02
	Scilly	29.79	69	NNW	1	c	29.76	−.19	64	62	+1	WSW	4	op	1	bc, c	10.9	72	61	—
	Jersey (St. Aubin's) ...	29.78	76	E	3	b	29.87	−.08	66	63	−6	WSW	5	c	4	opt, b, 2	•	84	63	0.01
	Portland Bill ...	29.82	66	ENE	4	cm	29.78	−.24	62	62	−3	WSW	4	om	3	opthr, cm	•	68	59	0.15
	Dungeness	29.94	64	E	6	o	29.80	−.27	64	63	−2	W	3	o	3	o	•	70	63	0.17
	London (Brixton) ...	29.91	61	ESE	4	c	29.76	−.32	65	63	−3	SSW	2	o		c, thr, op	5.6	80	60	0.62
	Oxford	29.93	60	E	1	o	29.74	−.33	63	62	−4	S	2	o		c, thr	•	80	58	0.22
	Yarmouth	29.98	65	SE	3	cbr	29.77	−.33	63	62	−1	ESE	6	c	5	b, cbr, thr	•	67	61	0.08
France & Netherlands. Germany.	Cuxhaven	30.07	66	SW	2	b	30.03	−.05	61	59	−3	E	3	o	•	b	•	68	59	—
	Berlin	30.04	70	NW	3	b	30.06	+.01	68	60	+4	SE	3	bc	•	b	•	81	61	—
	Frankfürt	29.97	75	NE	2	b	29.95	−.12	70	64	−1	NNE	4	c	•	b	•	86	66	—
	Munich	30.07	76	2	0	bc	30.04	−.09	72	64	−4	SW	2	b	•	bc	•	86	63	—
	The Helder ...	30.02	67	NE	3	bc	29.90	−.19	67	62	+1	E	2	bc	2	bc	•	70	63	—
	Brussels	*	*	*	*	*									•		•			
	C. Gris Nez ...	29.91	64	NE	5	o	29.80	−.25	70	66	+7	S	2	o	2	o	•	77	59	0.12
	Paris														•		•			
	Brest														•		•			
	Lorient	29.84	71	W	4	bc	29.90	.00	65	62	−2	WNW	3	bc	2	bc	•	84	64	—
	Rochefort	29.89	71	WNW	3	o	29.91	+.03	69	67	−4	WNW	1	o	•	o	•	81	69	—
	Belfort †	29.88	84	ENE	3	bc	29.91		75	67		2	0	m	•	bc	•	90	67	0.12
	Lyons	29.88	87	ESE	1	bc	29.94	−.07	76	67	+1	ESE	1	b	•	bc, tl	•	96	69	—
	Nice														•		•			
	Perpignan														•		•			
	Biarritz	29.91	74	NW	3	o	29.91	−.03	70	68	−4	2	0	o	2	o	•	81	68	—
Span. Pen.	Corunna														•		•			
	Lisbon	29.95	66	N	5	b	29.95	−.07	68	62	−1	NNE	5	b	•	b	•	82	63	—
	Azores (P. Delgada)	30.25	71	WNW	3	o	30.16	−.10	72	68	+2	WNW	3	c	3	o	•	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 10·0 hrs.

WEATHER CHARTS

FOR Saturday, 28th July, 1900.

BAROMETER, WIND AND SEA.

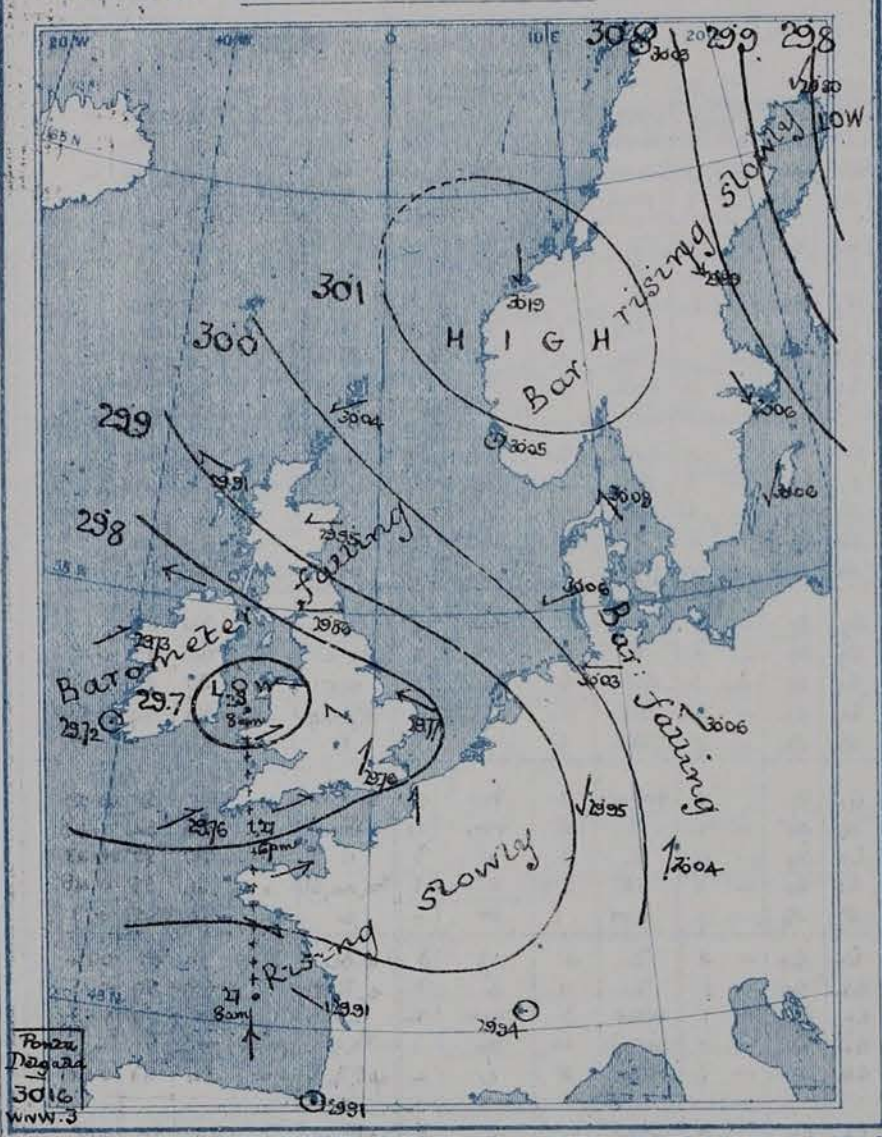
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins: and upwards in an anticyclone over the southern parts of Norway.
Lowest 29·7 ins: and less in a depression with its centre over the St. George's Channel.
Gradients slight. Barometer falling in all but the extreme southern parts of our Islands as well as over the Netherlands, Germany and the eastern shores of the North Sea; rising in France and also in Scandinavia.

TEMPERATURE

Highest 76° at Lyons, 72° at Munich, 70° at Cape Gris Nez, Frankfort and Biarritz; highest in our Islands 66° at Jersey and 65° in London.
Lowest 43° at Kafatanda, 49° at Bodo, 53° at Christiansund, 52° at Thurlough 36th & 35° at Haparanda.
During yesterday the thermometer rose to 80° at Loughborough, London and Cardiff, and to 81° at Jersey; on our extreme north and northwest coasts it did not reach 65°.

WIND

Moderate from the W.ward or S.ward in the south of England, and the north and west of France.
Calm in the south of Ireland; Easterly or Southeasterly over all the more northern and eastern parts of the United Kingdom and strong in force on the east coasts of England.
Northerly at the Scandinavian stations.

WEATHER

Cloudy or dull over Western Europe as a whole with rain in many parts of Ireland and the north of England and passing showers at Scilly.
Fine at most of the Scandinavian and Danish stations, but rainy at Kafatanda.
Since yesterday morning thunderstorms have occurred in many parts of England and Ireland and rain has fallen over nearly the whole Kingdom, the largest amount being 0·8 inch at Donaghadee, and 0·6 inch in London.

SEA

Moderate to smooth generally, but rather rough off the east coasts of England.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed yesterday morning over the Bay of Biscay has moved northwards, its centre being now shown over Cardigan Bay. Small secondary systems have also advanced directly over England and France. The barometer is now rising again at our southern and the French stations, and a temporary improvement in the weather is probable with however thundershowers in a few places.

FORECASTS

For the 24 hours ending at NOON on JULY 29TH 1900

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Easterly winds, freshening; dull, some rain, thunder locally.	6 SCOTLAND WEST	Same as Nos: 0 and 1.
1 SCOTLAND EAST		7 ENGLAND N.W.	Easterly to variable breezes; dull, some rain, thunderstorms locally.
2 ENGLAND N.E.	Easterly and Southeasterly winds, moderate; changeable, some rain; thunderstorms locally.	8 ENGLAND S.W.	Same as Nos: 4 and 5.
3 ENGLAND EAST		9 IRELAND NORTH	Same as No: 7.
4 MIDLAND COUNTIES	Southwesterly winds, moderate, or fresh; changeable, some showers; thunder locally.	10 IRELAND SOUTH	Variable breezes, finally Southwesterly; changeable, some showers; thunder locally.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·09	61	55	NNW	6	b	2
Sumburgh Head	30·10	57	54	ENE	2	b	3
Stornoway... ...	30·07	60	57	SSW	4	o	4
Aberdeen	30·11	59	56	E	2	c	1
Shields	30·09	63	59	E	2	bc	2
Malin Head ...	30·04	63	61	ESE	3	b	1
Blacksod Pt. ...	29·99	70	63	SE	3	b	2
Holyhead	30·01	66	60	NNE	2	bc	1
Valencia	29·94	70	63	S	2	c	3
Scilly	29·88	71	66	NE	2	bc	0
Jersey	29·85	77	70	ENE	3	c	3
Portland Bill ...	29·94	63	61	ENE	5	cpt	4
Dungeness ...	29·96	68	64	E	6	o	4
London (Westminster)	29·99	72	62	ESE	4	c	*
Yarmouth ...	30·07	66	63	E	3	b	3
Rochefort ...	? 29·88	80	73	2	0	o	*

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 dull at some of the southern French stations, and also over Northern Russia, with rain at Kuopio. Thunderstorms occurring later in many parts of England, Ireland and France, with heavy rain in places.

