Cont

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER, 1894.

DAILY WEATHER REPORT

for 8 a.m. on Sunday 1st July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·05	63	WNW	2	c	29·96	− ·21	66	60	+ 2	N	4	c	*	c	*	73	52	—
	Hernosand ...	30·28	68	L	0	bc	30·20	− ·11	69	59	+ 1	NW	8	b	*	bc	*	79	63	—
	Stockholm ...	30·29	69	NE	2	o	30·28	− ·02	72	61	+ 3	NW	4	b	*	o	*	75	54	—
	Wisby	30·31	60	ESE	4	b	30·31	+ ·03	64	59	+ 2	NNE	4	bc	*	b	*	66	54	—
	Bodö	30·26	53	SW	6	o	30·25	− ·05	50	49	− 3	W	6	o	3	o	*	59	48	—
	Christiansund ...	30·47	59	NW	2	f	30·45	− ·01	62	60	+ 1	SSW	1	m	1	f	*	66	55	—
	Skudesnaes ...	30·37	64	NNE	3	b	30·37	·00	70	63	+ 6	SE	2	bc	1	b	*	72	55	*
	Færder (Christiania Fjord)	30·22	68	NNW	4	b	30·36	·00	68	63	0	N	4	b	1	b	*	70	64	—
	Skagen (The Scaw)	30·30	64	WNW	1	bc	30·37	+ ·05	70	62	+ 6	W	1	b	0	bc	*	82	59	—
	Fanö	30·33	63	WNW	1	b	30·34	+ ·04	66	63	+ 5	WNW	2	b	*	b	*	70	59	—
British Islands.	Sumburgh Head	30·43	66	SW	1	b	30·39	− ·06	65	60	+ 1	NE	1	b	1	b	*	69	53	—
	Stornoway ...	30·35	68	E	2	b	30·29	− ·09	68	63	+ 2	L	0	b	2	mb	15·0	72	62	—
	Wick	30·48	58	S	1	b	30·34	− ·13	60	58	+ 2	S	1	b	0	b	*	63	53	—
	Nairn	30·35	69	E	2	b	30·33	− ·08	58	58	− 6	L	0	f	1	b	*	72	51	—
	Aberdeen ...	30·43	55	ENE	1	b	30·37	− ·09	60	58	+ 4	ESE	1	br	1	b	9·0	61	50	0·01
	Leith	30·38	61	ENE	1	b	30·36	− ·09	54	54	0	ENE	1	m	*	b	*	65	52	—
	Shields	30·42	61	E	2	b	30·38	− ·10	62	59	+ 9	L	0	m	2	f, b.	*	62	48	—
	Spurn Head ...	30·39	56	NNE	2	b	30·34	− ·10	63	60	+ 8	ENE	2	c	2	b.f	*	63	52	—
	York	30·41	74	ESE	1	b	30·35	− ·11	64	60	+ 3	N	1	b	*	b	*	83	50	—
	Loughborough ...	30·35	76	E	3	b	30·36	− ·09	60	57	− 1	NE	2	b	*	b. f	*	82	51	—
	Ardrossan ...	30·34	78	L	0	b	30·31	− ·11	63	61	0	NNE	4	bm	2	b	*	81	55	—
	Malin Head ...	30·27	73	SE	4	b	30·24	− ·12	60	56	− 2	ESE	4	b	1	b	*	74	57	—
	Belmullet ...	30·32	78	SE	2	b	30·13	− ·18	70	64	+ 1	E	2	b	*	b	*	79	60	—
	Donaghadee ...	30·35	67	ESE	3	b	30·30	− ·13	62	58	+ 1	ENE	3	b	1	b	*	69	59	—
	Liverpool (Bidston)	30·32	77	E	4	b	30·30	− ·11	68	61	0	ESE	2	b	2	b	*	80	57	—
	Holyhead ...	30·30	70	E	1	b	30·24	− ·15	68	61	− 1	E	2	b	1	b	*	76	53	—
	Parsonstown ...	30·23	76	SE	2	b	30·17	− ·16	68	61	0	SE	2	b	*	b	11·7	79	57	—
	Valencia ...	30·14	75	SE	5	b	30·04	− ·17	67	61	− 1	E	4	cm	3	b	15·3	77	62	—
	Roche's Point ...	30·21	69	ESE	5	b	30·12	− ·16	65	59	0	ESE	4	b	3	b	*	72	60	—
	Pembroke (St. Ann's Hd.)	30·24	70	SSE	3	b	30·16	− ·15	65	61	+ 1	SE	6	b	4	b	14·8	75	62	—
	Scilly	30·15	63	E	5	c	30·11	− ·09	62	59	0	E	4	c	2	c	12·3	66	59	—
	Prawle Point ...	30·22	60	E	5	b	30·26	− ·02	65	61	+ 1	NE	5	bm	4	bm	*	68	58	—
	Jersey (St. Aubin's)	30·18	74	ENE	5	bm	30·20	− ·04	73	64	+ 4	NE	2	b	2	b	*	78	63	—
	Hurst Castle ...	30·26	74	ESE	2	b	30·22	− ·09	68	67	0	ENE	1	b	1	b	*	79	57	—
	Dungeness ...	30·26	66	ENE	5	b	30·25	− ·08	65	61	0	E	5	bc	4	b	*	70	60	—
	North Foreland	30·37	61	NE	3	b	30·36	− ·09	64	61	+ 1	E	2	b	3	b	*	65	57	—
	London (Brixton) ...	30·32	74	NE	2	b	30·30	− ·08	70	64	+ 3	E	3	b	*	b	13·8	82	57	—
	Oxford	30·31	71	E	1	b	30·29	− ·10	67	60	+ 5	ENE	2	b	*	b	*	81	53	—
	Cambridge ...	30·34	77	ENE	1	b	30·33	− ·10	67	61	+ 7	NE	3	b	*	b	15·0	84	49	—
	Yarmouth ...	30·39	69	NNE	3	b	30·35	− ·08	61	59	+ 1	NE	2	b	2	bv	*	64	55	—
Germany & Holland.	Cuxhaven ...	30·60	62	WNW	1	c	30·40	+ ·07	62	61	+ 2	W	1	f	*	c	*	71	60	—
	Berlin	30·28	72	NE	2	b	30·34	+ ·07	71	63	+ 1	NE	1	b	*	b	*	88	63	—
	Wiesbaden ...	*	*	*	*	*	30·35	·00	69	64	+ 4	E	1	b	*	*	*	82	61	—
	Munich	30·36	63	L	0	b	30·40	+ ·02	65	60	0	E	1	b	*	b	*	73	50	—
	The Helder ...	30·40	62	NNE	1	b	30·41	− ·05	63	61	+ 1	WNW	1	bc	1	b	*	68	57	—
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·32	− ·06	75	68	+ 4	ENE	1	b	*	b	*	83	59	—
	Cape Gris Nez ...	30·29	64	E	4	b	30·23	− ·07	65	65	0	ESE	3	bc	3	b	*	70	54	—
	Paris	30·20	87	E	2	b	30·25	− ·03	70	62	+ 4	ESE	1	b	*	b	*	86	57	—
	Brest	?	75	NW	1	b	?	?	62	61	− 3	SSE	2	c	2	b	*	81	61	—
	Lorient	30·11	81	SSE	1	b	30·17	+ ·02	64	63	+ 1	SSE	3	m	2	b	*	84	59	—
France &	Rochefort ...	30·10	56	NW	1	o	30·17	+ ·08	69	65	+ 5	SE	3	c	*	o, fl	*	88	63	—
	Belfort														*		*			
	Lyons	30·20	79	SSE	1	c	30·28	+ ·13	67	60	+ 2	S	1	c	*	c, l	*	85	60	—
	Nice	30·15	75	W	2	bc	30·23	+ ·05	74	60	+ 3	E	1	b	0	bc	*	81	63	—
	Perpignan ...	30·23	67	W	1	c	30·27	+ ·10	71	68	+ 2	E	2	bc	*	c	*	81	62	0·12
	Biarritz ...	30·05	78	E	2	o	30·14	+ ·08	68	65	+ 3	NW	2	o	1	o	*	82	64	—
Peninsula.	Corunna ...	30·14	70	W	5	o	?	?	71	64	+ 6	SW	6	o	3	o	*	72	57	—
	Lisbon	30·22	64	N	4	b	30·26	+ ·11	68	62	+ 4	SSW	2	b	*	b	*	75	61	—
	Azores (P. Delgada)	30·20	68	L	0	c	30·28	+ ·27	67	66	0	L	0	c	2	c	*	72	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 roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR SUNDAY, 1st JULY, 1894.

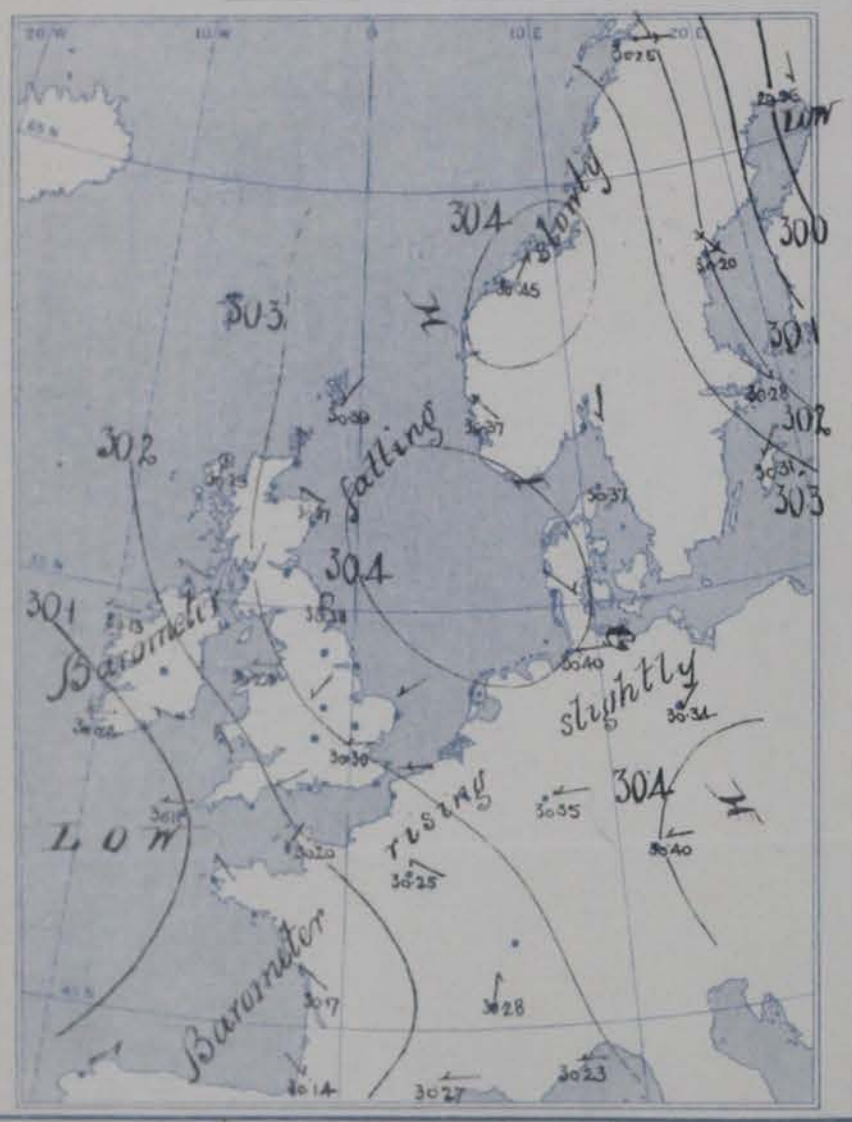
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▭ ; *High* ▬

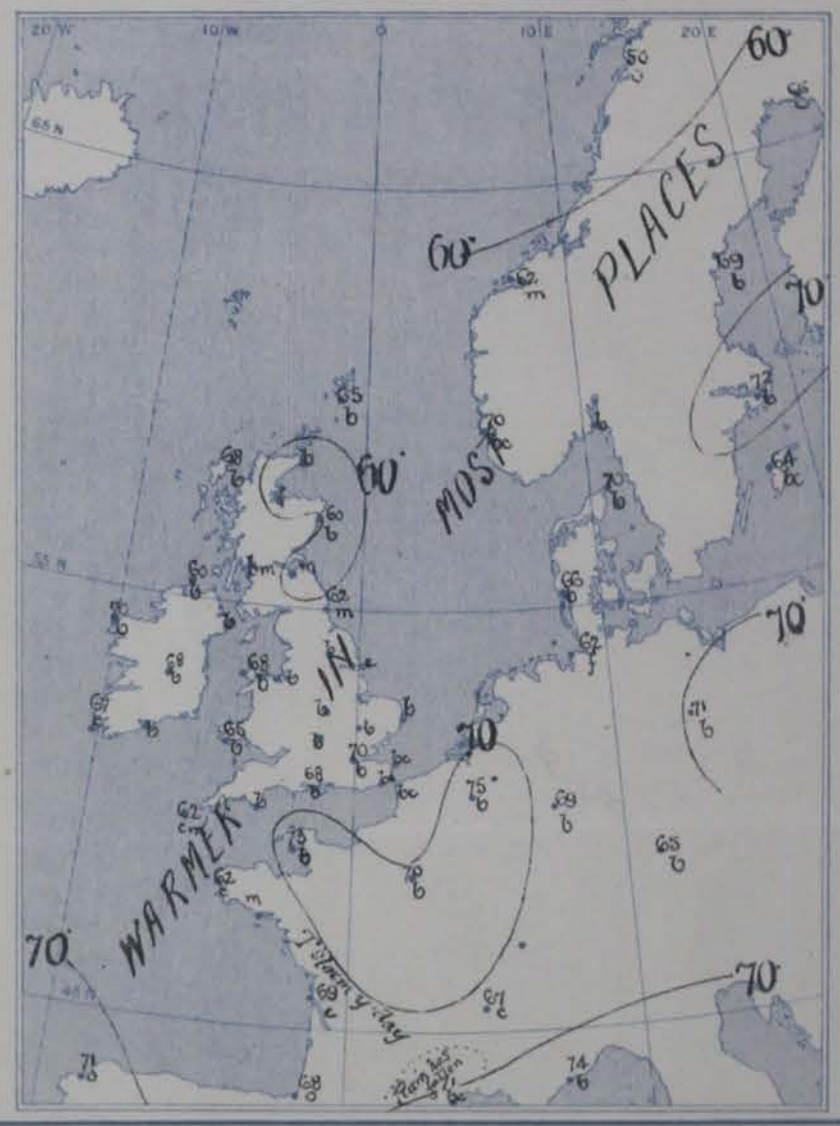


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·86	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valentia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·956	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·9	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·38	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·4 ins: and more to 30·3 ins: in a large anticyclone covering Germany, the North Sea and the greater part of Scandinavia on the one hand, and Great Britain on the other; 30·2 ins: and more over the southern half of Spain.
Lowest, 30·1 ins: and less, in a vast, but shallow area of low pressure lying over the Atlantic and stretching in over the Bay of Biscay and south-west of Ireland.
Gradients slight and mainly favourable for E. and SE. winds in our Islands, but for SW. winds in Portugal and Spain.
Barometer falling over our Islands, rising over the Iberian Peninsula.

TEMPERATURE — Highest 74° at Nice, 71° at Perpignan and Berlin, 70° at Paris, in London, and at Belmullet; (2) 72° at Stockholm, and 69° at Hernösand.
Lowest, 50° at Bodö, 54° at Leith, 58° at Nairn, 60° at Aberdeen and Malin Hd.
The maxima recorded yesterday ranged between 80° and 84° over England, and touched 87° at Jassy, at Paris and at Rochefort.

WIND — (1) NW. over Sweden, moderate to a gale in force, N. at Faender; (2) Calm in Scotland, SE. to E. over the greater part of Ireland, England, and Brittany — but NE. at Raz de Barfleur Point and Jersey, and SSW. over Portugal.
Over Central France variable airs are reported.

WEATHER — Still very fine and bright in almost all regions, but hazy on our extreme south-west coasts, and at Lorient, foggy at Nairn.

SEA — Moderate in the south-west and south, slight to very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 2nd July, 1894.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·38	72	63	NNW	2	bc	1	Valencia	30·16	76	69	E	5	bmq	4
Sumburgh Head	30·45	68	63	SW	1	b	0	Scilly	30·20	66	63	E	5	c	4
Stornoway	30·36	72	64	SE	3	m	3	Jersey	30·22	71	68	ENE	4	b	3
Aberdeen	30·47	58	56	SE	2	b	1	Hurst Castle ...	30·30	74	67	ESE	4	b	3
Shields	30·45	58	56	E	1	b	2	Dungeness ...	30·31	69	63	ENE	4	b	3
Ardrossan	30·39	71	66	E	2	b	0	North Foreland	30·35	65	62	NE	2	b	2
Malin Head ...	30·34	69	57	E	3	b	1	London (Westminster)	30·36	78	66	NE	3	b	*
Belmullet	30·25	71	65	E	2	b	*	Yarmouth ...	30·42	64	60	NNE	2	bv	2
Holyhead	30·36	70	65	ENE	1	b	0	Rochefort ...	30·10	82	74	NW	3	b	*

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

Continental Information not received.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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for 8 a.m. on Monday 2nd July 1894.

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	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 ...	29·95	58	NW	4	b	29·99	+ ·02	55	53	— 11	L	0	o	*	b	*	72	55	—
	Hernösand ...	30·14	72	W	4	b	30·12	— ·08	64	55	— 5	WNW	6	b	*	b	*	82	61	—
	Stockholm ...	30·18	67	S	2	b	30·15	— ·13	70	60	— 2	NW	2	b	*	b	*	81	61	—
	Wisby	30·22	63	SSW	2	b	30·17	— ·14	64	60	0	SW	2	b	*	b	*	73	54	—
	Bodö	30·24	50	W	4	r	30·19	— ·06	49	46	— 1	NW	4	o	2	r	*	50	46	0·08
	Christiansund ...	30·38	65	NW	1	m	30·29	— ·16	63	58	+ 1	SW	1	m	1	m	*	66	57	—
	Skudesnaes ...	30·33	57	W	1	bc	30·23	— ·14	63	57	— 7	WNW	2	bc	1	bc	*	70	52	?
	Færder (Christiania Fjord)	? 30·24	71	WSW	2	b	30·20	— ·16	69	66	+ 1	N	3	b	o	b	*	77	66	—
	Skagen (The Scaw)	30·39	62	W	1	b	30·17	— ·20	67	61	— 3	W	1	b	o	b	*	75	57	—
	Fanö	30·30	64	WNW	2	b	30·25	— ·09	63	62	— 3	WNW	1	m	*	b	*	73	61	—
British Islands.	Sumburgh Head	30·31	65	NE	2	b	30·23	— ·26	56	56	— 9	ESE	1	o	2	b	*	67	54	0·01
	Stornoway ...	30·17	72	L	o	b	30·03	— ·16	66	62	— 2	L	o	b	2	b	15·2	74	60	—
	Wick	30·24	58	S	2	b	30·12	— ·22	61	57	+ 1	S	1	b	o	b	*	66	54	—
	Nairn	30·16	66	L	o	b	30·06	— ·27	64	62	+ 6	L	o	b	o	b	*	68	47	—
	Aberdeen ...	30·26	63	SSE	2	b	30·14	— ·23	57	55	— 3	SSE	2	bcm	1	b	13·8	68	55	—
	Leith	30·24	62	L	o	b	30·12	?	55	55	+ 1	NE	1	m	*	b	*	68	53	—
	Shields	30·27	63	E	2	b	30·16	— ·22	56	55	— 6	SE	2	f	2	b	*	65	52	—
	Spurn Head ...	30·26	55	E	2	f	30·14	— ·20	60	59	— 3	ESE	3	o	3	b, f	*	65	52	—
	York	30·26	73	E	1	b	30·16	— ·19	68	60	+ 4	SSE	1	b	*	b	*	80	52	—
	Loughborough ...	30·20	79	E	3	b	30·16	— ·20	67	63	+ 7	SSE	1	om	*	b	*	83	55	—
	Ardrossan ...	30·15	76	L	o	bm	30·05	— ·26	64	62	+ 1	NE	3	cm	1	bm	*	78	59	—
	Malin Head ...	30·10	63	ESE	3	b	30·04	— ·20	62	59	+ 2	NW	1	or	o	b	*	?71	57	—
	Belmullet ...	30·00	77	SE	1	b	30·05	— ·08	59	[illegible]	— 11	W	2	om	*	b	*	80	58	0·92
	Donaghadee ...	30·16	65	SE	3	b	30·07	— ·23	60	59	— 2	SW	3	c	2	b, l	*	67	59	0·04
	Liverpool (Bidston)	30·16	79	ESE	3	b	30·11	— ·19	65	62	— 3	SW	2	o	2	b	*	87	62	—
	Holyhead ...	30·14	79	SSE	1	bc	30·11	— ·13	59	58	— 9	SW	1	f	1	bc, thr	*	83	57	0·06
	Parsonstown ...	30·06	74	SE	1	b	30·07	— ·10	60	59	— 8	SW	1	m	*	b	12·4	79	59	—
	Valencia ...	30·02	66	SSE	4	c	30·12	+ ·08	58	56	— 9	W	2	o	3	b, c	10·3	74	56	0·18
	Roche's Point ..	30·10	63	SSE	4	m	30·11	— ·01	62	59	— 3	SW	2	c	3	pm, f	*	67	58	—
	Pembroke (St. Ann's Hd.)	30·14	62	W	1	b	30·13	— ·03	58	57	— 4	SW	2	ogpa	3	b	12·2	70	57	0·04
	Scilly	30·11	61	SE	4	m	30·15	+ ·04	63	61	+ 1	SSE	2	c	2	thr, m	4·2	67	57	0·25
	Prawle Point ...	30·17	63	WNW	3	b	30·17	— ·09	59	58	— 6	SSW	1	f	1	b, thr	*	69	57	0·31
	Jersey (St. Aubin's)	30·20	65	WSW	3	othr	30·23	+ ·03	59	58	— 14	W	4	f	3	thr, g	*	81	58	1·10
	Hurst Castle ...	30·16	77	ESE	2	b	30·16	— ·06	62	61	— 6	SW	1	og	1	g	*	80	56	0·14
	Dungeness ...	30·16	65	ENE	4	b	30·13	— ·12	70	69	+ 5	ESE	1	b	o	b, l	*	71	61	—
	North Foreland	30·28	65	E	3	b	30·15	— ·15	69	66	+ 5	N	1	b	2	b	*	69	61	—
	London (Brixton) ...	30·20	76	E	3	b	30·15	— ·15	73	66	+ 3	WSW	2	o	*	b, ol, be	13·8	82	60	—
	Oxford	30·18	73	E	2	b	30·14	— ·15	69	64	+ 2	SSW	1	c	*	b	*	83	63	—
	Cambridge ...	30·22	80	ESE	2	b	30·14	— ·19	71	67	+ 4	S	1	b	*	b	*	87	66	—
	Yarmouth ...	30·28	64	ENE	2	b	30·17	— ·18	62	60	+ 1	SE	2	bm	2	b, w	*	66	58	—
Germany & Holland.	Cuxhaven ...	30·24	69	SW	1	b	? 30·23	— ·17	68	67	+ 6	N	1	m	*	b	*	70	62	—
	Berlin	30·23	77	L	o	c	30·24	— ·10	71	65	o	L	o	b	c	c	*	?	68	—
	Wiesbaden ...	*	*	*	*	*	30·25	— ·10	71	65	+ 2	E	1	b	*	*	*	84	61	—
	Munich	30·32	68	NE	1	b	30·35	— ·05	69	61	+ 4	E	1	b	*	b	*	77	54	—
	The Helder ...																*			
Belgium. France &	Brussels (9 a.m.) ...	*	*	*	*	*	30·20	— ·12	80	68	+ 5	SW	1	b	*	b	*	87	64	—
	Cape Gris Nez ...	29·99	72	E	2	m	30·12	— ·11	72	?	+ 7	L	o	m	o	m	*	73	57	—
	Paris	30·19	85	SE	2	b	30·19	— ·06	71	65	+ 1	SE	1	b	*	b	*	89	59	—
	Brest	?	62	S	1	r	?	?	59	59	— 3	W	1	f	2	r	*	77	57	0·20
	Lorient	30·17	64	WNW	2	t	30·24	+ ·07	62	60	— 2	W	3	c	2	t	*	72	59	0·24
	Rochefort ...	30·16	71	WNW	1	o	30·25	+ ·08	65	64	— 4	WNW	1	o	*	o	*	90	61	—
	Belfort ...														*		*			
	Lyons	30·18	82	SE	1	b	30·16	— ·12	69	61	+ 2	SSW	1	b	*	b, b, l	*	88	61	—
	Nice	30·20	77	W	1	b	30·17	— ·06	75	61	+ 1	L	o	b	o	b	*	84	64	—
	Perpignan ...	30·20	79	S	2	o	30·24	— ·03	74	69	+ 3	SW	1	b	*	o	*	81	?	—
	Biarritz ...	30·17	71	W	3	bc	30·26	+ ·12	68	66	o	L	o	o	2	bc	*	79	64	0·20
Peninsula.	Corunna ...														*		*			
	Lisbon	30·28	67	NNW	3	o	30·26	·00	70	64	+ 2	NNE	4	b	*	b	*	79	63	0·35
	Azores (P. Delgada)	30·37	67	NNE	4	r	30·41	+ ·13	67	64	o	N	4	bc	2	r	*	73	63	0·06

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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR MONDAY, 2nd JULY, 1894.

BAROMETER, WIND AND SEA.

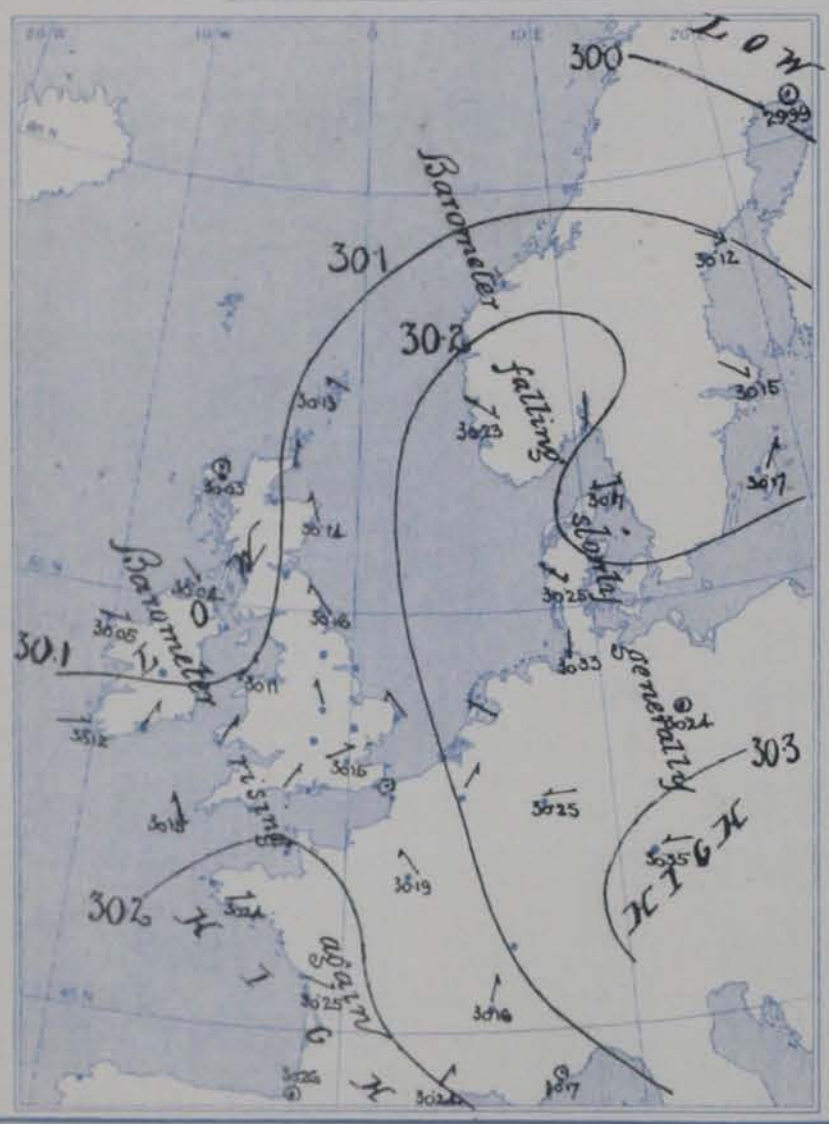
BAROMETER—Isobars are drawn for each tenth of an inch.

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 & 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.

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·3	2·96	147·1	29
Valentia	29·955	58·9	56·4	64·0	53·6	3·99	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·50	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·9	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·9	56·6	69·6	53·4	2·38	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·9	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest (1) 30·3 ins. and more over south Germany, and exceeding 30·2 ins. over north Germany and the eastern side of the North Sea; (2) 30·2 ins. and more over Spain and the west of France.
Lowest (1) Below 30·0 ins. over Lapland, (2) below 30·1 ins. over the northwestern parts of our Islands, and below 30·2 ins. over the east and south of France.
Gradients slight and irregular. Barometer rising at the southwestern stations, falling elsewhere.

TEMPERATURE — Highest 80° at Brussels, 74° to 75° on the south coast of France, 73° in London, 71° at Paris, Wiesbaden & Berlin.
Lowest 55° at Haparanda, 56° at Sumburgh Hd. and Shields, 57° at Aberdeen, and 59° at Holyhead.
The maxima recorded yesterday ranged between 80° and 83° in many parts of our Islands, and touched 87° at Cambridge and Brussels, 89° at Paris, and 90° at Rochefort.

WIND — Very light in most places — mainly from between W. and S. over the west of France, Ireland and England, (but SE¼ at the eastern stations) E¼ over Germany, NW¼ and N¼ over Scandinavia.
The change in direction since yesterday morning has been very decided.

WEATHER — Very variable, cloudy, hazy or foggy at most of the southwestern and western stations, foggy at Shields also; clear in Scotland, in most parts of Scandinavia, Germany and the east of France.
Thunderstorms have occurred in the west and southwest, lightning in the south. At Jersey the rainfall was 1·1 ins.

SEA — Slight in the west and south, smooth to 'dead calm' elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The present disturbance of the weather does not seem to be of a very permanent or serious character, and an early renewal of bright weather is probable.

FORECASTS

For the 24 hours ending at NOON on 3RD JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying and SW¼ airs; weather less fair, thunder showers not improbable.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 4.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	SE¼ to SW¼ breezes, close some local showers, possibly thunder.
5	ENGLAND SOUTH	Varying light breezes, close, changeable, thunder showers probable.
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S¼ to W¼ winds, light; perhaps some rain.
9	IRELAND NORTH	SW¼ and W¼ breezes, light; fair as a whole.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnes ...	30·25	70	63	ESE.	1	c	1
Sumburgh Head							
Stornoway	30·21	72	68	Z	0	b	2
Aberdeen							
Shields							
Aspatria							
Malin Head ...	30·17	66	57	ESE.	2	b	1
Belmullet	30·09	80	69	SSE	3	b	m
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	30·19	76	68	SE	2	b	2
Hurst Castle ...							
Dungeness ...	30·22	69	64	E	4	b	3
North Foreland							
London (Westminster)							m
Yarmouth ...							
Rochefort ...	30·17	85	73	Z	0	c	m

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

Continental Information not received.

SUMMARY of CHANGES in the WEATHER over the BRITISH ISLANDS and their NEIGHBOURHOOD
From the 24th to the 30th June 1894.

In the course of the week an important change has taken place in the weather over the British Islands and Northwestern Europe. The depressions noticed at the commencement of the week have all passed away, and a well formed anticyclonic system has advanced over us from the Atlantic, and increased steadily in intensity. Its central parts first covered Ireland and the west of England but on Wednesday had reached the northeastern parts of Great Britain, and in that position they have remained ever since – the system meanwhile spreading to all but the extreme southern and eastern countries of Europe.

The weather has consequently cleared up very generally; and although fog has hung about our northern and eastern coasts, and temperature there did not rise so soon as in other regions, yet the sky has been very clear; the thermometer has risen to between 75° and 80° over England on several days and the amount of bright sunshine recorded has been very large over the greater part of England.

At the close of the week there was no indication of any decided change.