Temperature fallen generally, but risen in Ireland and the north of France. Morning readings highest, 84° at Toulon, and 83° at Barcelona, Trieste and La Calle; above 75° in many parts of Southern Europe. Lowest, 44° at Archangel, 43° at Bodö and 51° at Christiansund and Kuopio. Rising during day to 80° and upwards at several of the English stations, and to 84° at Jersey; reaching 86° at Frankfort and Munich and 90° at Lyons.

Wind light to moderate from the Eastward or Northeastward over Ireland, England the Netherlands and the north of France; Southwesterly or Westerly in the Southwest of France; calm in the extreme south of that country. Northerly or Northwesterly over Scandinavia, Denmark, Germany and Northern Russia; variable over Austria and Italy; Northeasterly over the Spanish Peninsula. Easterly wind freshening considerably over the English Channel later. No decided change occurring elsewhere.

Barometer Highest 30·1 inches and upwards in several distinct areas lying over various parts of our Islands, the North Sea, the Netherlands and Germany. Lowest 29·44 inches and less in a depression over Northern Russia; 29·9 inches and less in a shallow disturbance over the Bay of Biscay, and also in a larger area over the eastern part of the Mediterranean. Depression over the Bay of Biscay subsequently moving northwards and small shallow secondaries advancing in a similar direction over France and 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.

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„ Weekly „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Sunday 29TH JULY, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., 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	29.89	48	NNW	2	c	29.93	+ .13	48	43	+ 5	NW	6	b	•	c	•	50	43	0.12
	Hernösand	30.07	57	NW	2	b	30.12	+ .13	54	53	— 1	NW	4	b	•	b	•	64	48	—
	Stockholm	30.07	57	SE	2	c	30.13	+ .07	61	53	+ 3	N	2	b	•	c	•	68	50	—
	Wisby	30.08	59	WNW	4	b	30.12	+ .06	63	56	+ 2	WNW	4	b	•	b	•	63	52	—
	Karlstad	30.06	62	S	2	b	30.08	— .04	61	55	+ 4	ENE	2	c	•	b	•	•	•	—
	Bodö	30.09	50	W	2	bc	30.05	+ .02	48	46	— 1	W	4	c	2	bc	•	54	45	0.20
	Christiansund ...	30.08	53	N	2	b	30.01	— .18	55	51	+ 2	E	3	bc	2	b	•	55	48	—
	Skudesnaes ...	30.04	59	S	2	o	29.86	— .19	59	57	+ 2	SE	6	r	3	o	•	64	50	•
	Færder (X'iania Fjord)	30.06	66	W	1	o	30.02	— .08	64	61	+ 3	SE	4	o	2	o	•	70	68	—
	The Scaw (Skagen)	30.03	65	E	2	bc	29.99	— .10	64	62	+ 1	SSE	4	o	1	bc	•	70	68	0.04
	Fanö	29.91	64	ESE	6	c	29.81	— .25	66	62	+ 6	SE	5	c	•	c,r	•	72	59	0.08
British Islands.	Sumburgh Head ...	29.91	55	ENE	2	o	29.76	— .28	53	53	— 1	ENE	4	o	5	o	•	57	52	0.04
	Stornoway	29.81	56	E	3	r	29.62	— .29	56	55	— 1	E	4	r	4	o.r	6.1	62	52	0.30
	Wick	29.85	55	SE	5	r	29.61	— .37	54	53	— 2	E	3	rwf	4	rf	•	60	52	0.30
	Nairn	29.78	57	E	1	r	29.60	— .34	56	56	— 2	2	0	m	1	r	•	59	52	0.12
	Aberdeen	29.81	55	E	6	orgq	29.61	— .34	61	59	+ 5	SW	2	c	3	orgq	0.0	62	54	0.54
	Leith	29.67	56	E	4	o	29.62	— .24	58	58	— 1	NE	1	o	•	o	•	59	54	0.35
	Shields	29.69	60	ESE	1	o	29.69	— .17	62	59	+ 3	SW	3	c	3	r.o	•	63	56	0.40
	Spurn Head ...	29.71	72	W	3	c	29.67	— .10	64	61	+ 3	W	3	bc	3	c	•	73	59	—
	Loughborough ...	29.73	71	SSW	2	c	29.78	+ .05	65	60	+ 1	W	2	bw	•	o.c.b.bc	•	78	58	—
	Malin Head ...	29.61	55	E	2	r	29.60	— .16	57	56	+ 1	NW	3	ogp	3	r	•	57	55	0.11
	Blacksod Pt. ...	29.70	61	NNE	3	o	29.73	.00	59	57	— 2	WNW	1	bc	1	c.o	•	66	54	0.01
	Donaghadee ...	29.62	64	WSW	3	c	29.64	— .12	59	58	+ 3	WNW	2	c	2	c	•	67	52	0.33
	Liverpool (Bidston)	29.71	66	SW	2	bc	29.71	+ .01	62	59	+ 2	SSE	1	c	2	r.bc	•	72	57	0.01
	Holyhead	29.71	62	SW	4	bc	29.70	+ .01	58	57	— 3	WSW	1	cf	1	f.bc	•	67	56	—
	Parsonstown ...	29.67	58	SW	1	r	29.71	— .04	59	58	+ 2	SW	1	c	•	c.p	4.1	70	55	0.32
	Valencia	29.70	65	WSW	2	bc	29.76	+ .04	63	60	+ 1	SW	2	o	4	bcp.bc	9.5	68	55	0.11
	Roche's Point ...	29.70	68	SW	4	b	29.76	+ .03	62	59	0	N	1	b	1	b	•	70	56	—
	Pembroke (St Ann's Hd.)	29.75	62	SW	4	c	29.76	+ .08	60	59	— 1	WSW	3	c	3	c.p	6.0	66	58	0.03
	Scilly	29.79	67	SSW	4	bc	29.80	+ .04	62	59	— 2	WSW	4	c	2	opbc	6.3	70	58	0.05
	Jersey (St. Aubin's) ...	29.84	71	W	3	bc	29.86	— .01	66	61	0	WNW	5	bc	4	bc	•	73	60	—
	Portland Bill ...	29.84	64	SW	3	b	29.84	+ .06	61	60	— 1	SW	2	b	2	b	•	68	57	0.01
	Dungeness	29.81	65	WSW	4	b	29.83	+ .03	61	60	— 3	WSW	3	r	3	b	•	69	59	0.05
	London (Brixton) ...	29.79	71	SW	2	c	29.88	+ .07	64	61	— 1	WSW	1	o	•	c	5.3	76	58	—
	Oxford	29.77	68	SW	3	b	29.79	+ .05	64	59	+ 1	WSW	1	bc	•	b	•	76	57	—
	Yarmouth	29.73	75	WSW	3	b	29.76	— .01	63	60	0	W	2	c	3	bc.b	•	75	59	—
France & Netherlands. Germany.	Cuxhaven ...	29.89	70	ESE	4	o	29.83	— .20	64	62	+ 3	S	3	b	•	o,r	•	72	59	—
	Berlin	29.97	68	E	4	bc	29.92	— .14	70	62	+ 2	E	3	b	•	bc	•	75	63	—
	Frankfürt	29.84	78	E	2	o	29.90	— .05	69	64	— 1	SW	2	bc	•	o	•	86	61	1.18
	Munich	30.00	75	2	o	bc	30.02	— .02	71	65	— 1	SE	4	b	•	bc	•	86	?61	—
	The Helder ...																•			
	Brussels	•	•	•	•	•	29.84		64	63		2	0	r	•	b	•	86	61	0.04
	C. Gris Nez ...	29.84	65	W	4	bc	29.79	— .01	62	61	— 8	WSW	1	o	1	bc	•	72	59	—
	Paris	29.87	79	S	1	bc	29.86	— .02	67	65	— 5	NW	1	o	•	bc	•	83	65	0.28
	Brest	29.86	65	WSW	2	c	29.88	+ .10	62	61	0	NW	1	b	1	c	•	73	61	—
	Lorient	29.84	70	W	2	c	29.85	— .05	63	61	— 2	NNW	2	c	2	c	•	81	63	0.04
	Rochefort	29.86	72	WNW	3	c	29.87	— .04	68	65	— 1	NW	3	o	•	c	•	77	61	—
	Belfort	29.83	80	W	6	o	29.84	— .07	70	64	— 5	ENE	3	c	•	o	•	89	64	0.04
	Lyons	29.87	82	WNW	3	o	29.88	— .06	75	67	— 1	SSE	1	c	•	tt.o	•	97	66	—
	Nice	29.91	80	W	1	b	29.93	.00	79	67	— 3	2	0	b	0	b	•	95	70	—
	Perpignan	29.84	78	NE	3	bc	29.92	— .04	75	72	— 1	E	2	b	•	bc	•	85	69	—
	Biarritz	29.82	73	WSW	2	o	29.89	— .02	69	66	— 1	2	0	o	2	o,tr	•	82	68	0.04
Span. Pen.	Coruna																•			
	Lisbon	29.95	66	N	5	b	30.01	+ .06	70	63	+ 2	N	4	b	•	b	•	79	63	—
	Azores (P. Delgada)	30.15	70	N	4	c	30.18	+ .02	70	65	— 2	NNE	4	bc	3	c	•	77	68	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 2.9 *hrs.*

WEATHER CHARTS

FOR *Sunday, 29th July,* 1900.