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. [illegible]

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

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

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 3rd July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ... †	29·93	53	7	0	bc	29·99	·00	52	48	— 3	NNW	6	bc	*	bc	*	63	46	0·04
	Hernösand ... †	29·98	70	WNW	4	b	29·99	— ·13	60	51	— 4	WNW	6	b	*	b	*	82	60	—
	Stockholm ... †	30·01	63	S	2	b	29·89	— ·26	68	59	— 2	NNE	4	c	*	b	*	79	59	—
	Wisby ... ... †	30·06	64	SSE	2	b	29·91	— ·26	65	62	+ 1	W	4	b	*	b	*	71	55	—
	Bodö	30·17	49	NNW	2	o	30·15	— ·04	49	45	0	WSW	1	b	1	o	*	52	41	—
	Christiansund ...	30·12	61	NE	3	b	30·00	— ·29	60	57	— 3	NE	4	m	2	b	*	68	54	—
	Skudesnaes ...	30·10	56	VI	2	f	29·96	— ·27	57	55	— 6	WNW	1	o	2	f	*	68	52	?
	Færder (Christiania Fjord)	30·01	71	WSW	3	bc	29·90	— ·30	64	62	— 5	ESE	5	o	2	bc	*	81	64	—
	Skagen (The Scaw)	30·06	59	W	2	b	29·89	— ·28	59	57	— 8	W	2	o	0	b	*	72	54	—
	Fanö	30·09	61	WNW	1	b	29·91	— ·34	65	61	+ 2	NNE	2	bl	*	b	*	73	55	—
British Islands.	Sumburgh Head	30·01	58	SE	1	o	29·87	— ·26	58	58	+ 2	S	1	f	1	o	*	61	55	—
	Stornoway ...	29·97	65	NW	3	r	29·99	— ·04	57	56	— 9	W	2	c	2	b,blr	7·6	76	52	1·70
	Wick	29·97	63	S	2	o	29·98	— ·14	57	55	— 4	N	5	o	2	o,blr	*	67	52	0·65
	Nairn	29·92	68	SW	1	c	29·98	— ·08	57	54	— 7	W	3	c	1	c,r	*	73	47	0·61
	Aberdeen ...	29·99	59	SSE	2	og	29·97	— ·17	57	54	0	WNW	4	ogq	3	og,r	7·0	63	55	0·15
	Leith	29·97	62	7	0	r	30·01	— ·11	62	55	+ 7	W	3	b	*	br	*	63	51	0·59
	Shields	29·99	64	SE	3	r	30·00	— ·16	58	53	+ 2	W	4	bc	2	f,p	*	64	53	0·10
	Spurn Head ...	30·02	62	WSW	2	r	30·02	— ·12	60	56	0	WNW	4	c	3	c,blrq	*	64	58	0·50
	York	30·02	69	SSE	1	ob	30·06	— ·10	61	55	— 7	W	2	b	*	b,o	*	78	51	0·12
	Loughborough ...	30·07	71	WSW	3	bc	30·12	— ·04	60	55	— 7	WNW	3	c	*	pt,bc	*	76	55	0·12
	Ardrossan ...	30·01	60	SW	2	op	30·07	+ ·02	57	55	— 7	WSW	4	c	3	op	*	65	53	0·12
	Malin Head ...	30·05	58	W	4	cpa	30·11	+ ·07	56	52	— 6	W	4	op	2	o,cpa	*	62	53	0·25
	Belmullet ...	30·12	60	SW	2	c	30·17	+ ·12	59	54	0	SW	2	c	*	b,c	*	62	54	0·01
	Donaghadee ...	30·05	63	N	4	c	30·13	+ ·06	58	55	— 2	WNW	4	bc	2	c	*	66	57	0·14
	Liverpool (Bidston)	30·06	61	7	0	c	30·15	+ ·04	58	55	— 7	W	4	c	3	c	*	67	54	0·68
	Holyhead ...	30·08	59	SW	4	bcpm	30·18	+ ·07	60	57	+ 1	W	4	c	3	cm,bcmp	*	69	54	0·02
	Parsonstown ...	30·04	61	SW	2	o	30·22	+ ·15	58	54	— 2	NW	1	c	*	o	5·8	65	52	—
	Valencia ...	30·21	60	WSW	3	bc	30·17	+ ·15	59	55	+ 1	SW	2	bcm	4	bcm	8·4	62	53	—
	Roche's Point ..	30·17	64	NW	3	b	30·26	+ ·15	59	55	— 3	WNW	3	b	3	b	*	65	52	—
	Pembroke (St. Ann's Hd.)	30·12	60	WSW	2	o	30·22	+ ·09	55	53	— 3	NW	4	bc	3	o	2·2	61	54	0·20
	Scilly	30·21	60	W	4	c	30·27	+ ·12	59	55	— 4	NW	4	c	?	cp,c	5·5	64	55	0·01
	Prawle Point ...	30·16	58	SW	4	o	30·22	+ ·05	61	57	+ 2	NW	3	c	2	o,f	*	69	54	—
	Jersey (St. Aubin's)	30·22	62	W	3	oma	30·25	+ ·02	60	57	+ 1	NW	4	c	3	c,mid,p	*	68	56	0·18
	Hurst Castle ...	30·15	65	SW	4	bc	30·15	— ·01	61	58	— 1	NW	2	og	2	b,bc	*	67	58	—
	Dungeness ...	30·11	62	W	5	b	30·09	— ·04	59	57	— 11	W	4	c	3	b	*	71	57	—
	North Foreland	30·08	75	W	4	c	30·09	— ·06	65	62	— 4	W	2	c	2	bc,c	*	81	58	0·06
	London (Brixton) ...	30·09	75	SW	2	bc	30·13	— ·02	61	58	— 12	NW	2	o	*	bc,b,cp	4·0	80	60	0·03
	Oxford	30·11	63	WSW	2	b	30·14	·00	61	55	— 8	NW	2	c	*	p,b	*	73	54	0·07
	Cambridge ...	30·05	73	SSW	1	o	30·09	— ·05	61	60	— 10	W	1	c	*	tlr,o	7·0	82	52	0·07
	Yarmouth ...	30·03	67	S	2	bc	30·04	— ·13	63	60	+ 1	WNW	2	c	2	b,bc,tlr	*	70	58	0·03
Germany & Holland.	Cuxhaven ...	30·05	71	NE	2	b	29·98	— ·31	71	68	+ 3	NW	4	b	*	b	*	73	68	—
	Berlin	30·10	80	7	0	c	30·01	— ·23	75	68	+ 4	SE	2	b	*	c	*	88	68	—
	Wiesbaden ...	*	*	*	*	*	30·10	— ·15	72	65	+ 1	NW	3	o	*	*	*	86	64	—
	Munich	30·23	69	7	0	b	30·18	— ·17	70	62	+ 1	SW	4	c	*	b	*	79	55	—
	The Helder ...	30·10	75	E	1	b	30·04	— ·22	62	60	— 9	WNW	4	bc	3	b	*	80	62	0·59
Belgium. France &	Brussels (9 a.m.) ...	*	*	*	*	*									*		*			
	Cape Gris Nez ...	30·10	65	SW	4	f	30·11	— ·01	56	56	— 16	SW	4	o	4	f	*	77	54	0·08
	Paris	30·18	73	N	2	c	30·22	+ ·03	61	58	— 10	W	2	o	*	c	*	89	59	—
	Brest	?	61	NNW	2	c	?	?	57	56	— 2	NW	3	c	3	c	*	81	55	0·28
	Lorient	30·25	62	WNW	4	c	30·31	+ ·07	59	55	— 3	NW	4	bc	2	c	*	70	55	—
	Rochefort ...	30·25	67	NW	4	o	30·28	+ ·03	60	57	— 5	N	4	b	*	c,o	*	82	55	—
	Belfort														*		*			
	Lyons ...	30·15	77	NW	2	bc	30·20	+ ·04	72	63	+ 3	N	1	b	*	t,bc	*	89	66	—
	Nice	30·12	77	SW	1	bc	30·08	— ·09	73	61	— 2	7	0	bc	0	bc	*	84	66	—
	Perpignan ...	30·15	83	7	0	c	30·21	— ·03	76	68	+ 2	NW	3	o	*	c	*	91	72	—
	Biarritz ...	30·26	71	NNW	3	o	30·27	+ ·01	70	65	+ 2	SSE	2	o	1	o	*	77	64	—
Penin-sula.	Corunna ...														*		*			
	Lisbon	30·21	68	N	5	b	30·17	— ·09	69	60	— 1	N	4	b	*	b	*	82	64	—
	Azores (P. Delgada)	30·44	66	NNE	2	c	30·39	— ·02	65	63	— 2	NW	3	c	1	c	*	72	63	0·12

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR TUESDAY, 3rd JULY, 1894.

BAROMETER, WIND AND SEA.

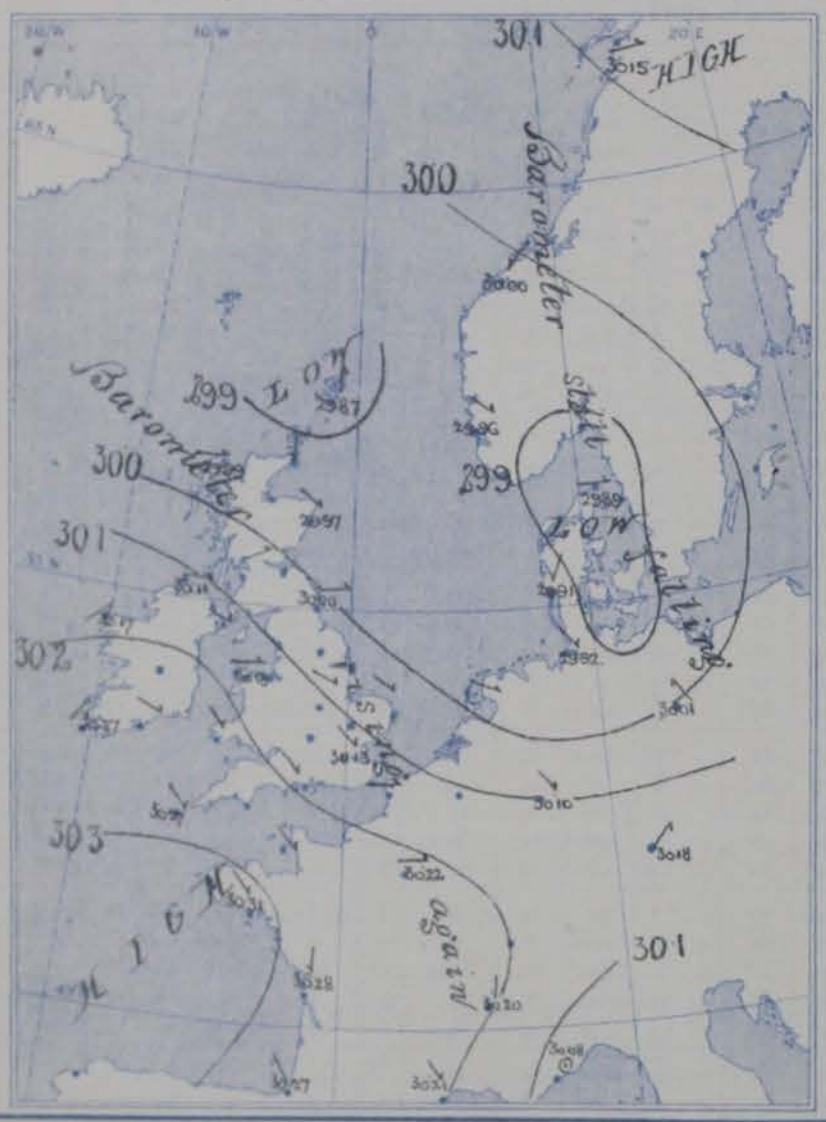
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ➤⟶ ;

SEA—*Rough* ▭ ; *High* ▬

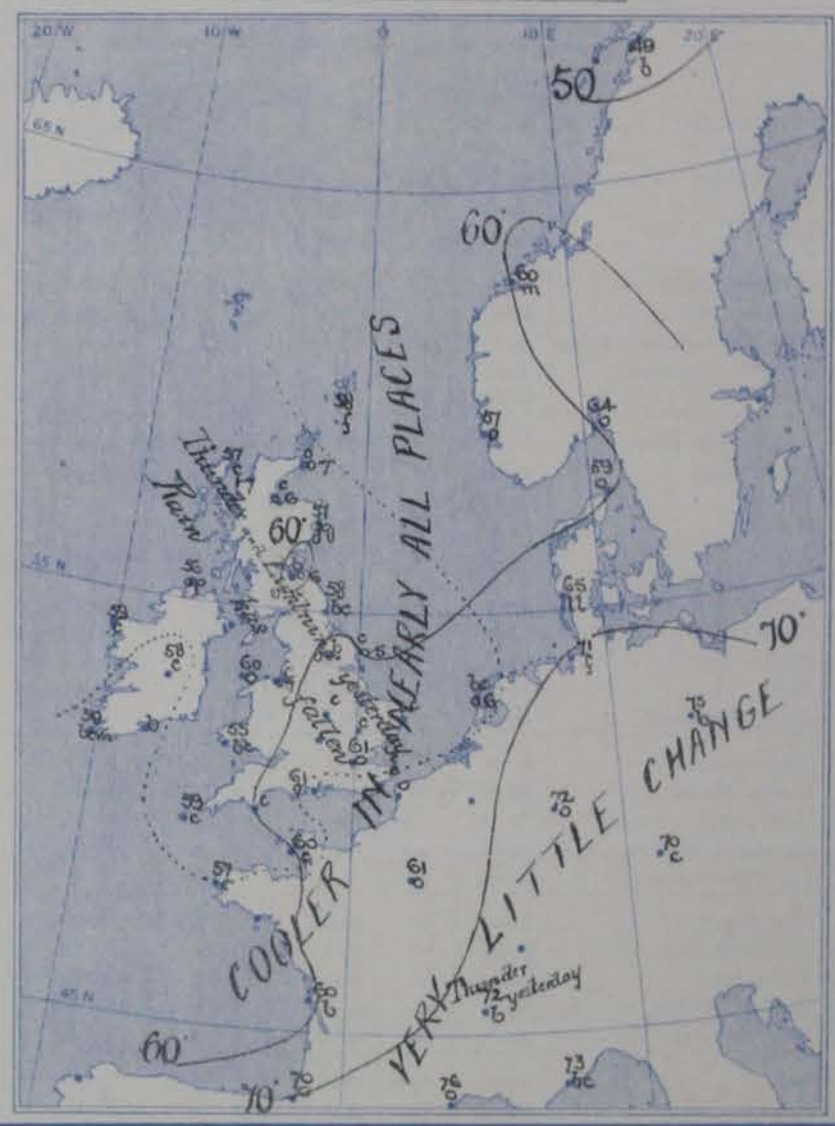


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·880	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·948	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·952	61·3	57·7	71·9	52·2	2·42	193·6	39
Yarmouth	29·959	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30·3 ins. and upwards in an anticyclone lying over the Bay of Biscay.
Lowest 29·9 ins. and less in a small shallow depression lying near the Shetlands, and also in another system over Denmark.
Gradients slight. Barometer rising in our Islands and France, but falling in Scandinavia, Denmark & Germany.

TEMPERATURE — Highest 76° at Perpignan, 75° at Berlin, 73° at Nice, 72° at Wiesbaden and Lyons, and 71° at Cuxhaven.
Lowest 49° at Bodö, 55° at Pembroke, 56° at Malin Hd., and 57° at Stornoway, Wick, Nairn, Aberdeen, Aldrossan and Brest.
The highest maxima registered over our Islands yesterday were 82° at Cambridge, 81° at the North Foreland and 80° in London.

WIND — Light to moderate from the W^wd. or NW^wd. over the greater part of our Islands, but SW. in the west of Ireland, NW. or N. in France; variable in Norway and Denmark.

WEATHER — Fair or fine in some parts of western Europe, but dull in Denmark, North Germany and the south of Norway, with thunder at Faro and Cuxhaven. A solar halo was reported at Jersey.
Thunderstorms occurred yesterday in many parts of St. Britain, with heavy rain at the northern stations; at Stornoway the amount measured this morning was as much as 1·7 ins.

SEA — Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over the Bay of Biscay seems to be spreading northwards, and fair weather is therefore likely to set in again over the greater part of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 4TH JULY. 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NW. winds, light or moderate; 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	W. and NW. winds, light. Local thunder showers at first then fair.
6	SCOTLAND WEST	W. winds, light or moderate; fair to showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW. and W. winds, light; fair generally.
9	IRELAND NORTH	SW. and W. winds, moderate; fair to showery.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·17	67	60	W	2	c	1
Sumburgh Head	30·06	60	58	SE	1	o	2
Stornoway	29·97	73	65	Z	0	bt	2
Aberdeen	30·07	62	59	SSE	3	bm	2
Shields	30·07	62	61	E	2	p	2
Ardrossan	30·03	61	60	SW	2	o	2
Malin Head ...	30·04	59	58	W	2	o	0
Belmullet	30·10	62	57	WSW	2	b	*
Holyhead	30·09	63	60	SSW	3	cmd	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·18	62	58	WSW	4	bcm	4
Scilly	30·17	59	57	W	5	cp	3
Jersey	30·24	66	66	WSW	3	c	3
Hurst Castle ...	30·18	66	62	SW	4	b	3
Dungeness ...	30·13	67	63	W	4	b	3
North Foreland	30·11	77	69	N	1	bc	2
London (Westminster)	30·11	78	71	WSW	4	c	*
Yarmouth ...	30·09	67	63	SE	3	b	2
Rochefort ...	30·27	82	68	NW	4	c	*

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

Weather in morning fine in the north of Scotland, and also in the southeast of England; cloudy in other parts of the United Kingdom, with mist or fog at several of our western and southwestern stations, and also on our northeast coasts. Fine and bright over the Continent generally, but dull in the northern parts of Russia and Scandinavia, as well as in the west of France and the north of Spain, with rain at Coruuna. Thunderstorms occurring during day in many parts of Great Britain, with heavy rain at the northern stations,— as much as 1·7 ins. at Stornoway.

Temperature risen in the central and southeastern parts of England, as well as in Spain, Germany, Austria and the south of Russia; fallen in most other localities. Morning readings highest 79° at Barcelona, Tunis and Spa, and 77° at Toulon and Palermo; above 70° over southern Europe generally, as well as in Germany and the southeast of England. Lowest (1) 48° at Archangel, 49° at Bodö, and 55° at Haparanda; (2) 55° at Leith, and 56 at Sumburgh Head and Shields. Daily maxima considerably lower than of late over the western and northern parts of the United Kingdom, but thermometer rising to between 80° and 83° in the southeast of England. Exceeding 85° in the south of France, and reaching 91° at Perpignan.

Wind light from the S.ward (SE. to SW) over the greater part of the United Kingdom and France, but W. over the Bay of Biscay and west of Ireland. Light to moderate from the N.ward or NW.ward over Scandinavia, Denmark, Russia, Austria and Italy — E.ly over western Germany, and also over Spain; variable in Algeria. Subsequently veering to the W.ward in the western and southern parts of our Islands generally; no important change occurring elsewhere.

Barometer highest 30·3 ins. and upwards in an anticyclone lying over the northwest of Spain, 30·2 ins. and upwards in an elongated area stretching across Norway, Denmark, Germany and northern Italy. Lowest 29·6 ins. and less in a large depression over Russia, 30·1 ins. and less in a shallow area lying over the northwestern parts of the United Kingdom. Latter system subsequently moving eastwards, and barometer falling rather decidedly in the northern parts 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.98	51	L	0	b	30.00	+ .01	58	52	+ 6	E	2	bc	*	b	*	63	46	—
	Hernösand ...	30.03	55	E	2	b	29.99	.00	57	53	— 3	SE	4	o	*	b	*	72	55	—
	Stockholm ...	29.98	57	NE	2	b	30.02	+ .13	64	56	— 4	E	2	b	*	b	*	72	48	—
	Wisby	29.95	58	E	2	b	29.98	+ .07	64	59	— 1	SE	4	b	*	b	*	75	57	—
	Bodö	30.02	52	N	2	b	29.96	— .19	52	48	+ 3	N	2	b	1	b	*	54	45	—
	Christiansund ...	29.90	62	NE	6	m	29.90	— .10	60	58	0	NE	3	m	2	m	*	66	55	—
	Skudesnaes ...	29.88	57	NW	4	o	29.93	— .03	58	55	+ 1	N	1	o	2	bc,o	*	63	54	?
	Færder (Christiania Fjord)	29.85	62	SSE	2	bc	29.93	+ .03	62	54	— 2	SSE	4	o	2	bc	*	64	54	—
	Skagen (The Scaw)	29.86	58	WNW	2	bc	29.92	+ .03	66	63	+ 7	SSE	2	m	0	bc	*	68	54	—
	Fanö	29.86	63	WSW	2	r	29.86	— .05	61	61	— 11	WSW	1	o	*	r	*	72	61	0.47
	Sumburgh Head	29.90	54	WNW	4	o	29.96	+ .09	56	54	— 2	WNW	1	c	2	o	*	58	51	0.05
	Stornoway ...	30.01	62	L	0	b	29.91	— .08	56	55	— 1	SW	4	o	4	o,b	5.3	62	49	0.05
	Wick	30.03	59	NW	1	bc	30.01	+ .03	59	56	+ 2	S	1	b	0	bc	*	63	48	—
	Nairn	30.01	60	NW	1	c	29.97	— .01	59	56	+ 2	L	0	c	0	c	*	64	45	—
	Aberdeen ...	30.02	60	ENE	1	c	30.02	+ .05	62	54	+ 5	SE	1	b	1	c	0.6	64	47	—
British Islands	Leith	30.03	65	W	3	b	30.04	+ .03	64	58	+ 2	W	1	c	*	b	*	69	47	—
	Shields	30.05	63	W	3	c	30.09	+ .09	59	54	+ 1	WSW	2	b	2	c	*	68	49	—
	Spurn Head ...	30.06	62	WNW	4	c	30.12	+ .10	59	56	— 1	WNW	1	b	2	cv	*	66	53	—
	York	30.09	62	W	4	b	30.13	+ .07	61	57	0	W	1	b	*	b	*	67	49	—
	Loughborough ...	30.14	62	WNW	3	c	30.17	+ .05	62	56	+ 2	WSW	2	b	*	c,mw	*	70	49	—
	Ardrossan ...	30.08	62	W	3	b	30.05	— .02	57	55	0	S	3	o	3	bc,b	*	63	53	0.01
	Malin Head ...	30.07	60	W	3	o	29.99	— .12	55	55	— 1	WSW	3	oa	2	b,o	*	61	55	—
	Belmullet ...	30.08	59	SW	3	r	30.00	— .17	57	56	— 2	W	2	o	*	bc,r	*	62	54	0.03
	Donaghadee ...	30.14	58	SE	4	bc	30.08	— .05	58	56	0	S	5	o	3	bc	*	64	55	0.01
	Liverpool (Bidston)	30.17	59	WNW	3	bc	30.14	— .01	63	56	+ 5	WSW	2	b	2	bc	*	63	53	—
	Holyhead ...	30.18	59	SW	3	b	30.15	— .03	60	57	0	SW	3	cm	2	b	*	69	54	—
	Parsonstown ...	30.12	65	NW	2	o	30.08	— .14	58	57	0	L	0	r	*	bc,o	10.0	67	55	0.14
	Valencia ...	30.19	58	S	3	rgmw	30.06	— .21	58	58	— 1	S	4	rmg	4	cm,rmg	6.2	64	52	0.39
	Roche's Point ..	30.22	60	WSW	4	bc	30.13	— .13	59	58	0	SW	3	r	3	bc	*	65	58	0.02
	Pembroke (St. Ann's Hd.)	30.21	59	WNW	4	b	? 30.19	— .03	58	56	+ 3	WSW	4	bc	3	b	9.1	60	54	—
	Scilly	30.27	61	W	2	bc	30.21	— .06	62	59	+ 3	SSW	2	bc	4	bc	9.1	63	54	—
	Prawle Point ...	30.23	61	NW	3	b	30.23	+ .01	59	57	— 2	W	3	b	1	b	*	66	51	—
	Jersey (St. Aubin's)	30.25	61	WNW	4	b	30.24	— .01	61	56	+ 1	NW	3	b	3	c,b	*	63	51	—
	Hurst Castle ...	? 30.17	68	NW	1	c	? 30.22	+ .07	64	58	+ 3	L	0	bm	0	o,c	*	68	51	—
	Dungeness ...	30.09	62	W	2	c	30.18	+ .09	63	56	+ 4	N	2	b	1	fl,c	*	66	51	—
	North Foreland	30.09	66	NNW	2	c	30.17	+ .08	61	57	— 4	NW	2	b	2	bc,c	*	71	55	—
	London (Brixton) ...	30.13	66	NW	2	c	30.19	+ .06	61	55	0	W	1	b	*	c,b	1.5	72	49	—
	Oxford	30.16	60	NNW	2	bc	30.20	+ .06	59	54	— 2	W	1	b	*	c,bc	*	67	48	—
	Cambridge ...	30.12	66	WNW	1	o	30.16	+ .07	62	56	+ 1	WNW	1	b	*	o	4.7	71	49	—
	Yarmouth ...	30.07	67	NW	2	c	30.13	+ .09	60	56	— 3	NW	2	b	2	c	*	69	52	—
Germany & Holland	Cuxhaven ...	29.99	62	WNW	3	bc	29.92	.00	61	60	— 10	WSW	3	o	*	bc	*	71	59	0.12
	Berlin	29.95	69	W	3	o	30.00	— .01	64	59	— 11	WNW	4	c	*	o	*	86	61	0.08
	Wiesbaden ...	*	*	*	*	*	30.13	+ .03	64	59	— 8	NW	3	o	*	*	*	79	61	—
	Munich... ..	30.14	64	SW	3	c	30.16	— .02	62	60	— 8	NW	4	o	*	c	*	79	59	0.95
	The Helder ...	30.08	60	WNW	5	c	30.10	+ .06	59	56	— 3	NW	5	c	3	c	*	64	59	—
France & Belgium	Brussels (9 a.m.) ...	*	*	*	*	*	30.15		61	56		WSW	1	c	*	o	*	71	57	—
	Cape Gris Nez...	30.09	58	WSW	4	r	30.14	+ .03	57	?	+ 1	NE	1	m	1	r	*	66	55	0.04
	Paris	30.17	66	WNW	2	c	30.20	— .02	61	58	0	SW	1	b	*	c	*	75	51	—
	Brest	?	61	NNW	2	bc	?	?	57	55	0	L	0	b	2	bc	*	68	50	—
	Lorient... ...	30.25	67	NW	4	bc	30.25	— .06	53	52	— 6	NNE	1	b	2	bc	*	67	48	—
	Rochefort ...	30.20	64	NW	5	bc	30.20	— .08	58	56	— 2	E	3	b	*	b,bc	*	70	54	—
	Belfort														*		*			
	Lyons ...	30.09	77	N	1	bc	30.16	— .04	64	56	— 8	NW	2	b	*	bc	*	80	59	—
	Nice	30.00	73	SE	1	c	29.99	— .09	70	66	— 3	E	3	c	0	c	*	84	63	—
	Perpignan ...	30.11	81	NW	3	c	30.12	— .09	75	64	— 1	NW	2	b	*	bc	*	87	67	—
	Biarritz ...	30.21	65	N	4	o	30.16	— .11	64	59	— 6	SE	2	o	2	o	*	70	61	—
Peninsula	Corunna ...														*		*			
	Lisbon	30.08	65	NNW	5	b	30.05	— .12	67	62	— 2	N	3	b	*	b	*	81	61	—
	Azores (P. Delgada)	30.35	66	NNE	2	b	30.30	— .09	68	65	+ 3	NE	2	bc	1	b	*	72	63	—

For Explanation of Columns, see bottom of last page. NOTE. In yesterdays Report the rainfall at Roche's P. should have been 0·10 inch.

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR WEDNESDAY, 4th JULY, 1894.

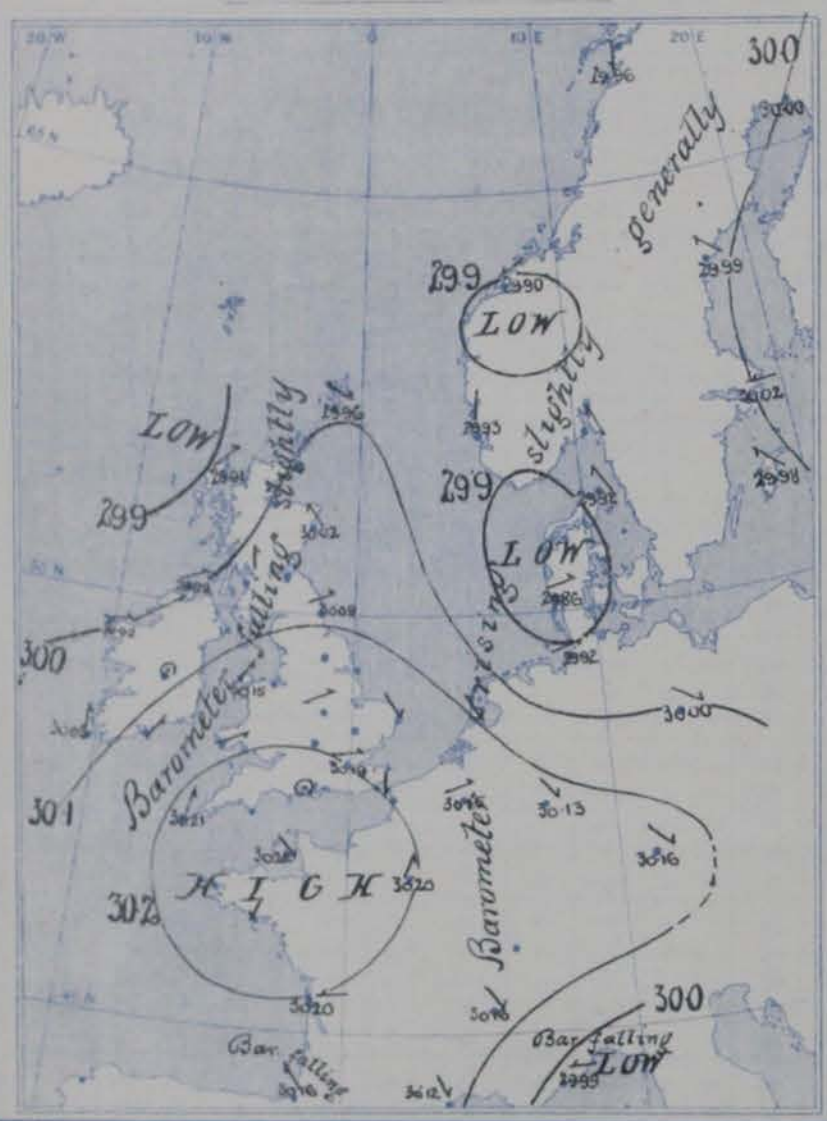
BAROMETER, WIND AND SEA.

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

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

Force above 10 ; Force 5 to 7 ; Force 8 to 10 ; Force 1 to 4 ; Calm ⊙

SEA—Rough : High



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90).				RAINFALL. (25 years 1866–90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·62	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·50	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·908	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valentia	29·933	58·9	56·4	64·0	53·6	3·90	152·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·9	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Isle of	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·937	62·9	57·8	72·4	54·9	2·38	175·3	36
Oxford	29·946	60·9	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·955	61·3	57·7	71·9	52·2	2·42	193·9	39
Yarmouth	29·959	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. and upwards in an anticyclone lying over the south of England, and the northern parts of France and the Bay of Biscay.
Lowest 29·9 ins. and less in three shallow depressions, – one lying off the northwest of Scotland, another near Christiansund, and a third off the west coasts of Denmark.
Gradients slight. Barometer falling a little in the W. and N. of our Islands and also in the south of France, but rising elsewhere.

TEMPERATURE

Highest (1) 75° at Perpignan, 70° at Nice, 67° at Lisbon, and 64° at Berlin, Wiesbaden, Lyons and Biarritz; (2) 66° at Skagen; (3) 64° at Leith.
Lowest 52° at Bodö, 53° at Lorient, 55° at Malin Hd., 56° at Sumburgh Hd. and Stornoway, and 57° at Belmullet & Brest.
The highest maxima registered over our Islands yesterday were 72° in London, and 71° at Cambridge and the North Foreland; at many of our western and extreme northern stations the thermometer did not reach 65°.

WIND

Light to moderate from the S. or SW. in the west and north of our Islands; W. or NW. over the greater part of England, and also over the Netherlands, Germany and the south of France.
Light from the E. in the west of France; E. or SE. in Sweden and the north of Denmark.

WEATHER

Fine and bright over the greater part of England and France, as well as in Sweden & the north of Norway.
Cloudy or overcast elsewhere, with rain in the south of Ireland.
In the course of the past 24 hours rain has fallen at several of our western and extreme northern stations, as well as in Denmark and Germany. A thunderstorm occurred at Dungeness yesterday afternoon.

SEA

Slight or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The anticyclone over the south of England seems likely to move southwards, and the cloudy unsettled weather in the west will probably spread over a considerable portion of the United Kingdom.