BAROMETER, WIND AND SEA.

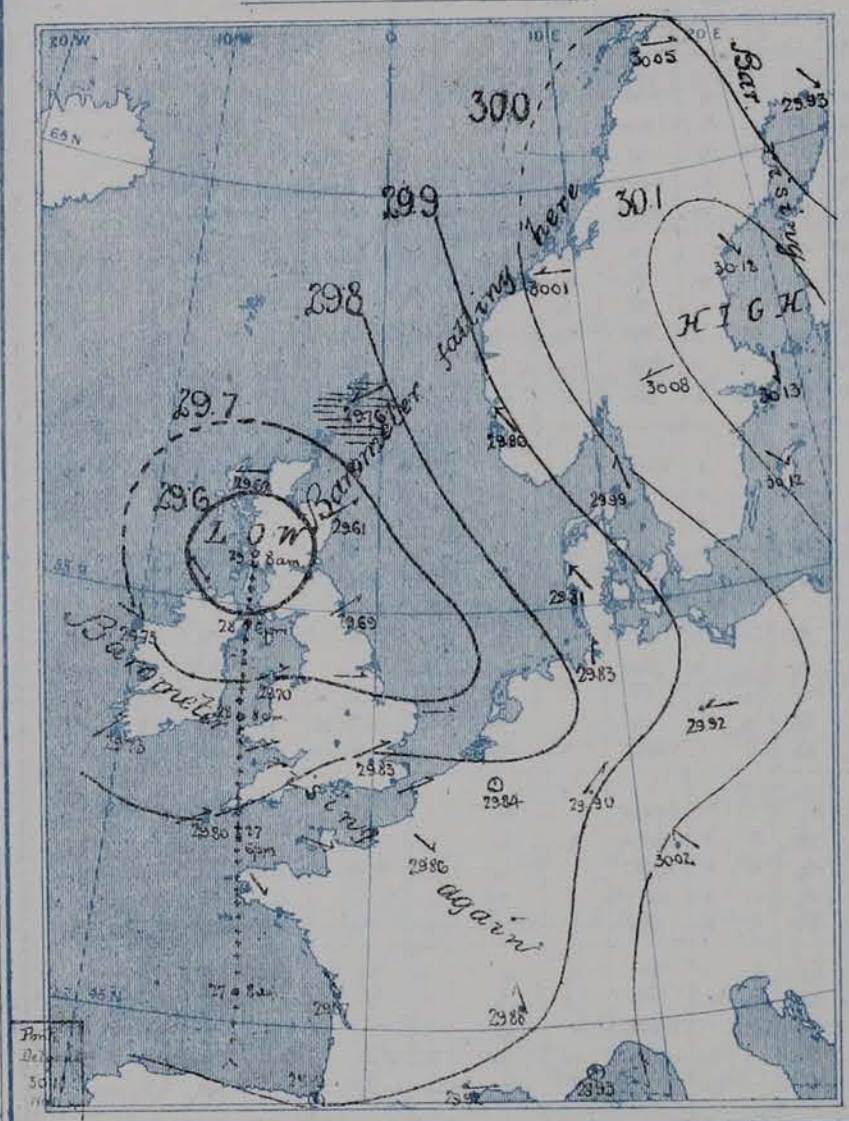
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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 AND 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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and upwards in an anticyclone over Sweden and the northern part of the Baltic; 30·0 ins: and upwards in another system over the southern part of the Spanish Peninsula.
Lowest, 29·6 ins: and less. in a depression with its centre over the west of Scotland.
Gradients slight. Barometer falling in Scotland and also in Norway, Denmark and North Germany but rising elsewhere.

TEMPERATURE

Highest, 79° at Nice, 75° at Lyons and Perpignan, and 71° at Munich; highest in our Islands 66° at Jersey.
Lowest, 48° at Bodö and Haparanda, 53° at Leemburgh Head, and 54° at Wick and Hernösand.
During yesterday the thermometer rose to between 70° and 75° at many of the English stations, to 76° in London and at Oxford, and to 78° at Loughborough.

WIND

Light from the W^ds or SW^ds over England and the south of Ireland; SE 3 on the eastern places of the North Sea, and strong in force at Skudenaes; E 3 in the north of Scotland, NW 3 in the north of Ireland.
NW 1 in the west and north of France, calm or E 3 in the south of that country; SE 2 or E 3 in Germany; NW 2 in Sweden.

WEATHER

Fair or fine over Western Europe as a whole, but dull over Belgium and the greater part of France, with rain at Brussels, as well as at Dunquerque.
Dull and rainy in the north of Scotland; rain is falling also at Skudenaes.
Rain fell yesterday in many part of our area; heavily (1·2 ins:) at Frankfurt. Thunderstorms occurred at Lyons, Biarritz, Thunder was heard at Paris.

SEA

Bright Sunshine recorded yesterday, varied from 2·5 hrs at Blankenberg and 2·9 hrs at Southport to 9·5 hrs at Valencia.
Slight or smooth generally, but rather rough at Leemburgh Head.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 30. JULY, 1900

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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	30·04	64	58	SW	2	b	4
Sumburgh Head	29·96	56	53	ENE	2	o	4
Stornoway... ...	29·85	61	57	SE	5	o	5
Aberdeen	29·88	55	55	E	5	orgq	5
Shields	29·73	59	59	E	4	o	4
Malin Head ...	29·66	56	56	E	4	r	3
Blacksod Pt. ...	29·71	63	59	WSW	2	c	2
Holyhead	29·69	67	62	WSW	3	bc	1
Valencia	29·69	65	62	SW	2	bcp	4
Scilly	29·78	66	62	SSW	2	op	1
Jersey	29·91	71	63	SW	5	bc	4
Portland Bill ...	29·84	68	65	SW	4	b	4
Dungeness ...	29·83	68	64	W	4	b	3
London (Westminster)	29·78	75	67	S	1	c	*
Yarmouth ...	29·79	68	64	SE	5	bc	5
Rochefort ...	29·91	75	69	NW	3	c	*

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

Weather in morning cloudy or dull over our Islands generally, with rain in Ireland and the north of England, and passing showers at Scilly. Fine at most of the Continental stations but dull in southwest of France, as well as in the northern parts of Sweden and Russia, with rain at Haparanda, Ukaborg and Kuopio. Rain falling during day in most parts of western and central Europe, - heavily at Frankfurt; thunderstorms occurring at Lyons and Biarritz, and thunder only at Fano.

Temperature falling in our Islands, changed rather irregularly elsewhere. Morning readings highest 86° at Thiele, Athens and Patras, and 83° at Toulon and Barcelona; above 75° in many parts of southern Europe - Lowest 43° at Haparanda, 46° at Archangel and Kuopio and 49° at Röst; lowest in our Islands 54° at Sumburgh Head. Rising during day to 75° and upwards over the eastern and central parts of England, and to 78° at Loughborough, exceeding 85° in Belgium and South Germany, and exceeding 90° in the south of France, the highest reading of all being 97° at Lyons.

Wind moderate from the W^d or SW^d in the south of England and the north of France; calm in the south of Ireland; E^3 or SE^3 over all the more northern and eastern parts of the United Kingdom, and strong in force on the east coast of England, N^3 or NW^3 over Russia, Scandinavia and the Baltic; variable over southern and central Europe generally. SW^3 breezes setting in later over Ireland and the north of England; no important change occurring elsewhere.

Barometer highest 30·1 ins: and upwards in an anticyclone lying over the southern parts of Norway. Lowest 29·4 ins and less. in a depression over northern Russia, 29·7 ins: and less. in another disturbance with its centre over Cardigan Bay; 29·8 ins: and less. in an area over the eastern part of the Mediterranean. Depression over our west coasts moving steadily northwards during day; barometer falling in Scotland, but rising over Ireland and 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.