FORECASTS

For the 24 hours ending at NOON on 5th July 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. & winds, light; fair to unsettled and some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	W. & to SW. & winds, light; fine at first, doubtful later, probably showery.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S. & and SW. & winds, light; cloudy, some rain.
7	ENGLAND N.W.	
8	ENGLAND S.W.	SW. & to W. & winds, moderate; cloudy, showery.
9	IRELAND NORTH	SW. & to W. & winds, moderate; cloudy and rainy to fair.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·91	62	58	NNW	4	bc	2
Sumburgh Head	29·88	57	56	WNW	3	c	2
Stornoway	30·02	59	54	W	3	c	3
Aberdeen	30·00	69	57	NW	3	c	2
Shields	30·04	67	60	WSW	3	c	2
Ardrossan	30·10	59	56	W	4	bc	3
Malin Head ...	30·11	61	56	W	4	b	3
Belmullet	30·14	62	57	SSW	2	bc	*
Holyhead	30·19	63	59	WSW	3	b	2
Valencia	30·23	66	59	SW	4	cm	4
Scilly	30·28	69	58	WNW	3	bc	4
Jersey	30·27	62	58	WNW	4	c	3
Hurst Castle ...	30·18	62	62	WNW	2	o	2
Dungeness ...	30·10	64	61	W	3	cbr	2
North Foreland	30·10	70	63	NW	2	bc	2
London (Westminster)	30·13	69	62	WNW	2	c	*
Yarmouth ...	30·07	69	61	NW	3	c	2
Rochefort ...	30·26	67	60	WNW	4	b	*

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

Weather in morning fair or fine over the greater part of our Islands and the Continent, but dull over northern Russia, Denmark, North Germany and the south of Norway, with thunder at Fano and Cuxhaven. A solar halo reported at Jersey. Rain falling later in Ireland and the west and north of Scotland, as well as in Denmark and Germany; thunderstorm experienced at Dungeness in the afternoon.

Temperature fallen in nearly all but the southern countries. Morning readings highest 85° at Barcelona, 81° at Brindisi, 79° at Toulon, and 77° at Trieste and Lesina; above 70° over southern Europe generally, and also over North Germany. Lowest (1) 40° at Archangel, 49° at Bodö, and 52° at Haparanda and Ulleaborg: (2) 55° at Pembroke, and 56° at Malin Head. Daily maxima below 65° at several of our own western and northern stations, but thermometer rising to between 70° and 72° over the central and southeastern parts of England. Exceeding 80° in the south of France, and reaching 86° at Berlin.

Wind light to moderate from the W.ard or NW.ward over the greater part of the United Kingdom, but SW.½ in the west of Ireland. Variable in Norway, W.½ or NW.½ in Sweden and Denmark; SW.½ or W.½ in Germany. Variable, but chiefly N.½, over Russia, Italy and the south of France; NE.½ in Spain. Subsequently backing to the SW.ward at most of our western stations and to the S.ward at Valencia (Ireland). No important change occurring elsewhere.

Barometer highest 30·3 ins. and upwards in an anticyclone lying over the Bay of Biscay and the northwest of Spain; 30·1 ins. and upwards in the N. of Norway. Lowest 29·8 ins. and less in a large shallow area lying over Russia; 29·9 ins. and less in an irregularly shaped bank stretching across the Gulf of Finland, the south of Sweden and Denmark, as well as in a small depression near the Shetlands. Barometer falling later in the west of our Islands and next disturbances beginning to approach the Irish coast.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday 5th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·01	55	2	0	b	30·12	+ ·12	61	54	+ 3	E	2	b	*	b	*	63	46	—
	Hernösand ...	29·97	56	S	2	c	30·04	+ ·05	60	56	+ 3	2	0	b	*	c	*	64	45	—
	Stockholm ...	30·03	57	SW	2	b	30·04	+ ·02	64	57	0	SW	2	bc	*	b	*	70	45	—
	Wisby	30·10	55	SW	2	b	? 30·11	+ ·13	59	53	— 5	NNE	4	b	*	b	*	70	50	—
	Bodö	30·02	53	W	2	b	30·12	+ ·16	55	53	+ 3	NNE	1	bc	0	b	*	57	46	—
	Christiansund ...	30·02	61	SW	3	bc	30·14	+ ·24	60	59	0	WSW	2	o	2	bc	*	70	57	—
	Skudesnaes ...	30·05	59	NW	4	o	30·11	+ ·18	62	58	+ 4	NNW	2	c	2	o	*	62	54	?
	Færder (Christiania Fjord)	29·96	66	SW	4	b	30·07	+ ·14	66	64	+ 4	WSW	4	f	2	b	*	68	61	—
	Skagen (The Scaw)	29·97	65	SW	1	b	30·06	+ ·14	64	62	— 2	SW	1	c	0	b	*	77	55	—
	Fanö	30·00	61	NW	4	b	30·11	+ ·25	59	58	— 2	NW	4	c	*	b	*	70	57	—
British Islands.	Sumburgh Head	29·99	59	SW	1	c	29·97	+ ·01	60	58	+ 4	SSE	2	o	3	o,c	*	61	52	—
	Stornoway ...	29·94	60	SW	3	c	29·89	— ·02	54	54	— 2	2	0	r	2	c	2·6	64	50	0·08
	Wick	30·03	58	S	1	b	29·98	— ·03	63	60	+ 4	S	1	b	0	b,p	*	63	54	0·05
	Nairn	29·95	68	W	1	c	29·93	— ·04	65	61	+ 6	SW	1	c	0	c	*	69	58	0·14
	Aberdeen ...	30·01	66	SSW	2	bc	30·02	·00	63	58	+ 1	S	2	bc	1	bc	10·4	71	57	—
	Leith	30·03	66	W	1	o	30·04	·00	62	57	— 2	WSW	1	o	*	o	*	68	57	—
	Shields	30·08	68	SW	3	c	30·11	+ ·02	60	56	+ 1	SSW	3	c	2	o,c	*	70	54	—
	Spurn Head ...	30·10	62	SSE	1	c	30·14	+ ·02	65	60	+ 6	ESE	1	c	2	c,w	*	68	57	—
	York	30·11	69	NW	1	b	30·15	+ ·02	64	57	+ 3	S	2	b	*	b	*	72	53	—
	Loughborough ...	30·13	72	SSW	3	b	30·17	·00	65	58	+ 3	SSE	2	b	*	b,fw	*	76	49	—
	Ardrossan ...	30·02	59	S	2	op	30·01	— ·04	57	56	0	S	3	r	3	o,op	*	59	56	0·03
	Malin Head ...	29·99	52	NW	2	od	29·94	— ·05	56	55	+ 1	WSW	2	o	2	od,r	*	58	52	0·61
	Belmullet ...	29·98	54	WSW	2	r	29·95	— ·05	56	54	— 1	SE	1	o	*	o,r	*	63	52	0·41
	Donaghadee ...	30·05	64	SSW	6	c	30·02	— ·06	58	57	0	SSW	5	c	3	c	*	65	58	0·06
	Liverpool (Bidston)	30·13	67	SSW	2	bc	30·12	— ·02	64	57	+ 1	SSE	1	c	2	bc	*	69	55	—
	Holyhead ...	30·13	59	SSW	5	c	30·10	— ·05	61	58	+ 1	S	4	bcm	3	cmp,c	*	63	55	—
	Parsonstown ...	30·04	63	SW	2	o	29·99	— ·09	59	58	+ 1	SE	1	or	*	o	0·4	67	55	—
	Valencia ...	29·98	59	SSE	4	orm	29·93	— ·13	59	58	+ 1	SSE	4	rm	4	rmg	0·0	60	54	P42
	Roche's Point ..	30·10	61	SSW	4	c	30·02	— ·11	60	57	+ 1	SSW	5	bc	4	c,m	*	66	56	0·02
	Pembroke (St. Ann's Hd.)	30·16	61	SW	4	b	30·13	— ·06	58	55	0	SSW	4	bc	4	b	7·9	61	55	—
	Scilly	30·19	61	S	3	bc	30·09	— ·12	61	57	— 1	SSE	3	cm	3	bc	14·0	67	55	—
	Prawle Point ...	30·20	60	W	2	b	30·15	— ·08	60	57	+ 1	ESE	2	b	1	b	*	63	51	—
	Jersey (St. Aubin's)	30·22	64	NW	4	b	30·16	— ·08	66	60	+ 5	E	3	bw	3	b	*	67	55	—
	Hurst Castle ...	30·19	65	SW	2	b	30·18	— ·04	65	59	+ 1	SSE	1	b	1	b	*	67	52	—
	Dungeness ...	30·17	61	WSW	3	b	30·19	+ ·01	63	59	0	2	0	b	0	b	*	69	54	—
	North Foreland	30·17	65	S	3	b	30·20	+ ·03	64	60	+ 3	S	1	b	2	b	*	69	54	—
	London (Brixton) ...	30·15	73	SW	2	bc	30·19	·00	71	61	+ 10	SW	1	b	*	c,bc,b	9·6	75	51	—
	Oxford	30·16	66	W	1	b	30·18	— ·02	66	57	+ 7	SSE	2	b	*	b	*	73	50	—
	Cambridge ...	30·15	73	SSW	1	b	30·19	+ ·03	64	58	+ 2	SSW	1	b	*	b	11·0	76	49	—
	Yarmouth ...	30·16	65	ESE	3	b	30·18	+ ·05	65	61	+ 5	SE	1	b	2	b	*	67	56	—
Germany & Holland.	Cuxhaven ...	30·01	60	WNW	4	o	30·17	+ ·25	60	59	— 1	NW	4	o	*	o	*	62	59	—
	Berlin	30·02	65	WNW	2	bc	30·12	+ ·12	61	57	— 3	NW	3	c	*	bc	*	73	59	0·12
	Wiesbaden ...	*	*	*	*	*	30·23	+ ·10	?	?	?	NE	2	b	*	*	*	72	52	—
	Munich... ..	30·19	62	2	0	bc	30·25	+ ·09	62	58	0	NE	2	b	*	bc	*	68	52	0·04
	The Helder ...	30·21	60	NW	1	b	30·26	+ ·16	61	57	+ 2	W	1	b	1	b	*	63	57	—
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*									*		*			
	Cape Gris Nez...	30·16	60	WSW	1	b	30·17	+ ·03	62	56	+ 5	SSE	1	b	0	b	*	66	54	—
	Paris	30·17	69	NE	1	b	30·20	·00	61	57	0	NNE	2	b	*	bc	*	78	52	—
	Brest	?	62	NNW	3	b	?	?	59	59	— 2	SE	2	b	4	b	*	64	52	—
	Lorient... ...	30·17	64	W	4	b	30·11	— ·14	60	57	+ 7	E	4	b	3	b	*	68	52	—
France &	Rochefort	30·13	67	NW	4	b	30·08	— ·12	64	59	+ 6	E	3	b	*	b	*	73	57	—
	Belfort														*		*			
	Lyons	30·10	72	N	1	b	30·13	— ·03	65	58	+ 1	E	1	b	*	b	*	77	58	—
	Nice	29·99	69	2	0	c	30·07	+ ·08	71	67	+ 1	W	2	b	1	c	*	73	?63	—
	Perpignan ...	30·03	79	NNW	3	b	30·09	— ·03	73	65	— 2	E	2	b	*	b	*	?	61	—
	Biarritz ...	30·08	68	NNE	3	b	30·02	— ·14	65	62	+ 1	E	3	b	3	b	*	75	59	—
Peninsula.	Corunna ...														*		*			
	Lisbon	30·03	66	NNW	4	b	30·04	— ·01	69	63	+ 2	NNW	2	b	*	b	*	82	59	—
	Azores (P. Delgada)	30·26	67	2	0	b	30·22	— ·08	70	66	+ 2	WNW	1	b	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR THURSDAY, 5TH JULY, 1894.

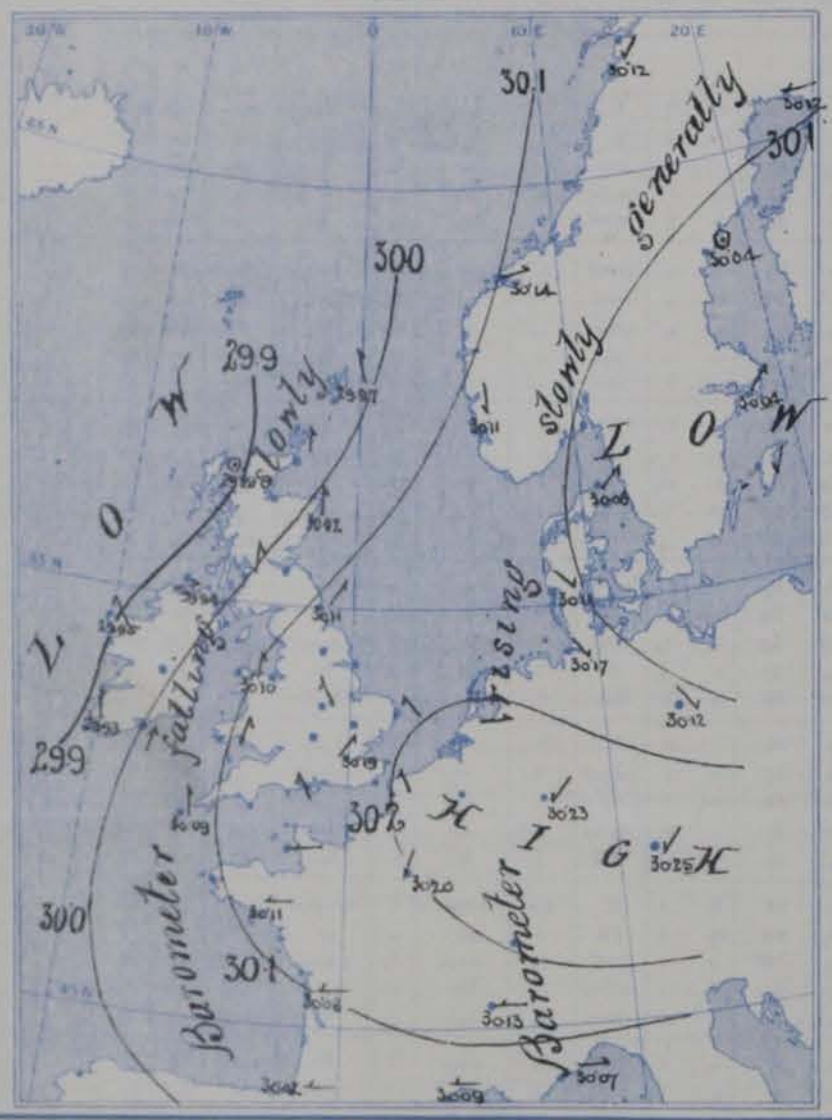
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▭ ; High ▬



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·3	2·96	147·1	29
Valentia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·887	59·6	57·3	64·5	53·7	2·34	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·908	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·38	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.2 ins. and upwards over Germany, the Netherlands and the northeast of France.
Lowest 29.9 ins. and less in the Hebrides.
Gradients slight. Barometer falling a little in most parts of our Islands, and also in the W. of France, but rising elsewhere.

TEMPERATURE

Highest (1) 73° at Perpignan, 71° at Nice, and 69° at Lisbon; (2) 71° in London, and 66° at Oxford; (3) 67° at Carlstad and 66° at Faerder.
Lowest (1) 54° at Stornoway, 56° at Malin Hd. and Belmullet, and 57° at Ardrossan, (2) 55° at Bodö.
The highest maxima registered over our Islands yesterday were 76° at Loughborough & Cambridge, and 75° in London.

WIND

Light to fresh from the S^W. in the west and north of our Islands.
Light from the SE^W. in the east and south of England, from the E^W. in France, and from the NE^W. at Munich and Wiesbaden.
Variable in Scandinavia, NW^W. in Denmark and North Germany.

WEATHER

Fine and bright over the greater part of western Europe, but dull and rainy at some of the Irish stations, and also in the west of Scotland.
Since yesterday morning 0.4 in. of rain has fallen at Belmullet, 0.6 in. at Malin Hd., and 1.4 in. at Valencia (Ireland).

SEA

Moderate on our southwest coasts, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any important change in the weather.

FORECASTS

For the 24 hours ending at NOON on 6TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S^W. winds, light; cloudy, rain locally.
1	SCOTLAND EAST	S^W. winds, light; fine, warm.
2	ENGLAND N.E.	
3	ENGLAND EAST	SE^W. and E^W. winds, light; fine, warm.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	Same as No. 2.
8	ENGLAND S.W.	Same as Nos. 3 to 5.
9	IRELAND NORTH	S^W. and SE^W. winds, moderate; cloudy, unsettled, some rain.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·01	60	57	W	2	o	2	Valencia	30·03	59	58	S	4	rmg	4
Sumburgh Head	29·99	54	54	SW	2	o	2	Scilly	30·20	67	60	S	4	bc	3
Stornoway	29·94	63	60	SW	o	o	2	Jersey	30·24	66	58	NNW	3	b	3
Aberdeen	30·01	70	60	S	3	bc	1	Hurst Castle ...	30·31	67	62	SSW	3	b	2
Shields	30·09	69	61	WSW	2	o	2	Dungeness ...	30·18	65	60	WSW	4	bc	3
Ardrossan	30·05	59	55	S	3	o	3	North Foreland	30·17	66	61	S	3	b	2
Malin Head ...	30·00	55	55	NW	2	o	2	London (Westminster)	30·18	70	59	SW	3	bc	*
Belmullet	30·02	59	53	SW	2	o	*	Yarmouth ...	30·16	67	60	NNE	3	b	3
Holyhead	30·15	61	58	SSW	5	cmp	3	Rochefort ...	30·18	71	63	NW	3	b	*

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

Weather fine and bright over Great Britain and the Continent generally; but dull in the west of Scotland and raining at many of the Irish stations. Dull over Northern Russia, as well as in Denmark, Germany, Poland and the south of Norway; raining at Cracow. Heavy rain falling during day in the west and north of Ireland (as much as 1·4 ins. at Valencia) and smaller quantities in the west and extreme north of Scotland.

Temperature changed rather irregularly but fallen in most countries. Morning readings highest 83° at Brindisi, 81° at Palma, and 77° at Trieste, above 70° over the greater part of southern Europe. Lowest (1) 39° at Archangel, 48° at Moscow, and 52° at Bodö and St. Petersburg; (2) 52° at Le Mans, and 53° at Lorient; (3) 55° at Malin Head, and 56° at Sumburgh Head and Stornoway. Rising during day to between 70° and 75° in many parts of Great Britain, and reaching 76° at Loughborough and Cambridge. Exceeding 75° over the central and southern parts of France, and reaching 82° at Lisbon.

Wind light to moderate from the S^rd. or SW^rd. in the west and north of our Islands, W. or NW. over the greater part of England, and also over the Netherlands, Denmark, Germany and Austria. Light from the E^rd. or NE^rd. over Spain and the west and south of France; variable in Italy and Algeria. Moderate from the E^rd. or SE^rd. over Sweden and the south of Norway, light from the N^rd. over northern Russia. Subsequently backing to the SW^rd. over England and shifting to the N^rd. in the west of France, no important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards over the south of England and the northern parts of France and the Bay of Biscay; 30·1 ins. and upwards in an anticyclone covering England, France and the north of Spain. Lowest 29·8 ins. and less in a large area over Russia; 29·9 ins. and less in several shallow depressions,—one lying off the northwest of Scotland, another over the west of Norway, near Christiansund, a third off the west coast of Denmark, and a fourth over N.E. Germany. Scotch and Danish depressions subsequently disappearing but new disturbances beginning to approach Ireland from the westward.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 6th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·17	58	W	2	c	30·25	+ ·13	66	59	+ 5	ENE	4	b	*	c	*	70	43	—
	Hernösand ...	30·19	59	Z	0	b	30·30	+ ·26	64	59	+ 4	E	2	b	*	b	*	73	48	—
	Stockholm ...	30·19	64	Z	0	b	30·28	+ ·24	69	61	+ 5	Z	0	b	*	b	*	81	52	—
	Wisby	30·17	63	SSW	4	bc	30·26	+ ·15	66	60	+ 7	SE	2	b	*	bc	*	72	52	0·04
	Bodö	30·21	58	N	1	b	30·27	+ ·15	66	56	+ 11	E	2	b	1	b	*	66	52	—
	Christiansund ...	30·18	62	NW	1	b	30·26	+ ·12	63	59	+ 3	NNW	1	m	1	b	*	64	55	—
	Skudesnaes ...	30·20	59	Z	0	c	30·25	+ ·14	63	59	+ 1	SSE	1	c	1	c	*	63	52	—
	Færder (Christiania Fjord)	30·19	62	SSW	4	0	30·30	+ ·23	61	59	— 5	SSE	4	0	2	0	*	68	61	—
	Skagen (The Scaw)	30·19	59	WSW	1	bc	30·27	+ ·21	62	59	— 2	SW	1	b	0	bc	*	77	55	—
	Fanö	30·25	59	WNW	1	b	30·29	+ ·18	59	58	0	WNW	2	b	*	b	*	66	52	—
British Islands.	Sumburgh Head	30·01	58	SSE	1	0	30·04	+ ·07	58	57	— 2	SE	2	c	3	0	*	64	59	—
	Stornoway ...	29·95	62	Z	0	0	29·90	+ ·01	57	55	+ 3	S	3	0	3	bc,0	2·0	64	52	0·10
	Wick	29·99	63	S	2	b	30·02	+ ·04	59	57	— 4	S	3	c	1	b	*	67	55	—
	Nairn	29·95	67	Z	0	c	29·92	— ·01	65	60	0	E	1	bc	0	c	*	70	53	—
	Aberdeen ...	30·05	61	S	2	c	30·03	+ ·01	61	58	— 2	SSE	2	bmw	1	cq,c	1·7	66	50	—
	Leith	30·03	68	Z	0	bc	29·98	— ·06	66	60	+ 4	Z	0	bc	*	bc	*	72	50	—
	Shields	30·04	66	E	2	bc	30·04	— ·07	62	58	+ 2	SSW	3	bc	2	c,bc	*	75	56	—
	Spurn Head ...	30·09	62	ESE	4	b	30·08	— ·06	62	59	— 3	ESE	3	b	3	b	*	73	58	—
	York	30·06	76	S	2	b	30·06	— ·09	64	60	0	SE	1	b	*	b	*	78	56	—
	Loughborough ...	30·08	77	SSE	3	b	30·03	— ·14	69	62	+ 4	SSE	3	bm	*	b	*	81	54	—
	Ardrossan ...	30·00	60	S	3	c	29·94	— ·07	63	60	+ 6	ESE	2	om	2	0,c	*	63	54	—
	Malin Head ...	29·89	59	SSE	2	og	29·85	— ·09	56	54	0	SSE	4	op	2	r,og	*	61	54	0·20
	Belmullet ...	29·82	58	SW	2	r	29·85	— ·10	59	57	+ 3	S	1	b	*	r	*	60	52	0·50
	Donaghadee ...	29·99	62	SSW	6	bc	29·96	— ·06	56	55	— 2	SSE	5	c	3	bc	*	65	55	—
	Liverpool (Bidston)	30·04	68	W	1	b	29·96	— ·16	67	59	+ 3	ESE	3	b	3	b	*	75	55	—
	Holyhead ...	30·05	62	S	2	b	29·96	— ·14	60	57	— 1	Z	0	ogm	0	cm,b	*	65	55	—
	Parsonstown ...	29·94	63	SE	2	c	29·88	— ·11	59	57	0	SE	1	0	*	c	5·4	68	51	—
	Valencia .../	29·86	59	SSE	4	rmg	29·87	— ·06	56	54	— 3	SE	1	0	3	rmg	0·0	59	46	1·43
	Roche's Point ..	29·97	61	SSW	5	c	29·89	— ·13	60	60	0	S	3	rm	3	b,c,rm	*	65	56	—
	Pembroke (St. Ann's Hd.)	? 30·07	63	SSE	3	bc	29·92	— ·21	60	57	+ 2	SSE	3	og	3	bc	13·0	65	56	—
	Scilly	30·02	61	SSE	3	0	29·92	— ·17	63	60	+ 2	SSW	3	owf	3	c,0	7·0	65	57	—
	Prawle Point ...	30·06	60	E	4	b	29·91	— ·24	67	63	+ 7	E	1	m	1	b	*	67	58	—
	Jersey (St. Aubin's)	30·06	73	ENE	3	bcm	29·95	— ·21	70	64	+ 4	SE	3	bm	3	b,bcm	*	76	63	—
	Hurst Castle ...	30·10	68	ESE	2	b	29·96	— ·22	72	66	+ 7	SSE	2	bm	1	b	*	72	62	—
	Dungeness ...	30·11	65	E	2	b	30·03	— ·16	66	61	+ 3	E	2	m	1	b	*	70	59	—
	North Foreland	30·15	63	E	2	b	30·05	— ·15	65	61	+ 1	ESE	1	b	2	b	*	67	60	—
	London (Brixton) ...	30·11	72	S	1	b	30·03	— ·16	74	64	+ 3	SE	1	b	*	b	12·4	79	57	—
	Oxford	30·08	69	SE	2	bc	30·00	— ·18	70	63	+ 4	SE	2	bc	*	bc	*	76	53	—
	Cambridge ...	30·12	73	ESE	1	b	30·05	— ·14	68	63	+ 4	E	1	b	*	b	11·0	80	55	—
	Yarmouth ...	30·15	65	SSE	2	b	30·09	— ·09	69	60	— 2	ESE	4	b	3	b	*	67	59	—
Germany & Holland.	Cuxhaven ...	30·22	66	NNW	2	c	? 30·34	+ ·17	66	65	+ 6	E	2	b	*	c	*	67	60	—
	Berlin	30·18	70	N	2	b	30·26	+ ·14	68	59	+ 7	N	2	b	*	c	*	73	61	—
	Wiesbaden ...	*	*	*	*	*	30·17	— ·06	68	61	?	NE	2	b	*	*	*	75	59	—
	Munich	30·21	65	NE	1	b	30·25	oo	62	59	0	NE	3	b	*	b	*	72	50	—
	The Helder ...	30·24	66	WSW	1	b	30·21	— ·05	66	61	+ 5	SE	2	b	2	b	*	68	61	—
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·11		71	62		ESE	1	b	*	b	*	76	57	—
	Cape Gris Nez ...	30·09	64	E	3	b	30·04	— ·13	66	66	+ 4	SE	2	m	1	b	*	68	54	—
	Paris	30·09	76	ENE	2	b	30·06	— ·14	70	63	+ 9	Z	0	b	*	b	*	80	57	—
	Brest	?	68	SSW	1	b	?	?	60	57	+ 1	Z	0	c	3	b	*	75	55	—
	Lorient	30·01	71	NNW	1	b	29·96	— ·15	64	61	+ 4	Z	0	bc	2	b	*	79	57	—
France &	Rochefort ...	29·99	74	NW	2	b	29·96	— ·12	69	63	+ 5	ESE	2	b	*	b	*	99	54	—
	Belfort														*		*			
	Lyons ...	30·03	81	E	1	b	30·09	— ·04	72	63	+ 7	E	1	b	*	b	*	86	60	—
	Nice	30·10	68	ESE	2	c	30·14	+ ·07	71	65	0	E	1	b	0	c	*	77	63	—
	Perpignan ...	30·04	77	E	3	b	30·10	+ ·01	72	70	— 1	NE	1	0	*	b	*	82	68	—
	Biarritz ...	29·90	90	NE	3	b	29·98	— ·04	68	66	+ 3	WSW	3	0	2	b	*	95	65	—
Penin-sula.	Corunna ...																*			
	Lisbon	30·01	77	NE	2	bc	30·06	+ ·02	75	62	+ 6	N	3	bc	*	bc	*	88	63	—
	Azores (P. Delgada)	30·23	69	Z	0	bc	30·25	+ ·03	69	67	— 1	NE	1	bc	1	bc	*	77	66	—

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

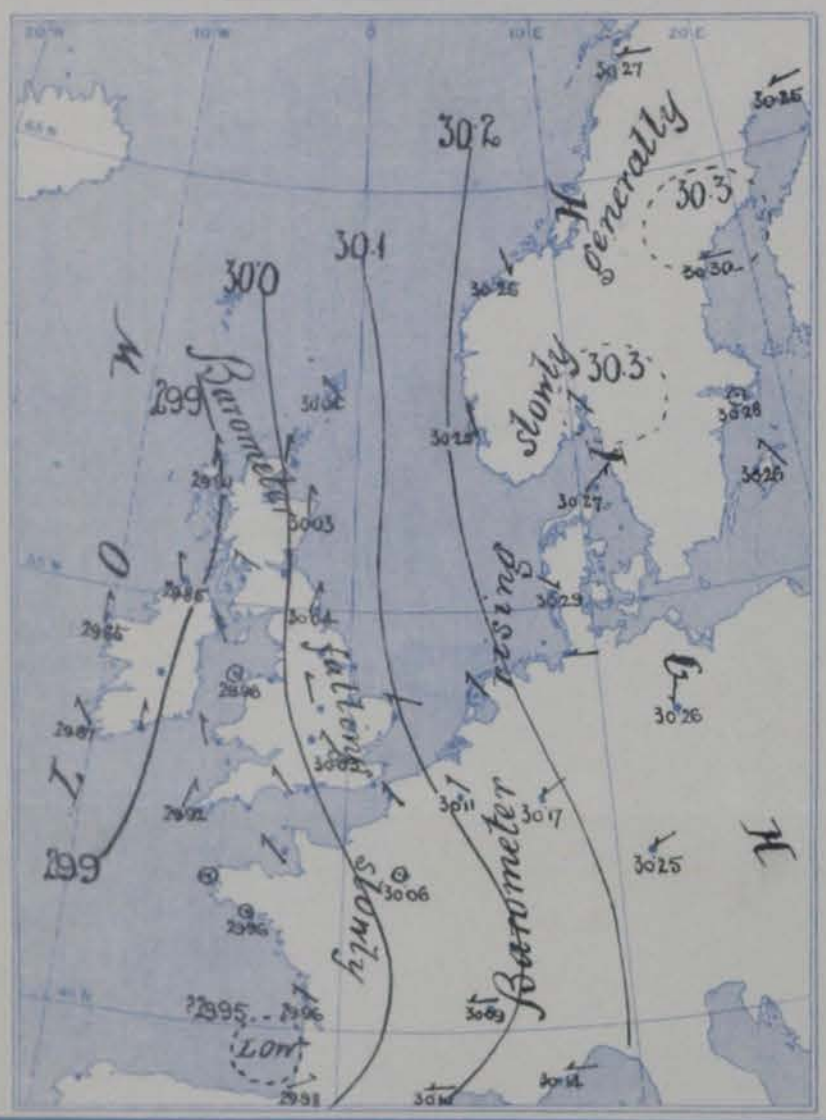
FOR FRIDAY, 6TH JULY, 1894.

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* ⟶ ; *Force 8 to 10* ⟶⟶ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA—Rough ▭ ; *High* ▭



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.
WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valentia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30·2 ins. to 30·3 ins. in an anticyclone covering Scandinavia, Denmark, Germany, the Baltic and the eastern parts of the North Sea.
Lowest 29·9 ins. and less over Ireland and the west of Scotland.
Gradients slight. Barometer falling in our Islands, the Netherlands and the N. of France, but rising elsewhere.

TEMPERATURE — Highest (1) 75° at Lisbon, 74° in London, and 72° at Hurst Castle, Lyons and Perpignan; (2) 69° at Stockholm, and 66° at Bodö, Haparanda and Whitby.
Lowest 56° at Malin Head, Donaghadee and Valencia (Ireland) 57° at Stornoway, 58° at Scarborough.
The highest maxima registered over our Islands yesterday were 81° at Loughborough, 80° at Cambridge, and 79° in London.

WIND — Light to moderate from the S.W. or S.E. over our Islands and the Netherlands, chiefly E. in France, but W. at Biarritz.
Light and variable in Scandinavia and Denmark, N. or N.E. in Germany.

WEATHER — Fine and bright over the greater part of western Europe, but dull in the west of our Islands, with rain at Roche's Pt., and with passing showers at Malin Head.
Rain fell yesterday in the Hebrides, and the west and north of Ireland, the amount being again very large (1·4 ins.) at Valencia.

SEA — Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The barometric fall is now greatest on our southern coasts, and a shallow depression which is lying off the southwest of France is apparently moving northwards. The disturbance is not unlikely to cause thunderstorms in many of the English districts.