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DAILY WEATHER REPORT

for 8 a.m. on Monday 30th July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW., *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	29.98	50	W	2	b	29.91	−.02	50	46	+ 2	NE	4	b	.	b	.	52	41	—
	Hernösand	29.97	54	S	6	bc	29.87	−.25	59	55	+ 5	S	6	bc	.	bc	.	64	46	—
	Stockholm	30.05	58	S	2	o	29.88	−.25	66	57	+ 5	SE	6	c	.	o	.	70	50	—
	Wisby	30.06	60	NW	4	b	29.84	−.28	66	58	+ 4	S	8	c	.	b	.	66	50	—
	Karlstad	29.92	66	S	4	o	29.64	−.44	57	54	− 4	NE	8	r	.	o	.	.	.	0.59
	Bodö	30.00	49	NNE	2	b	29.87	−.18	50	46	+ 2	NE	2	b	1	b	.	54	41	—
	Christiansund	29.80	57	WSW	3	r	29.62	−.39	55	53	0	ENE	5	o	3	r	.	61	55	0.16
	Skudesnaes	29.69	61	SSE	6	o	29.43	−.43	58	58	− 1	NW	4	r	2	o	.	63	50	.
	Færder (X'iania Fjord)	29.85	66	E	4	o	29.47	−.55	60	59	− 4	SE	6	r	4	o	.	66	57	1.26
	The Scaw (Skagen)	29.80	65	SSE	5	o	29.49	−.50	63	62	− 1	SW	5	o	0	o.r	.	68	61	0.59
	Fano	29.69	66	L	0	o	29.60	−.21	64	61	− 2	WSW	4	bc	.	o	.	70	61	0.24
British Islands	Sumburgh Head																			
	Stornoway	29.61	51	ENE	4	o	29.69	+.07	55	54	− 1	N	4	o	4	o	0.0	57	52	0.12
	Wick	29.56	55	NW	3	r	29.52	−.09	56	54	+ 2	NW	5	o	3	2.f	.	56	53	0.05
	Nairn	29.54	58	E	1	f	29.62	+.02	57	53	+ 1	W	2	c	2	f	.	62	52	0.33
	Aberdeen	29.54	62	SSW	2	c	29.57	−.04	61	54	0	W	5	bcq	2	cq.c	3.7	66	55	—
	Leith	29.58	61	W	2	o	29.67	+.05	60	56	+ 2	W	3	c	.	o	.	67	55	0.05
	Shields	29.60	67	WSW	2	c	29.65	−.04	57	56	− 5	W	3	c	2	2lr,c	.	71	56	0.01
	Spurn Head	29.70	66	SW	4	bc	29.70	+.03	63	57	− 1	W	7	bc	5	2lrq,bc	.	76	58	0.08
	Loughborough	29.72	61	W	2	c	29.83	+.05	60	56	− 5	WNW	4	cq	.	c2lpq	.	74	54	0.26
	Malin Head	29.66	60	NW	4	bc	29.82	+.22	59	58	+ 2	NW	4	b	3	o. bc	.	61	57	0.01
	Blacksod Pt.	29.82	63	NW	4	b	29.94	+.21	62	61	+ 3	W	2	o	2	bc,b	.	64	56	0.03
	Donaghadee	29.68	61	NW	2	op	29.82	+.18	60	56	+ 1	NW	4	bcq	3	o	.	63	55	0.12
	Liverpool (Bidston)	29.71	59	WSW	4	p	29.83	+.12	58	56	− 4	WSW	6	o	5	2p	.	68	57	0.05
	Holyhead	29.73	60	W	2	op	29.87	+.17	61	58	+ 3	W	4	b	3	o.op	? .	64	55	0.01
	Parsonstown	29.77	66	NW	1	bc	29.93	+.22	61	59	+ 2	W	1	o	.	bc	? 5.3	68	52	—
	Valencia	29.87	63	W	3	cmw	30.03	+.27	62	59	− 1	W	2	bc	3	c.cmw	8.0	65	59	0.02
	Roche's Point	29.82	68	NNW	4	bc	30.00	+.24	62	58	0	NNW	3	b	3	p,bc	.	69	55	—
	Pembroke (St. Ann's Hd.)	29.78	61	WSW	5	c	29.96	+.20	60	58	0	NW	1	bc	2	c	9.3	64	58	—
	Scilly	29.87	62	W	4	c	30.00	+.20	61	59	− 1	WNW	3	cp	3	c	9.2	67	58	0.01
	Jersey (St. Aubin's)	29.92	67	WNW	5	bc	30.02	+.16	65	61	− 1	WSW	5	op	4	bc	.	69	62	0.02
	Portland Bill	29.83	63	WSW	5	c	29.94	+.10	61	59	0	WNW	5	b	4	b,c	.	68	58	—
	Dungeness	29.79	65	W	6	b	29.86	+.03	69	62	+ 8	WNW	3	bc	4	c,b	.	69	59	—
	London (Brixton)	29.78	66	W	2	bc	29.87	+.04	64	58	0	WNW	3	c	.	bc,2p,c	6.7	75	57	0.01
	Oxford	29.78	63	WSW	1	o	29.88	+.09	63	57	− 1	W	3	b	.	bc,p,o	.	72	55	—
	Yarmouth	29.70	69	SW	3	bc	29.75	−.01	63	57	0	W	4	bc	3	2lr,bc	.	70	56	0.48
France & Netherlands. Germany	Cuxhaven	29.76	70	SW	1	o	29.70	−.13	63	62	− 1	SW	4	b	.	o,2lr	.	75	61	1.02
	Berlin	29.76	80	SE	2	c	29.79	−.13	68	63	− 2	W	4	c	.	c	.	88	52	—
	Frankfurt	29.86	68	SW	2	o	29.91	+.01	64	59	− 5	SW	2	b	.	o	.	86	61	0.04
	Munich																			
	The Helder	29.74	64	SW	2	c	29.74		63	60		WSW	2	c	3	c	.	70	61	0.12
	Brussels	"	"	"	"	"	29.87	+.03	60	59	− 4	SW	4	o	.	b	.	69	55	0.71
	C. Gris Nez	29.80	62	W	5	o	29.86	+.07	63	61	+ 1	WNW	5	c	5	o	.	68	59	0.39
	Paris	29.90	69	W	2	b	29.98	+.12	65	60	− 2	WSW	3	b	.	b	.	70	59	0.32
	Brest	29.98	66	W	1	o	30.04	+.16	62	60	0	NW	1	c	2	o		73	61	0.04
	Lorient	29.98	68	W	4	c	30.10	+.25	64	61	+ 1	NW	4	bc	4	c	.	77	61	—
	Rochefort	30.04	71	NW	3	b	30.11	+.24	66	64	− 2	NNW	3	o	.	b	.	78	64	—
	Belfort	29.89	64	W	5	b	30.01	+.17	58	58	− 12	W	2	b	.	rb	.	89	58	0.82
	Lyons	29.95	66	E	1	r	30.07	+.19	69	61	− 8	NW	1	b	.	2lr	.	91	60	0.75
	Nice	29.89	77	SW	5	b	29.88	−.05	76	64	− 3	E	1	b	2	b	.	88	70	—
	Perpignan†	29.93	78	W	3	o	30.06	+.14	74	65	− 1	W	2	b	.	o	.	92	66	—
	Biarritz	29.98	73	NW	2	o	30.05	+.16	72	68	+ 3	E	2	c	2	o	.	77	66	—
Span. Pen.	Corunna																			
	Lisbon	30.07	69	NNE	4	o	30.09	+.08	72	65	+ 2	NNE	4	b	.	b	.	79	66	—
	Azores (P. Delgada)	30.28	70	ENE	3	bc	30.27	+.09	70	68	0	NE	3	o	2	bc	.	77	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 9.0 *hrs.*

WEATHER CHARTS

FOR *Monday, 30 July, 1900.*

BAROMETER, WIND AND SEA.

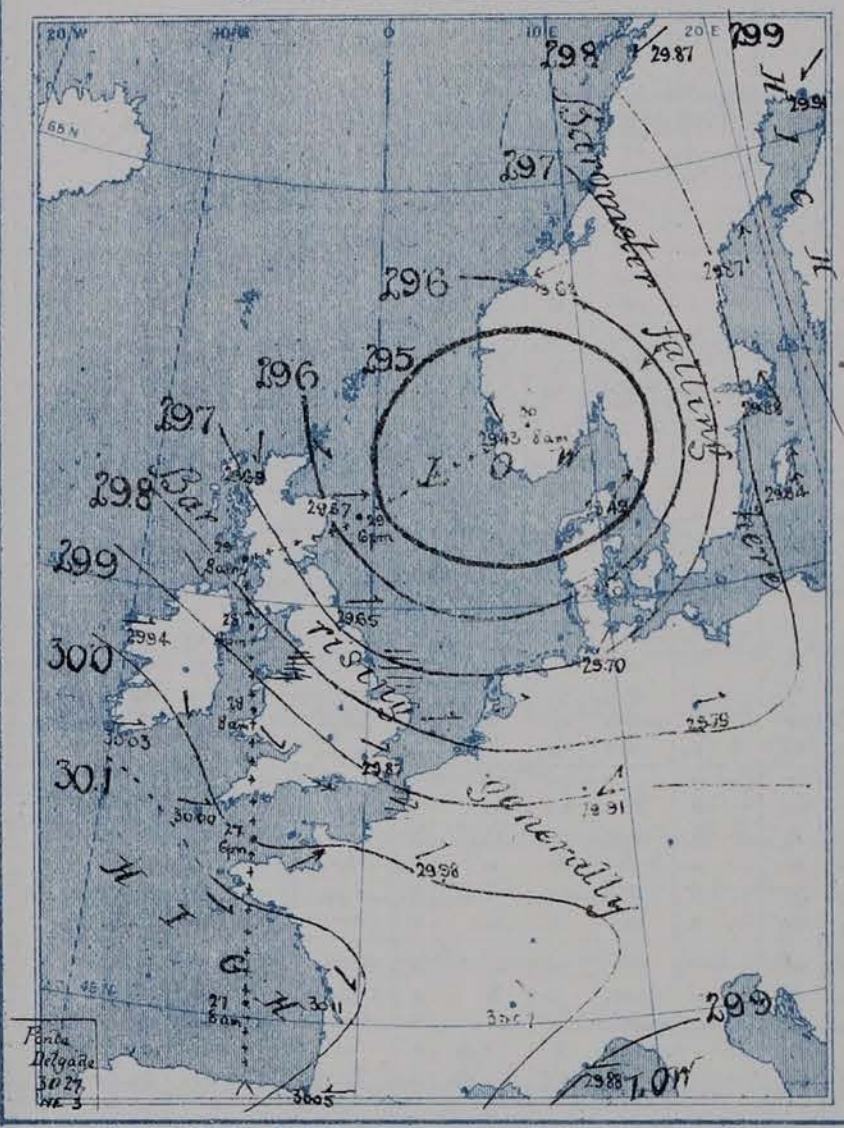
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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* ▓