FORECASTS

For the 24 hours ending at NOON on 7TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S. and SE. winds, light; fair generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SE. winds, light; fine at first, doubtful later, probably local thunderstorms.
6	SCOTLAND WEST	SE. winds, light, dull, rain locally
7	ENGLAND N.W.	Same as No. 5.
8	ENGLAND S.W.	S. to variable, breezy, dull, some rain, thunder locally.
9	IRELAND NORTH	SE. winds, light or moderate, dull, unsettled, some rain.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Shetlestaves ...	30·16	63	57	WNW	4	bc	2	Valencia	29·89	58	57	SSE	5	rsng	5
Sumburgh Head	30·00	60	58	SSE	2	o	3	Scilly	30·08	64	62	SSE	3	c	3
Stornoway	29·89	64	60	Z	0	bc	2	Jersey	30·09	74	64	ESE	3	b	3
Aberdeen	30·04	62	57	S	4	cq	3	Hurst Castle ...	30·14	71	62	SSE	2	b	1
Shields	30·08	72	65	SSW	3	c	2	Dungeness ...	30·15	70	61	E	1	b	0
Ardrossan	30·02	60	58	S	4	o	4	North Foreland	30·17	65	59	SE	2	b	2
Malin Head ...	29·94	54	54	SE	3	o	2	London (Westminster)	30·14	75	61	SE	3	bc	*
Belmullet	29·87	59	57	SE	1	r	*	Yarmouth ...	30·17	66	62	SSE	4	b	2
Holyhead	30·10	63	58	SW	4	c	3	Rochefort ...	30·09	92	74	E	2	b	*

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

Continental Information not arrived.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 Saturday 7th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·24	64	L	0	b	30·34	+ ·09	70	63	+ 4	NNE	2	b	*	b	*	77	52	—
	Hernösand ...	30·25	69	S	2	b	30·31	+ ·01	66	60	+ 2	NE	4	c	*	b	*	77	50	—
	Stockholm ...	30·33	63	S	2	b	30·31	+ ·03	70	59	+ 1	L	0	b	*	b	*	81	52	—
	Wisby	30·32	63	SSE	2	b	30·34	+ ·08	63	57	— 3	N	4	b	*	b	*	77	55	—
	Bodö	30·30	61	L	0	b	30·30	+ ·03	63	56	— 3	L	0	b	0	b	*	70	54	—
	Christiansund ...	30·26	67	NW	1	b	30·17	— ·09	70	62	+ 7	E	1	b	1	b	*	70	63	—
	Skudesnaes ...	30·20	62	SSE	1	c	30·13	— ·12	69	61	+ 6	ESE	4	b	2	bc, c	*	69	57	—
	Færder (Christiania Fjord)	30·29	67	WSW	2	b	30·27	— ·03	66	64	+ 5	NNE	3	b	1	b	*	68	61	—
	Skagen (The Scaw)	30·28	64	S	1	b	30·23	— ·04	69	66	+ 7	E	1	b	0	b	*	77	59	—
	Fanö	30·19	66	ESE	4	b	30·13	— ·16	67	63	+ 8	ESE	6	b	*	b	*	79	59	—
	Sumburgh Head	30·05	60	SE	2	bc	29·84	— ·20	60	59	+ 2	ESE	4	o	5	bc	*	63	55	—
	Stornoway ...	29·83	65	L	0	b	29·68	— ·22	56	55	— 1	L	0	o	2	b	1·0	66	52	0·20
	Wick	29·92	58	S	4	bc	29·71	— ·25	58	57	— 1	S	2	m	4	bc, r	*	64	54	0·25
	Nairn	29·78	67	SE	3	c	29·73	— ·19	62	58	— 3	L	0	b	1	c, f	*	74	55	0·06
	Aberdeen ...	29·93	59	SE	4	bq	29·77	— ·26	63	60	+ 2	S	2	bc	3	bq, p	9·6	65	55	0·27
	Leith	29·78	71	S	2	c	29·78	— ·20	62	59	— 4	WSW	2	b	*	c, fl	*	79	56	0·37
	Shields	29·85	59	ESE	5	bc	29·83	— ·21	63	59	+ 1	SSW	3	c	3	c, bc	*	69	55	—
	Spurn Head ...	29·92	62	ESE	2	c	29·90	— ·18	66	60	+ 4	SW	2	c	3	c, fl r	*	66	59	0·03
	York	29·88	72	ESE	3	c	29·85	— ·21	62	57	— 2	SW	2	bc	*	c	*	80	57	—
	Loughborough ...	29·85	78	S	3	c	29·95	— ·08	62	54	— 7	WSW	3	b	*	c	*	83	57	—
British Isles.	Ardrossan ...	29·76	60	L	0	r thm	29·79	— ·15	56	55	— 7	S	3	b	3	r thm	*	68	53	1·14
	Malin Head ...	29·71	56	S	5	op	29·74	— ·11	54	51	— 2	S	4	b	1	o, op	*	60	51	0·16
	Belmullet ...	29·79	56	SSW	2	bc	29·77	— ·08	55	51	— 4	W	1	c	*	bc	*	64	51	0·06
	Donaghadee ...	29·79	56	ESE	3	c	29·82	— ·14	59	55	+ 3	WSW	3	bc	1	c	*	62	55	0·12
	Liverpool (Bidston)	29·83	65	W	3	c	29·90	— ·06	60	53	— 7	WSW	2	b	2	c	*	79	56	0·09
	Holyhead ...	29·84	58	SW	3	c thm	29·89	— ·07	58	55	— 2	SW	5	bc	4	r, c thm	*	67	53	0·01
	Parsonstown ...	29·80	60	NW	1	o	29·86	— ·02	53	50	— 6	SW	1	o rh	*	o	0·0	62	46	0·19
	Valencia ...	29·86	58	SW	4	bc rn	29·90	+ ·03	53	50	— 3	WSW	4	cp	4	cp, bc rn	8·5	62	50	0·28
	Roche's Point ..	29·88	61	SW	4	c	29·91	+ ·02	56	52	— 4	W	4	b	3	c	*	65	51	—
	Pembroke (St. Ann's Hd.)	29·87	60	SW	3	o	29·94	+ ·02	57	54	— 3	WSW	4	b	3	o	1·5	60	54	0·07
	Scilly	29·92	59	WNW	4	bc	30·02	+ ·10	59	55	— 4	WSW	4	c	3	r, bc	4·5	64	55	0·08
	Prawle Point ...	29·91	60	W	3	m	30·05	+ ·14	58	56	— 9	WSW	4	c	3	m, f	*	69	54	—
	Jersey (St. Aubin's)	29·96	64	WNW	4	cqt	30·13	+ ·18	61	58	— 9	SW	3	bc	3	bc, ct, g	*	75	56	—
	Hurst Castle ...	29·96	66	SW	1	c	30·04	+ ·08	62	59	— 10	SW	4	b	2	c	*	75	59	—
	Dungeness ...	29·92	69	L	0	m	30·01	— ·02	63	61	— 3	W	4	c	3	m, fl r	*	72	58	0·40
	North Foreland	29·92	70	SE	1	o	30·01	— ·04	64	62	— 1	SW	2	b	2	b, o, fl r	*	70	58	0·20
	London (Brixton) ...	29·93	72	S	3	r	30·00	— ·03	64	57	— 10	W	2	b	*	bc, or fl, b	9·5	85	67	0·14
	Oxford	29·88	69	S	2	o	30·00	·00	61	55	— 9	SW	2	c	*	bc, o, fl	*	83	56	—
	Cambridge ...	29·92	77	ESE	1	o	29·96	— ·09	63	59	— 5	SSW	4	b	*	bc, o, fl r	10·4	85	55	0·09
	Yarmouth ...	29·95	65	ESE	4	r	29·91	— ·15	66	63	+ 3	WSW	3	b	2	b, fl r h q	*	66	60	0·24
Germany & Holland.	Cuxhaven ...	30·16	69	E	3	b	30·16	— ·18	68	66	+ 2	SE	3	m	*	b	*	73	66	—
	Berlin	30·22	75	ESE	1	b	30·21	— ·05	72	64	+ 4	SE	3	b	*	b	*	84	63	—
	Wiesbaden ...	*	*	*	*	*	30·08	— ·09	70	64	+ 2	NE	2	bc	*	*	*	87	64	—
	Munich	30·20	66	E	3	b	30·21	— ·04	64	60	+ 2	NE	2	b	*	b	*	75	50	—
	The Helder ...	30·06	74	ESE	1	b	30·01	— ·20	69	65	+ 3	W	5	b	3	b	*	71	66	—
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·06	— ·05	64	61	— 7	SW	3	o	*	b	*	86	62	0·04
	Cape Gris Nez ...	29·89	79	SSE	1	c	29·99	— ·05	58	58	— 8	W	4	o	4	c	*	86	?	0·24
	Paris	29·95	87	ESE	3	b	30·12	+ ·06	66	61	— 4	W	1	b	*	b	*	90	61	—
	Brest	?	62	SW	3	o	?	?	58	57	— 2	W	3	bc	3	o	*	72	55	—
	Lorient	30·02	66	WNW	4	bc	30·15	— ·19	61	57	— 3	ENE	3	c	3	bc	*	70	55	—
France &	Rochefort ...	30·02	67	WNW	4	o	30·13	+ ·17	66	64	— 3	NW	1	o	*	c, o	*	86	63	—
	Belfort														*		*			
	Lyons ...	29·99	86	S	3	b	30·11	+ ·02	75	65	+ 3	SE	1	bc	*	b, f	*	91	66	—
	Nice	30·08	71	SW	3	b	30·14	·00	72	64	+ 1	L	0	b	0	b	*	87	64	—
	Perpignan ...	30·08	73	NE	2	o	30·15	+ ·05	75	68	+ 3	NW	2	bc	*	o	*	82	66	—
	Biarritz ...	30·08	68	W	3	o	30·14	+ ·16	66	63	— 2	ESE	3	o	2	o	*	75	63	—
Peninsula.	Corunna ...																*			
	Lisbon	30·08	75	N	2	b	30·15	+ ·09	74	61	— 1	NNE	4	b	*	b	*	93	64	—
	Azores (P. Delgada)	30·30	69	NNE	1	o	30·34	+ ·09	68	66	— 1	NNE	3	c	2	o	*	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR SATURDAY, 7th JULY, 1894.

BAROMETER, WIND AND SEA.

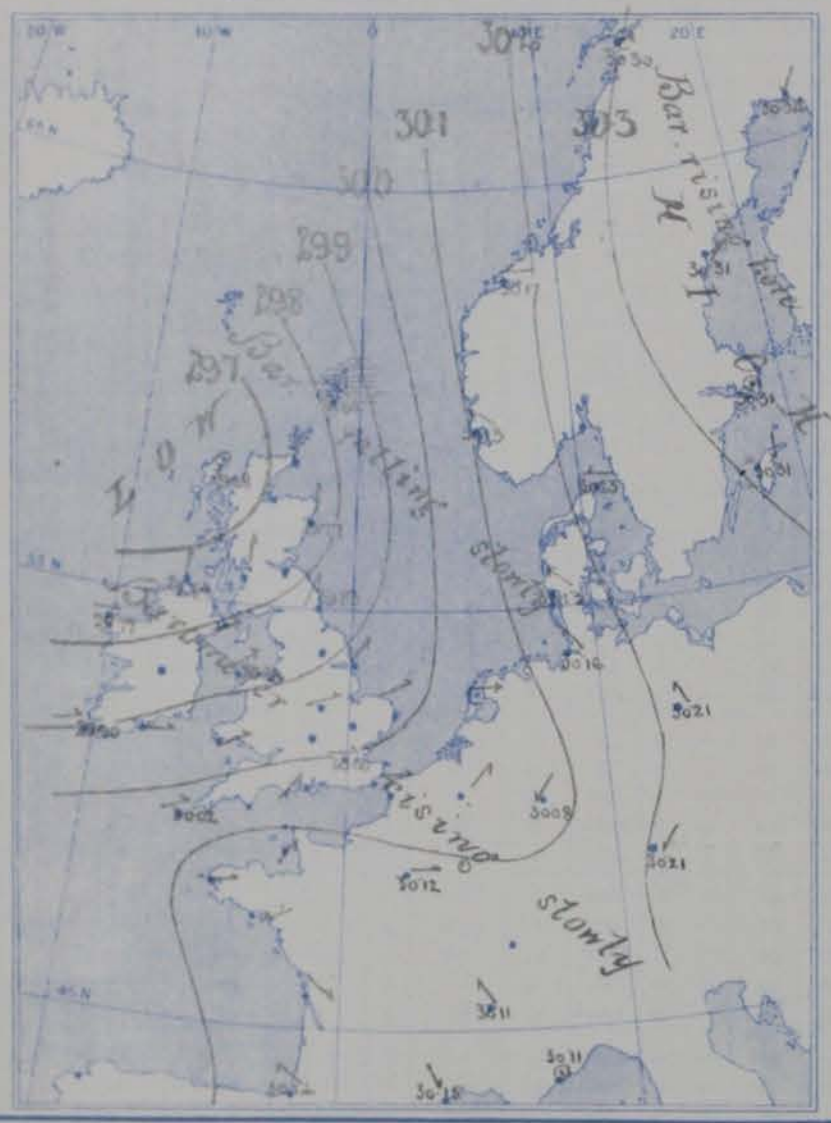
BAROMETER—Isobars are drawn for each tenth of an inch.

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 ▬

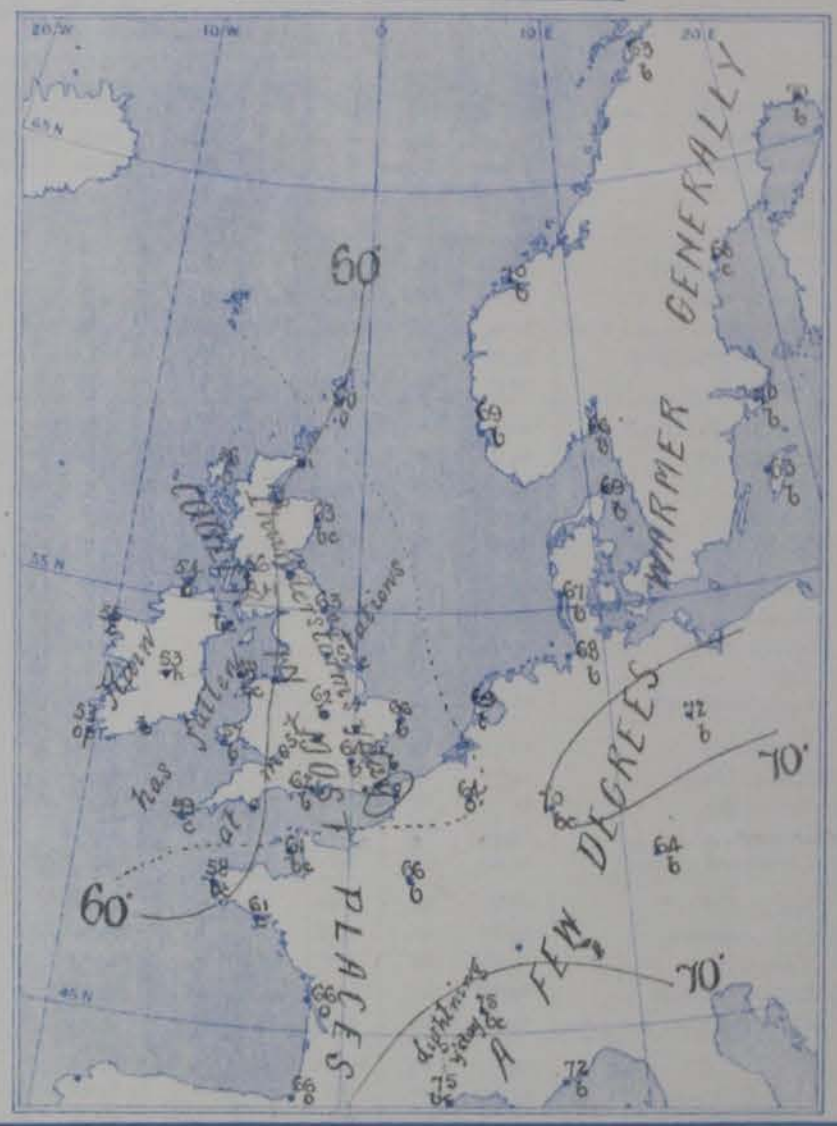


TEMPERATURE & WEATHER.

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.



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·847	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·869	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·9	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valentia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	29·981	62·0	58·9	68·3	56·2	2·49	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·952	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·38	189·2	38
Cambridge	29·962	61·3	57·1	71·9	52·2	2·42	195·0	39
Yarmouth	29·979	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.3 ins. and upwards in Sweden; 30.1 ins. and upwards over France.
Lowest 29.7 ins. and less in a depression lying off the northwest of Scotland.
Gradients slight generally. Barometer falling a little on our northeast coasts, and also on the eastern shores of the North Sea, but rising elsewhere.