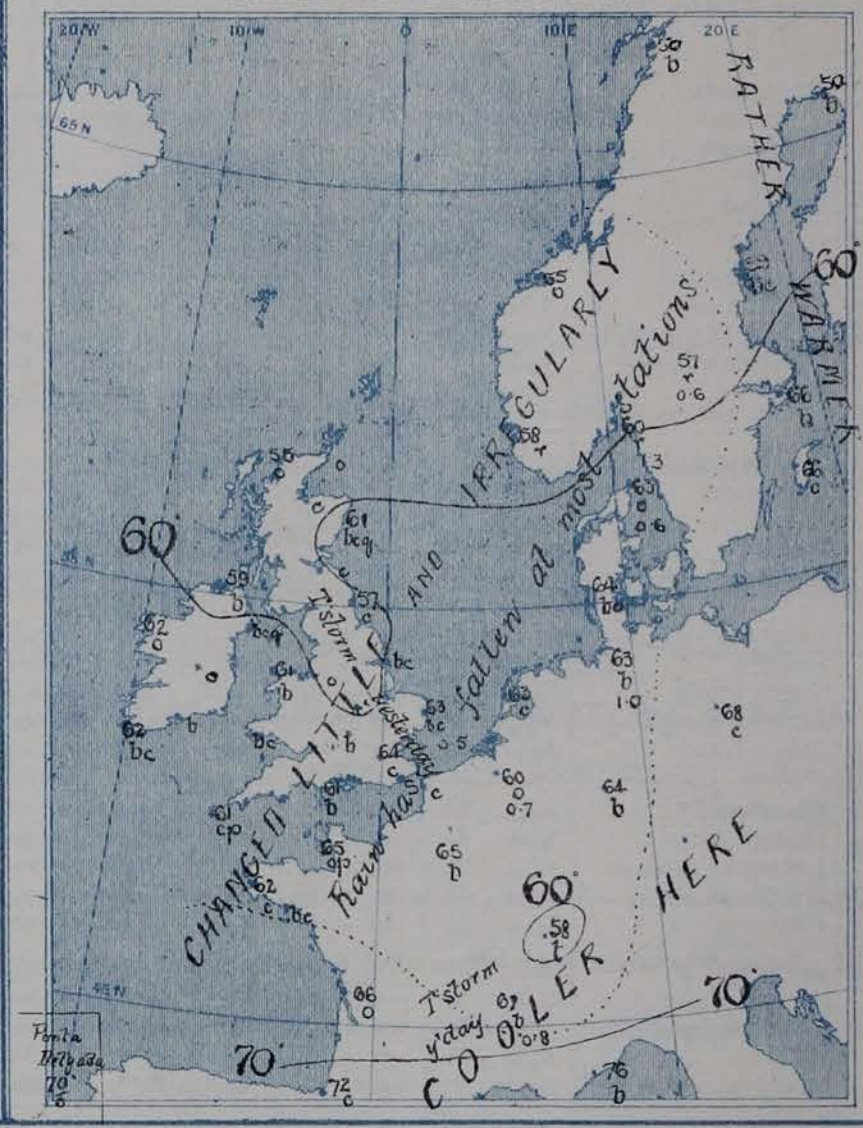


TEMPERATURE AND WEATHER.

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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	84	1876	43	1888	2·39	—	—
Dover	29·950	61·7	58·4	66·7	56·0	80	1881	40	1890	2·05	—	—
LONDON.....	29·952	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. † The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 inches and upwards in an anticyclone lying over the Bay of Biscay and to the southwestward of our Islands; 29.9 inches and upwards over the Gulf of Bothnia.
Lowest 29.5 inches and less in a depression with its centre near Skudesnaes.
Gradients slight generally but moderate over the south of Scandinavia
Barometer rising in our Islands, France and Germany, falling in Scandinavia and Denmark.

TEMPERATURE

Highest 76° at Nice, 72° at Biarritz, 69° at Dungeness, 68° at Berlin and 66° at Stockholm, Wisby & Rochefort
Lowest 50° at Bodö and Kasaranda 55° at Christiansund and Flörroway, 56° at Wick, and 57° at Nairn and Kaykstad.
During yesterday the thermometer rose to between 70° and 75° over the eastern and central parts of England generally, and to 76° at Spurn Hd. In the extreme north of Scotland it did not reach 60°

WIND

Westerly or Northwesterly over our Islands and France; light or moderate in force generally, but strong at Spurn Head and Liverpool.
Southwesterly over the Netherlands and Denmark; Easterly (Southeasterly to Northeasterly) in Scandinavia, and strong in force in many places, with a gale at Wisby and Karlstad.

WEATHER

Fine over Western Europe as a whole but dull in the north of Scotland and raining in the south of Scandinavia. Passing showers were reported at Scilly and Jersey.
Rain fell yesterday in most parts of our area, but in the west and south of these Islands the falls were slight and sporadic. Thunderstorms occurred in many parts of England & also at Cushendun & Belfort.
The amount of Bright Sunshine registered yesterday was fairly large in the west and south, but again small in the north; at Flörroway there was none.

SEA

Moderate or slight generally, but rather rough at Spurn Head, Liverpool and Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression recently noticed over our Islands has now moved away to the south of Scandinavia and an anticyclone is apparently spreading over our southwestern districts from the Atlantic. Local showers are probable today, but the general tendency is, at present, for the weather to improve again.

FORECASTS

For the 24 hours ending at NOON on JULY 31ST 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Northwesterly winds, fresh; some showers at first, then fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No: 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	Westerly and Northwesterly winds, moderate or fresh; fair but local showers not improbable.
6	SCOTLAND WEST	Northwesterly to Westerly winds, moderate; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	Westerly to Southwesterly winds, moderate; fair at first, some rain later.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.77	63	59	SSE	4	o	3
Sumburgh Head	29.55	56	56	NE	3	f	5
Stornoway... ...	29.60	57	56	E	2	o	2
Aberdeen	29.57	64	59	S	4	cq	3
Shields	29.60	67	61	WSW	2	c	2
Malin Head ...	29.62	59	58	NW	4	o	3
Blacksod Pt. ...	29.77	63	59	WNW	3	bc	2
Holyhead	29.71	61	59	WSW	2	o	1
Valencia	29.82	65	61	WSW	4	c	4
Scilly							
Jersey	29.91	68	61	WSW	5	bc	4
Portland Bill ...	29.83	67	64	SSW	4	b	4
Dungeness ...	29.78	69	64	W	5	c	4
London (Westminster)							*
Yarmouth ...	29.72	68	63	S	4	bc	3
Rochefort ..	30.01	76	72	NW	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 EUROPE FROM JULY 22ND TO 28TH 1900.

At the commencement of last week the distribution of barometrical pressure over Western Europe was mainly anticyclonic, the highest readings being found respectively in two areas, - one lying over the north of France and the other the west of Norway. The winds were consequently light and rather variable and the weather mostly fine and warm, especially in the southern countries.

On the 23rd, however, the northern area broke up and in the course of the two following days a large depression moved eastwards across the northern parts of Scandinavia and Russia, while a shallow secondary system passed in a similar direction across Scotland and the North Sea. The progress of these disturbances was attended by rain over the northern parts of our area and the Continent, and in the rear of the main system the wind blew freshly from the Northwest at many of the Scandinavian stations. In other parts of Europe the weather remained fine, dry and very warm, maximum temperatures of 90° and upwards being recorded not only in the southern countries, but in some parts of England also on the 25th.

As the northern depression of the 24th - 25th passed away a new anticyclone advanced over our Islands from the Atlantic, and eventually travelled on to the west of Norway. During the latter part of the 26th, however, a small depression appeared over Spain and on the following day this disturbance moved northwards over the Bay of Biscay, while secondary systems were developed over France. These disturbances afterwards advanced over our Islands and occasioned thunderstorms and heavy rain in many districts, with a rather decided fall of temperature over England. By the close of the week the principal disturbance was moving northwards over the North Sea, and southwesterly or Westerly winds and unsettled weather were setting in over our southern districts.

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 Tuesday 31st July, 1900.

Issued by the Meteorological Office, 63, Victoria Street, London. W. N. SHAW, *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	29.82	51	SE	2	o	29.74	− .17	53	50	+ 3	S	2	o	•	o	•	55	41	0.12
	Hernösand	29.69	54	S	6	r	29.52	− .35	56	55	− 3	E	o	f	•	r	•	59	52	0.98
	Stockholm	29.62	62	SE	2	r	29.58	− .30	62	61	− 4	SW	2	o	•	r	•	70	54	0.16
	Wisby	29.64	63	SSW	4	o	29.60	− .24	63	61	− 3	W	4	b	•	o	•	70	52	0.16
	Karlstad	29.56	62	SW	6	bc	29.52	− .10	62	58	+ 5	S	2	o	•	bc	•	•	•	0.51
	Bodö	29.76	47	NE	5	c	29.63	− .24	48	45	− 2	N	4	o	2	c	•	52	45	—
	Christiansund ...	29.44	54	ENE	4	r	29.69	+ .07	49	47	− 6	ENE	7	r	4	r	•	55	48	0.59
	Skudesnaes ...	29.49	56	SW	6	r	29.61	+ .18	53	52	− 5	NNW	8	o	3	o.r	•	59	50	•
	Færder (X'iania Fjord)	29.52	63	SSW	5	o	29.49	+ .02	63	59	+ 3	S	1	o	2	o	•	64	59	0.16
	The Scaw (Skagen)	29.59	61	W	3	c	29.54	+ .05	58	57	− 5	WSW	4	o	1	c	•	66	57	0.16
	Fanö	29.66	61	NW	5	c	29.69	+ .09	60	57	− 4	WNW	6	c	•	c	•	68	59	0.08
British Islands	Sumburgh Head ...	29.66	53	N	4	o	29.87	+ .34	51	47	− 5	N	1	c	4	o	•	58	45	—
	Stornoway	29.90	56	N	5	o	29.86	+ .17	54	53	− 1	SSW	4	o	4	r.o	0.6	56	50	0.05
	Wick	29.79	53	N	6	o	29.90	+ .38	54	53	− 2	SE	1	c	2	o	•	58	49	0.03
	Nairn	29.85	57	W	4	o	29.91	+ .29	56	53	− 1	E	o	b	1	o	•	61	41	—
	Aberdeen	29.77	56	NW	6	o.g.	29.94	+ .37	51	52	− 4	W	2	b	2	by.o.g.	2.3	64	47	—
	Leith	29.79	64	WNW	4	bc	29.95	+ .28	61	56	+ 1	WSW	3	b	•	bc	•	69	52	—
	Shields	29.80	65	W	4	c	29.98	+ .33	58	55	+ 1	W	2	c	2	bc.c	•	67	54	—
	Spurn Head ...	29.83	64	WNW	6	c	29.95	+ .25	59	56	− 4	WNW	4	bc	4	c	•	65	57	—
	Loughborough ...	29.93	64	WNW	4	c	30.06	+ .23	63	58	+ 3	W	2	bc	•	bcg.c.b	•	69	52	—
	Malin Head ...	29.94	60	NW	3	b	29.84	+ .02	58	56	− 1	S	4	cg	2	b	•	61	54	—
	Blacksod Pt. ...	30.02	64	WSW	3	b	29.87	− .07	62	62	0	SSW	5	m	4	c.b	•	65	59	0.04
	Donaghadee ...	29.93	65	NNW	3	bc	29.97	+ .15	58	56	− 2	SSW	1	b	2	bc	•	66	48	—
	Liverpool (Bidston)	29.93	64	WSW	6	b	30.03	+ .20	61	58	+ 3	W	1	o	2	b	•	66	56	—
	Holyhead	29.97	64	W	3	bc	30.03	+ .16	62	60	+ 1	WSW	1	bc	1	bc	•	66	55	—
	Parsonstown ...	30.02	66	WNW	1	bc	29.98	+ .05	62	60	+ 1	NE	1	o	•	bc	7.9	69	53	—
	Valencia	30.08	63	SW	2	ocw	30.01	− .02	63	62	+ 1	SW	3	o	4	cr.ocw	6.0	66	59	0.03
	Roche's Point ...	30.06	68	NNW	2	c	30.05	+ .05	63	63	+ 1	SW	4	rm	3	c	•	70	58	—
	Pembroke (St. Ann's Hd.)	30.03	63	W	3	bc	30.07	+ .11	61	60	+ 1	WSW	3	cp	3	bc.w	11.5	65	58	0.01
	Scilly	30.10	64	W	2	bc	30.11	+ .11	62	60	+ 1	WSW	1	o	2	bc	9.2	69	58	—
	Jersey (St. Aubin's) ...	30.10	67	WNW	5	b	30.18	+ .16	65	60	0	WNW	4	b	3	bc.b	•	69	57	—
	Portland Bill ...	30.03	63	W	3	bc	30.13	+ .19	62	61	+ 1	W	2	bc	2	b.bc	•	68	57	—
	Dungeness	29.97	66	W	4	c	30.08	+ .22	65	61	− 4	WSW	1	c	3	c	•	77	53	—
	London (Brixton) ...	29.94	71	WNW	3	bc	30.08	+ .21	65	60	+ 1	W	2	bc	•	bc.b	12.8	75	55	—
	Oxford	30.00	65	W	3	b	30.07	+ .19	64	59	+ 1	W	2	b	•	b	•	72	56	—
	Yarmouth	29.83	67	WNW	3	bc	30.00	+ .25	60	56	− 3	WNW	2	bcm	3	c.b	•	68	52	—
France & Netherlands. Germany.	Cuxhaven	29.73	61	W	2	r	29.78	+ .08	62	60	− 1	WNW	5	op	•	2r	•	66	59	0.75
	Berlin	29.71	68	W	5	c	29.84	+ .05	62	58	− 6	W	4	o	•	c	•	79	59	—
	Frankfürt	29.94	62	SW	2	o	30.02	+ .11	63	58	− 1	W	4	bc	•	o	•	77	57	0.08
	Munich	30.06	53	W	2	r	30.12		59	56		W	5	c	•	r	•	71	52	0.35
	The Helder ...	29.89	63	WNW	3	o	29.95	+ .21	64	58	+ 1	WNW	3	c	4	o	•	68	59	0.04
	Brussels	•	•	•	•	•	30.06	+ .19	64	59	+ 4	WNW	2	c	•	c	•	72	54	—
	C. Gris Nez ...	29.91	64	W	5	o	30.04	+ .18	60	59	− 3	WNW	2	c	2	o	•	68	59	—
	Paris	30.02	70	WNW	2	b	30.14	+ .16	64	61	− 1	W	2	b	•	b	•	74	57	0.04
	Brest	30.15	67	W	1	b	30.19	+ .15	62	61	0	WNW	1	bc	1	b	•	73	59	—
	Lorient	30.13	68	NW	4	b	30.19	+ .09	61	59	− 3	NNW	1	b	2	b	•	73	57	—
	Rochefort	30.17	70	NW	4	b	30.20	+ .09	67	64	+ 1	NE	1	bc	•	b	•	77	63	—
	Belfort	29.97	67	WSW	5	c	30.12	+ .11	59	57	+ 1	WSW	3	m	•	c	•	72	55	0.59
	Lyons	30.06	73	NNW	1	bc	30.15	+ .08	66	59	− 1	NNW	1	b	•	bc	•	78	61	—
	Nice	29.73	89	WNW	6	b	29.87	− .01	73	63	− 3	SW	1	b	1	b	•	95	68	0.04
	Perpignan	30.04	80	NW	3	o	30.13	+ .07	72	63	− 2	W	3	b	•	o	•	85	68	—
	Biarritz	30.13	74	NW	2	c	30.17	+ .12	70	66	− 2	E	1	b	2	c	•	81	63	—
Span. Pen.	Corunna														•		•			
	Lisbon														•		•			
	Azores (P. Delgada)	30.31	71	NE	2	bc	30.31	+ .04	70	67	0	NNE	3	c	2	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 recorded on the Tower of the Wesleyan Training College, Westminster*

Bright Sunshine yesterday Southport 12.2 hrs.

WEATHER CHARTS

FOR Tuesday, 31st July, 1900.

BAROMETER, WIND AND SEA.

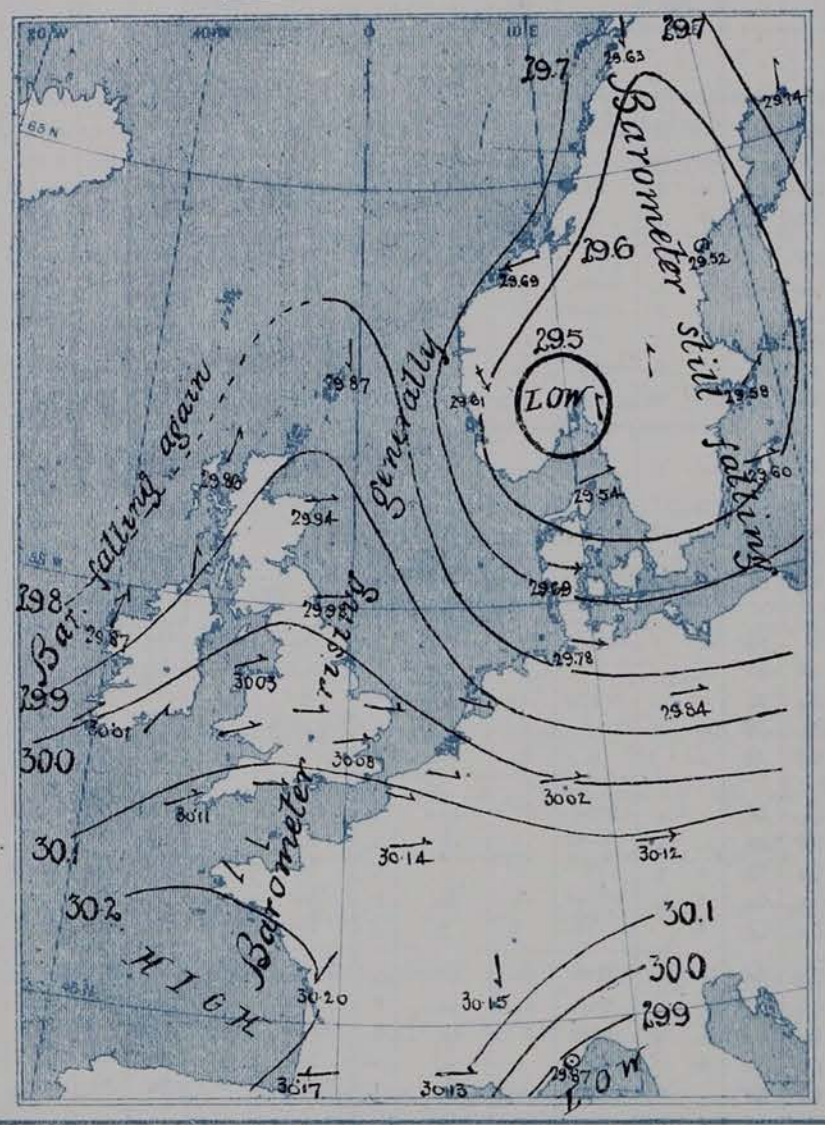
BAROMETER.—Isobars are drawn for each tenth of an inch.

WIND.—Arrows show 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*

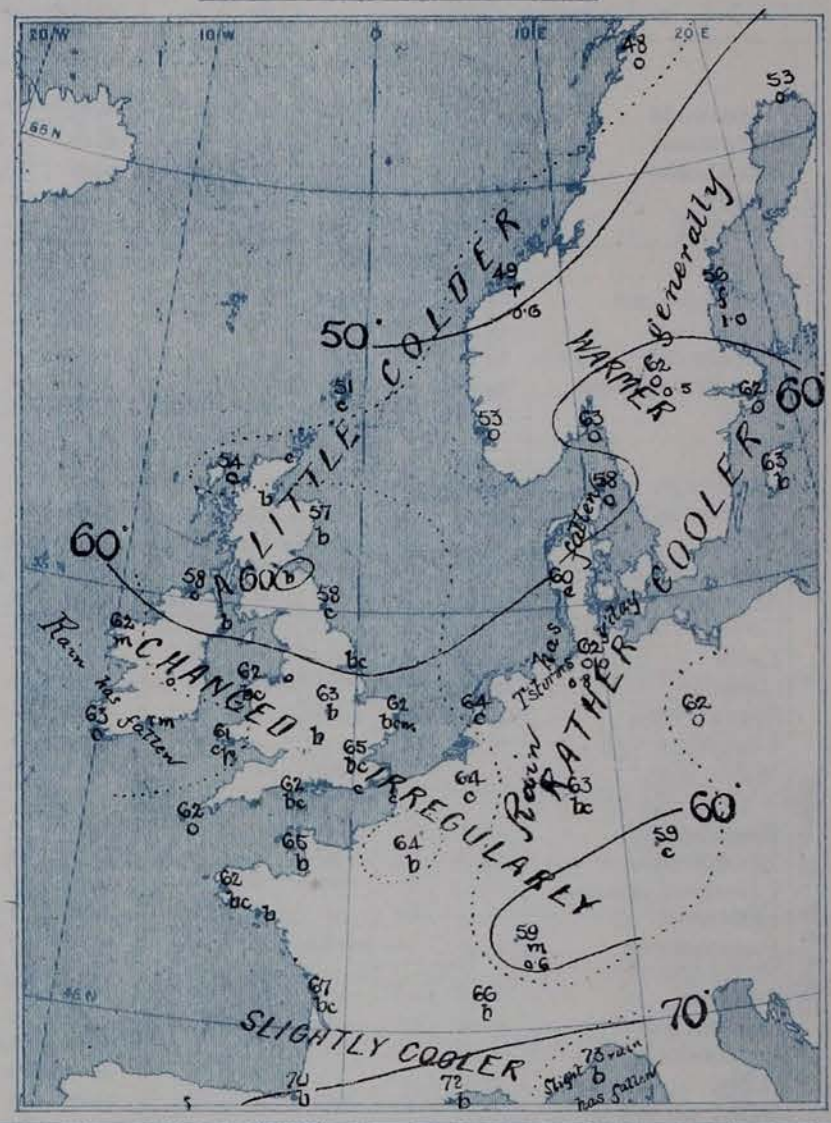


TEMPERATURE AND WEATHER.

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	56·4	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	30	1886	2·52	—	—
Nairn	29·817	56·7	53·4	64·3	50·6	86	1876	37	1886	2·73	—	—
Aberdeen	29·831	57·4	53·7	63·6	50·7	86	1876	39	1884, 87	2·84	160·8	31
Leith	29·846	58·3	54·7	66·4	51·2	90	1876	41	1887, 88, 92	2·80	—	—
Shields	29·866	58·1	54·9	63·9	51·9	85	1876	40	1885	2·69	—	—
Spurn Head	29·896	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	—	—
Malin Head	29·851	55·9	53·7	60·9	53·5	—	—	—	—	—	—	—
Belmullet	29·889	57·5	54·9	62·2	53·8	—	—	—	—	3·59	—	—
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	55·5	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.

† The Sunshine values are for Westminster.

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins: to 30.1 ins: over the Bay of Biscay, France and the English Channel.
Lowest (1) 29.5 ins: to 29.6 ins: over Scandinavia; (2) below 29.9 ins: over our extreme northwest coasts
Gradients were slight in France and England, moderate elsewhere
Barometer was falling again on our west and northwest coasts, rising in the east.

TEMPERATURE

Highest 73° to 70° in the south and southwest of France, 64° at Paris, 65° at Jersey and in London, 63° at Hartlebury, 62° at Stockholm.
Lowest 48° at Bodö, 49° at Christiansund, 51° at Sumburgh Head, 54° at Stornoway
It had risen to 75° and more over the southeast of England yesterday, but in the night had fallen to 41° at Nairn, 48° at Donaghadee and 53° at Parsonstown and Dungeness. At Paris the maximum yesterday was 74°, at Nice 95°.

WIND

(1) NW^ly. strong to a gale on the eastern shores of the North Sea, (2) mainly W^ly., and moderate over England, (3) SW^ly. to S^ly. and freshening on our northwestern and western coasts. Anticyclonic airs were prevalent over the Bay of Biscay.

WEATHER

(1) Fine over France and England, dull and unsettled over Scandinavia; (2) cloudy or overcast in Ireland and the west of Scotland with rain in places.
Considerable quantities of rain have fallen over various parts of the Continent (1.0 in: at Hernosand) and a little at some of our western stations.
Bright sunshine registered, ranged from 13 to 11 hours at many of our southern stations; it was 12 hours at Southport, but only 7 at Llandudno, 2 at Aberdeen.

SEA

Moderate in the north and extreme west, slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression in the northwest and west is spreading eastwards rather quickly, the barometer is inclined to fall over England, and the less settled weather in connection with it is likely to reach London by tonight or tomorrow morning.

FORECASTS

For the 24 hours ending at NOON on AUGUST 1ST 1900

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Southwesterly winds, freshening; cloudy, rain at times.
1	SCOTLAND EAST	Southwesterly and Southerly winds, moderate; fine and warm first; then showery.
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5
4	MIDLAND COUNTIES	Same as Nos. 1 and 2
5	ENGLAND SOUTH	Westerly to Southerly winds; fine and warm by day; showery night or morning.
6	SCOTLAND WEST	Southerly and Southwesterly winds, freshening; showery.
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.	WIND. Force.	WEA.	SEA.
Skudesnaes ...	29.46	59	57	WSW	6	o	3
Sumburgh Head	29.55	54	53	N	3	o	5
Stornoway... ...	29.82	55	54	N	5	r	5
Aberdeen	29.64	59	55	NW	8	ogpr	4
Shields	29.73	67	58	W	3	bc	2
Malin Head ...	29.89	61	60	NW	4	b	3
Blacksod Pt. ...	30.00	64	63	WSW	3	c	2
Holyhead	29.95	66	60	WSW	3	bc	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	WIND. Force.	WEA.	SEA.
Valencia	30.07	65	61	WSW	3	ow	4
Scilly	30.07	67	62	W	3	bc	3
Jersey	30.09	68	63	W	5	bc	4
Portland Bill ...	30.01	68	64	WSW	3	b	4
Dungeness ...	29.90	74	65	W	5	c	4
London (Westminster)	29.90	73	60	WNW	4	bc	
Yarmouth ...	29.81	65	59	W	4	c	3
Rochefort ...	30.17	75	68	WNW	3	b	

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

Weather in morning fair generally over Spain, France and the greater part of our Islands, very unsettled over Norway and Central Europe, with rain at times and thunder in a few places, fine and bright over Finland and Russia. Much rain later in central parts of northern, and Central Europe, and a little rain later at some of our own western stations. Weather over England and France becoming brighter.

Temperature, Highest 83° at Trieste, 81° at Constantinople and Palma, and much above 70° at most of the Mediterranean stations and the southern parts of Austria, above 60° over most parts of Central and Western Europe, 66° at Stockholm. Lowest (1) 38° in Lapland, 35° at Christiansund and Stornoway, 39° at Malin Head, (2) 28° at Archangel, 31° at St. Petersburg, Moscow and Charkov. Rising later to between 70° and 77° over most of the southern parts of our Islands, to 74° at Paris, 79° at Berlin, and 95° at Nice.

Wind light and anticyclonic (1) over the Bay of Biscay and Southwestern Europe; (2) over Russia, Poland and Hungary; (3) Cyclonic over the northwestern countries – strong from West, South; Southeast and Northeast over the eastern shores of the North Sea, and Scandinavia, and cyclonic but light in another circulation over Austria, and Southern Germany. The northern circulation continuing to move eastwards later, but wind on our western coasts backing again.

Barometer in morning, highest (1) 30.1 ins: to 29.9 ins: over the Bay of Biscay, Spain, France, and the southwest of our Islands and (2) 30.0 ins: and more to 29.9 ins: over Russia. Lowest 29.5 ins: and less in a depression lying between Iceland and the southern part of Norway; and below 29.9 ins: over the northern parts of the Mediterranean. Northern depression moving eastnortheastwards later, but that of barometer ceasing 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.

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1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.								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	Cape Gris Nez	29.78	57	WSW	4	0	29.65	-.15	57	-	0	NW	5	0	5	0	-	61	55	0.08
2	Corunna	30.03	69	N	4	b	29.91	-.10	67	63	-1	SSE	3	0	3	b	-	82	63	-
"	Azores (P. Delgada)	30.24	70	W	4	0	30.26	+.02	69	67	-1	N	2	0	2	0	-	75	68	-
3	The Helder	29.66	60	NE	0	r	29.61	-.09	58	-	+1	W	3	0	2	r	-	63	57	0.08
"	Perpignan	29.80	77	NE	2	b	29.92	-.06	71	-	-6	N	2	0	-	b	-	80	64	0.04
"	Corunna	29.95	63	S	3	0	30.24	+.33	62	59	-5	NW	3	bc	5	0	-	72	57	0.35
4	Lisbon	30.20	62	N	6	b	30.23	-.03	61	56	+3	NNE	4	b	-	b	-	72	59	-
5	Corunna	30.38	63	NNW	5	b	30.40	-	64	61	-	N	6	f	3	b	-	64	59	-
6	The Helder	29.96	60	SW	2	0	29.84	-.20	58	-	-2	W	2	0	2	0	-	63	57	0.08
"	Corunna	30.38	65	NW	4	f	30.43	+.03	61	?	+3	N	1	bc	1	f	-	68	61	-
7	Lisbon	30.10	80	NNE	5	b	30.07	-.12	79	67	+4	ENE	3	b	-	b	-	91	73	-
8	Brussels	-	-	-	-	-	30.16	+.20	52	-	-3	NW	3	0	-	bc	-	57	52	-
9	Brussels	-	-	-	-	-	30.25	+.09	52	-	0	SSW	1	r	-	0	-	59	47	0.20
"	Corunna	30.19	70	NE	3	b	30.11	-.08	68	61	+4	NE	1	b	2	b	-	70	59	-
10	Lyons	30.30	62	NNE	1	b	30.26	-.06	60	54	+8	NNE	1	b	-	b	-	65	52	-
"	Corunna	30.05	77	NE	4	b	29.95	-.16	72	64	+4	NE	3	b	2	b	-	82	64	-
"	Lisbon	30.00	74	WNW	4	0	30.00	.00	74	64	-1	S	1	b	-	0	-	88	68	-
11	The Helder	30.09	62	NW	1	b	30.10	+.04	66	-	+8	SE	1	b	0	b	-	66	52	-
"	Brussels	-	-	-	-	-	30.10	-.06	71	-	+11	SE	1	b	-	b	-	72	54	-
12	Corunna	29.83	68	W	6	f	29.88	-	70	66	-	W	1	f	2	f	-	72	64	-
13	Azores (P. Delgada)	30.18	71	N	1	b	30.14	-.02	72	69	+2	W	4	bc	3	b	-	75	68	-
14	The Helder	29.85	71	WSW	1	b	29.95	+.15	65	-	-6	SW	2	b	1	b	-	75	61	-
-	Corunna	30.02	64	NW	3	b	30.07	.00	69	64	0	NW	3	0	2	b	-	73	63	-
-	Lisbon	30.06	67	N	5	b	30.07	+.03	69	61	0	NNE	4	b	-	b	-	79	63	-
16	Corunna	30.05	68	WNW	3	b	30.06	+.04	66	64	-4	NW	3	f	3	b	-	70	63	-
17	Corunna	30.12	69	N	5	b	30.18	+.12	72	68	+6	N	1	f	2	f	-	73	66	-
18	Lisbon	30.06	69	WSW	4	0	30.08	+.05	71	66	-4	WSW	4	bc	-	0	-	90	69	-
19	Corunna	30.06	66	WNW	3	f	29.91	-	68	64	-	S	3	0	2	f	-	82	63	0.12
20	Corunna	29.93	75	SSW	4	c	30.02	+.11	68	64	0	SSW	1	f	2	c	-	77	64	-
"	Lisbon	30.08	68	NNW	4	b	30.10	+.02	70	64	-1	NNE	3	b	-	b	-	81	64	-
"	Azores (P. Delgada)	30.07	71	S	5	0	30.04	-.06	71	70	+2	SSW	4	c	4	0	-	79	69	-
21	Corunna	30.13	67	W	1	f	30.14	+.12	64	63	-4	W	1	f	2	f	-	75	61	-
22	The Helder	30.10	66	W	1	b	30.08	+.04	66	-	-10	WSW	1	0	1	b	-	81	63	-
23	Corunna	30.18	68	WNW	3	b	30.06	-	70	66	-	NE	3	b	2	b	-	73	64	-
24	Corunna	29.97	73	NW	3	b	29.90	-.16	72	68	+2	NW	1	f	2	b	-	79	66	-
-	Lisbon	29.96	73	NW	1	b	29.98	-.02	67	64	-5	E	3	0	-	b	-	82	64	-
-	Azores (P. Delgada)	30.18	73	SSW	1	0	30.12	-.12	73	70	0	Z	0	bc	2	0	-	79	68	0.04
25	Corunna	29.93	70	NW	3	f	29.98	+.08	64	63	-8	NW	1	f	2	f	-	77	59	-
26	Malin Head	-	-	-	-	-	30.02	+.19	59	66	0	NNW	2	b	2	0	-	59	56	-
"	Nice	30.06	77	SW	1	c	30.06	+.02	82	-	+3	Z	0	b	0	c	-	88	72	-
"	Corunna	30.06	66	NW	3	f	30.02	+.04	?	?	?	N	3	f	2	f	-	77	61	-
-	Lisbon	30.03	68	N	5	b	30.06	+.06	69	63	-3	NNE	4	b	-	b	-	82	66	-
"	Azores (P. Delgada)	30.24	69	NW	1	bc	30.23	+.08	69	65	+1	N	3	bc	1	bc	-	75	64	-
27	Corunna	30.01	66	WSW	3	f	30.03	+.01	64	61	?	N	3	f	2	f	-	66	59	-
28	Brussels	-	-	-	-	-	29.85	-.27	73	-	+12	SE	3	c	-	zl	-	80	61	0.59
-	Paris	29.91	76	SSW	3	r	29.88	-.14	72	64	+2	SW	2	bc	-	r	-	96	66	-
"	Brest	29.82	65	NW	1	c	29.78	-.13	62	59	-2	W	2	bc	2	c	-	77	59	-
-	Nice	29.94	78	SW	2	b	29.93	-.07	82	67	+2	E	1	b	0	b	-	91	72	-
-	Perpignan	29.91	79	NNE	1	0	29.96	-.05	76	72	+2	SW	1	bc	-	0	-	86	68	-
-	Corunna	30.02	67	NNW	3	c	29.95	-.08	65	63	+1	NNW	1	0	2	c	-	68	61	-
29	The Helder	29.98	66	SW	1	c	29.79	-.11	67	-	0	SW	1	0	1	c	-	79	63	-
-	Corunna	29.95	66	NW	3	b	29.99	+.04	64	62	-1	NW	1	f	2	b	-	70	61	-
-	Scilly 2pm	-	-	-	-	-	29.87	"	64	60	-	WSW	3	c	2	-	-	-	-	-
30	Sumburgh Head	29.54	57	NE	1	f	29.48	-.22	56	56	+3	N	1	f	4	f	-	58	52	0.03
"	Munich	29.88	70	W	5	0	30.01	-.01	60	-	-11	W	5	r	-	0	-	86	60	0.20
-	Corunna	30.06	66	NW	3	f	30.18	+.19	68	64	+4	NW	1	f	2	f	-	70	63	-
31	Corunna	30.26	68	NNW	3	b	30.19	+.01	66	63	-2	N	2	c	2	b	-	70	61	-
"	Lisbon	30.05	73	NNW	5	b	30.02	-.07	78	66	+6	NNE	3	b	-	b	-	84	68	-

REPORTS FOR JULY, 1900.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.									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.
2	Donaghadee	-	-	-	-	-	-	-	-	-	-	Sw	-	-	-	-	-	-	-	-
3	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	55	-
-	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?51	-
5	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?63	-	-
6	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7·7	-	-	-
-	Spurn Head	-	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-
7	Malin Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-
8	Loughborough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65	-	-
-	Parsonstown	-	-	-	-	-	-	-	-	-	-	Sw	-	-	-	-	-	-	-	-
10	Haparanda	29·53	-	NNE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Hernösand	29·72	57	NW	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	Sumburgh Head	-	-	-	-	-	-	-	-	55	-	-	-	-	-	-	-	-	-	0·28
-	Liverpool	-	-	-	-	-	29·89	-·22	-	-	-	-	-	-	-	-	-	-	-	-
-	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14·7	-	-	-
12	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	67	-	-
-	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-
13	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-
14	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1·5	-	-	-
-	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-
15	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7·1	-	-	-
17	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·09
18	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8·9	-	-	-
-	Jersey	-	-	-	-	-	30·24	-·07	-	-	-	-	-	-	-	-	-	-	-	-
-	London	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13·9	-	-	-
20	Sumburgh Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?46	-
-	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-
-	Roche's Point	-	-	-	-	-	29·90	-·16	-	-	-	-	-	-	-	-	-	-	-	-
-	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4·8	-	-	-
23	Scilly	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·2	-	-	-
-	Jersey	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	-
28	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·08
29	Sumburgh Head	-	-	-	-	-	29·70	-·34	-	-	-	-	-	-	-	-	-	-	-	-