TEMPERATURE — Highest 75° at Lyons and Perpignan, 72° at Berlin and Nice, 70° at Haparanda and Stockholm, and 69° at Skudesnaes and Skagen.
Lowest 53° at Parsonstown and Valencia (Ireland), 54° at Malin Hd., 55° at Belmullet, & 57° at Stornoway, Aldergrove & Blacksod Pt.
During yesterday the thermometer rose to 83° at Loughborough & Aspord, & 85° in London and at Cambridge.

WIND — Light to moderate from the W.wd. or SW.wd. over Ireland, England and the Netherlands; S.¾ in Scotland, SE.¾ on the eastern shores of the North Sea.
Light from the E.wd. in the West of France, but variable in the south of that country; N.¾ or NE.¾ in Sweden.

WEATHER — Fine over the greater part of western Europe, but showery at some of the Irish stations, and dull over the Netherlands and the southwest of France, with thunder at the Helder.
Since yesterday morning thunderstorms have occurred over nearly the whole of St. Britain, the accompanying rainfall was slight as a rule, but 1.1 ins. was measured at Ardrossan, and 0.7 in. at Sittingbourne. A solar halo was seen yesterday at Oxford.

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

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no decided indications of the approach of any new disturbance, but the shift of wind to the E.wd. in the west of France with dull weather, seems to show that further depressions may possibly appear shortly over the Bay of Biscay.

FORECASTS

For the 24 hours ending at NOON on 8TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE.¾ and S.¾ winds, moderate, dull, rain locally.
1	SCOTLAND EAST	SW.¾ and S.¾ winds, light, fair generally, but local thunder showers.
2	ENGLAND N.E.	
3	ENGLAND EAST	SW.¾ to S.¾ or SE.¾ winds, fine at first, doubtful later, possibly thunder showers.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	S.¾ and SW.¾ winds, light, changeable some showers.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as Nos. 3 to 5
9	IRELAND NORTH	W.¾ to SW.¾ or S.¾ winds, moderate, changeable, some showers.
10	IRELAND SOUTH	
	WARNINGS	None Issued.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·26	69	57	SW	4	c	2	Valencia	29·86	60	56	SW	3	cp	3
Sumburgh Head	30·06	61	59	SE	2	bc	3	Scilly	29·89	60	59	SSE	3	r	3
Stornoway	29·88	65	62	E	0	b	2	Jersey	29·94	74	66	WNW	2	c	2
Aberdeen	30·00	61	58	SSE	5	bq	4	Hurst Castle ...							
Shields	29·97	65	60	SE	5	c	3	Dungeness ...	29·97	72	65	E	3	b	2
Ardrossan	29·86	61	60	W	2	r	1	North Foreland	29·98	69	66	ESE	3	b	4
Malin Head ...	29·89	60	55	SSE	2	o	0	London (Westminster)	29·94	83	66	SSE	3	c	*
Belmullet	29·81	62	57	SW	1	b	*	Yarmouth ...	30·02	65	65	ESE	4	b	3
Holyhead	29·86	63	59	W	1	pm	0	Rochefort ...	29·99	78	71	SW	4	c	*

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

Weather in morning fine and bright over all the more eastern parts of the United Kingdom, but dull in the west, with showers at some of the Irish stations. Fine over the greater part of the Continent, but dull in the extreme south of France, as well as over central Russia. Thunderstorms occurring later in nearly all parts of Great Britain; accompanying rainfall mostly slight, but heavy (1·1 ins.) at Ardrossan. Solar halo seen at Oxford in afternoon.

Temperature risen in most places. Morning readings highest 86° at Brindisi, 84° at Palma, 83° at Athens, and 82° at Barcelona; above 75° in many parts of southern Europe, and above 70° over the Netherlands and the southeast of England. Lowest (1) 42° at Archangel, 51° at Moscow, and 56° at St. Petersburg and Kharkov, (2) 56° at Malin Head, Donaghadee and Valencia (Ireland). Rising during day to 80° or more over the inland parts of England, and reaching 85° in London and at Cambridge. Exceeding 85° in several parts of France and the Netherlands, the highest reading of all being 90° at Paris.

Wind light to moderate from the S.ward or SE.ward over our Islands and the Netherlands, light and somewhat variable in France, but chiefly E.ly. Very variable in most of the Continental countries, but N.ly over the northern and eastern parts of Germany, and NE.ly in Spain. Subsequently veering to the SW.ward in the west and south of our Islands, and shifting to the W.ward in the west of France, no important change occurring in other parts of western Europe.

Barometer highest 30·2 ins. to 30·3 ins. in an anticyclone covering Scandinavia, Denmark, Germany, Finland and the Baltic. Lowest 29·9 ins. and less over Ireland and the west of Scotland, and also (apparently) in a small depression lying off the southwest of France; 30·0 ins. and less in a large shallow area over Turkey, the Black Sea and the south of Russia. Low pressure system over Ireland subsequently moving northwards; shallow secondary disturbances advancing over England from the southward in afternoon and 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 8th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·28	66	Z	0	b	30·24	−·10	71	65	+ 1	WSW	2	b	*	b	*	77	61	—
	Hernösand ...	30·24	63	Z	0	bc	30·21	−·10	67	59	+ 1	Z	0	b	*	bc	*	79	54	—
	Stockholm ...	30·23	66	Z	0	b	30·18	−·13	71	59	+ 1	Z	0	b	*	b	*	79	55	—
	Wisby	30·24	63	NNW	2	b	30·20	−·14	64	56	+ 1	N	2	b	*	b	*	73	55	—
	Bodö	30·18	64	Z	0	b	30·12	−·18	76	63	+ 13	ESE	2	b	1	b	*	76	55	—
	Christiansund ...	30·12	71	Z	0	b	30·01	−·16	75	61	+ 5	ESE	6	b	2	b	*	75	64	—
	Skudesnaes ...	29·99	71	SE	4	c	29·87	−·26	61	59	− 8	SE	2	r	3	b,c	*	72	57	?
	Færder (Christiania Fjord)	30·14	72	ENE	2	b	30·13	−·14	68	63	+ 2	SSE	4	b	2	b	*	75	66	—
	Skagen (The Scaw)	30·10	61	ESE	1	b	29·98	−·25	67	61	− 2	SE	4	b	1	b	*	81	63	—
	Fanö	29·95	69	SW	2	o	29·93	−·20	62	59	− 5	SW	5	c	*	o,r	*	64	61	0·04
British Islands.	Sumburgh Head	29·80	57	SE	3	m	29·78	−·06	59	57	− 1	SE	1	bc	3	o,m	*	61	51	0·08
	Stornoway ...	29·75	58	Z	0	o	29·72	+·04	54	53	− 2	SE	4	o	4	o	0·5	63	50	0·10
	Wick	29·82	60	S	2	b	?29·71	·00	60	58	+ 2	S	1	b	1	b,r	*	64	45	—
	Nairn	29·77	56	Z	0	tr	29·77	+·04	58	54	− 4	SW	1	b	1	tr	*	70	41	0·15
	Aberdeen ...	29·83	60	SSE	3	b	29·80	+·03	62	54	− 1	S	2	b	1	b	12·1	66	51	0·01
	Leith	29·81	65	WSW	1	b	29·82	+·06	58	53	− 4	WSW	2	c	*	b	*	69	48	—
	Shields	29·86	63	S	3	c	29·90	+·07	62	56	− 1	SW	2	c	2	c,r	*	70	49	0·05
	Spurn Head ...	29·92	63	SW	2	cv	29·96	+·06	60	54	− 6	WSW	3	bcv	3	cv	*	71	50	—
	York	29·91	57	S	1	bc	29·95	+·10	59	55	− 3	WSW	3	c	*	p,bc	*	70	47	—
	Loughborough ...	29·96	65	WSW	3	c	30·02	+·07	60	55	− 2	SW	4	cq	*	c	*	70	49	0·01
	Ardrossan ...	29·81	58	SW	4	bc	29·86	+·07	54	53	− 2	SW	3	r	3	bc	*	61	49	0·01
	Malin Head ...	29·76	57	Z	0	bp	29·83	+·09	56	52	+ 2	WSW	5	op	3	r,bc,bp	*	58	52	0·10
	Belmullet ...	29·87	56	W	3	bc	29·91	+·14	56	55	+ 1	SW	2	o	*	b,bc	*	61	50	0·03
	Donaghadee ...	29·82	57	SSW	4	bc	29·91	+·09	58	56	− 1	WSW	4	bc	2	bc	*	62	56	0·06
	Liverpool (Bidston)	29·91	58	SW	3	bc	29·97	+·07	58	54	− 2	W	3	bc	3	bc	*	65	51	0·08
	Holyhead ...	29·89	56	SW	6	c	29·99	+·10	59	55	+ 1	SSW	4	bc	3	b eq	*	61	52	—
	Parsonstown ...	?29·91	58	NW	2	c	29·98	+·12	56	54	+ 3	Z	0	o	*	c	6·7	60	49	0·60
	Valencia ...	30·00	58	WSW	5	c	29·99	+·09	58	54	+ 5	S	2	o	4	bcp,c	6·7	60	52	0·15
	Roche's Point ..	29·96	61	W	5	bc	30·02	+·11	59	54	+ 3	WSW	4	bc	3	thr,bc	*	63	52	—
	Pembroke (St. Ann's Hd.)	29·97	55	W	5	b	30·06	+·12	57	55	0	W	4	bc	3	p,b	11·0	57	55	?0·04
	Scilly	30·09	61	W	4	c	30·08	+·06	61	57	+ 2	S	2	c	3	c	7·0	64	57	0·02
	Prawle Point ...	30·06	57	WSW	4	c	30·16	+·11	58	56	0	W	2	b	1	p,c,b	*	60	53	0·17
	Jersey (St. Aubin's)	30·13	63	W	4	bc	30·18	+·05	61	57	0	WSW	4	bc	3	bc	*	65	53	—
	Hurst Castle ...	30·05	61	WSW	5	c	30·12	+·08	62	58	0	SSW	4	bc	3	c	*	65	57	—
	Dungeness ...	30·04	60	W	4	o	30·11	+·10	62	57	− 1	W	4	c	3	o	*	66	54	—
	North Foreland	30·04	64	WSW	5	c	30·11	+·10	62	59	− 2	W	3	b	2	cq	*	70	50	—
	London (Brixton) ...	30·02	60	WNW	3	op	30·09	+·09	66	59	+ 2	WSW	2	bc	*	bc,op,br	8·7	72	49	0·04
	Oxford	30·01	55	SSW	2	bc	30·06	+·06	59	54	− 2	SW	2	bc	*	bc	*	68	50	0·05
	Cambridge ...	29·98	60	SSW	3	o	30·06	+·10	60	55	− 3	SSW	4	b	*	o	8·0	73	46	—
	Yarmouth ...	29·96	69	SW	2	b	30·03	+·09	61	55	− 5	W	3	b	2	b	*	72	50	—
Germany & Holland.	Cuxhaven ...	29·95	64	SE	2	t	29·97	−·19	63	61	− 5	WSW	3	c	*	t	*	81	63	0·64
	Berlin	30·04	77	ESE	3	b	30·01	−·20	66	61	− 6	S	1	r	*	b	*	90	64	—
	Wiesbaden ...	*	*	*	*	*	30·13	+·05	64	57	− 6	NW	2	bc	*	*	*	86	61	—
	Munich... ..	30·13	64	SW	1	c	30·18	−·03	61	61	− 3	SW	4	o	*	c	*	81	59	0·16
	The Helder ...	30·03	64	WSW	4	bc	30·08	+·07	61	57	− 8	WSW	4	bc	?	bc	*	?	?	0·43
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·15	+·09	58	54	− 6	W	3	c	*	b	*	73	50	—
	Cape Gris Nez...	30·03	60	W	5	bc	30·09	+·10	58	58	0	W	4	bc	4	bc	*	63	46	—
	Paris	30·08	70	NW	2	bc	30·23	+·11	61	55	− 5	SW	2	bc	*	bc	*	78	54	—
	Brest	?	63	W	3	c	?	?	58	57	0	SSW	2	o	3	c	*	73	55	—
	Lorient... ...	30·19	64	WNW	5	c	30·20	+·05	61	60	0	W	4	c	3	c	*	70	57	0·16
France &	Rochefort ...	30·19	66	NW	4	bc	30·24	+·11	63	60	− 3	SE	1	b	*	bc	*	72	52	—
	Belfort														*		*			
	Lyons	30·10	71	N	1	o	30·22	+·11	63	57	− 12	W	3	o	*	tp	*	86	57	—
	Nice	30·09	74	WSW	3	b	30·04	−·10	72	66	0	E	1	b	0	b	*	82	63	—
	Perpignan ...	30·08	78	E	3	c	30·18	+·03	73	66	− 2	N	2	b	*	c	*	83	66	0·20
	Biarritz ...	30·19	71	NW	2	bc	30·23	+·09	64	58	− 2	NE	3	o	2	bc	*	77	61	—
Peninsula.	Corunna ...	*															*			
	Lisbon	30·17	69	N	5	b	30·22	+·07	68	59	− 6	N	4	b	*	b	*	90	63	—
	Azores (P. Delgada)	30·38	67	NE	2	o	30·35	+·01	67	65	− 1	NNE	3	f	2	o	*	73	66	0·04

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR SUNDAY, 8TH JULY, 1894.

BAROMETER, WIND AND SEA.

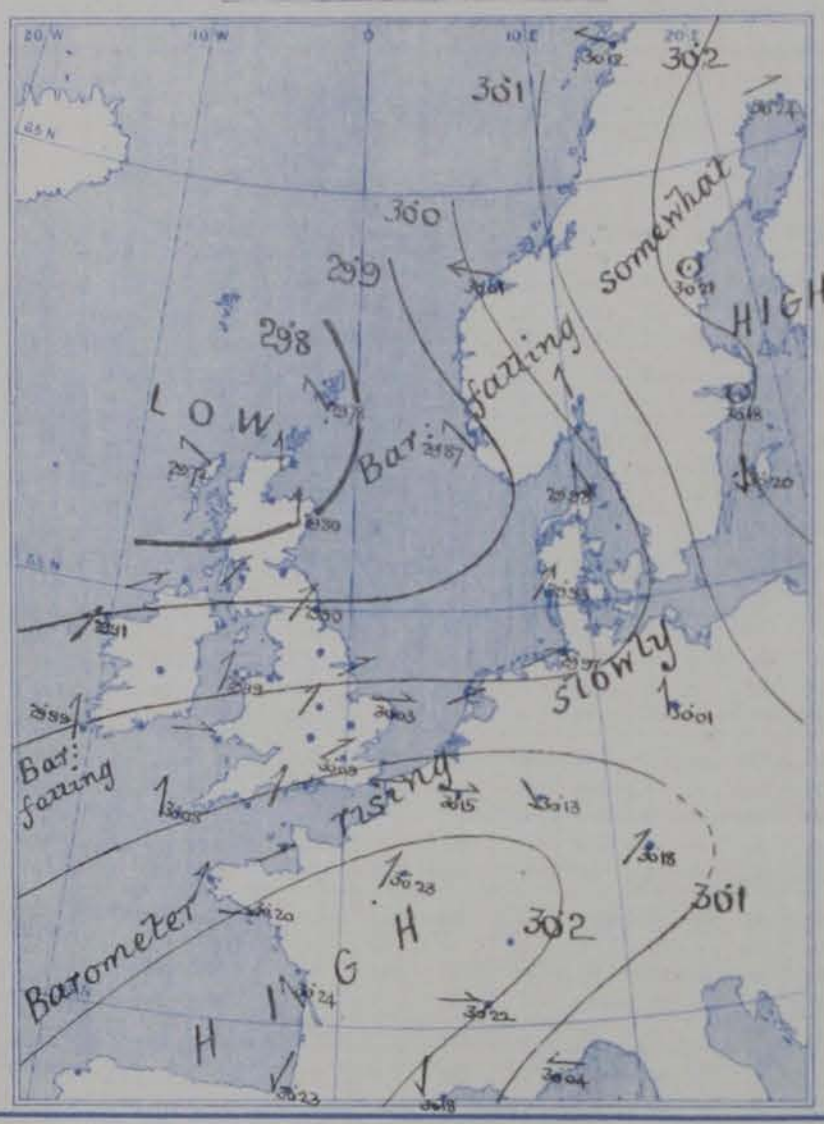
BAROMETER—Isobars are drawn for each tenth of an inch.

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 ▓

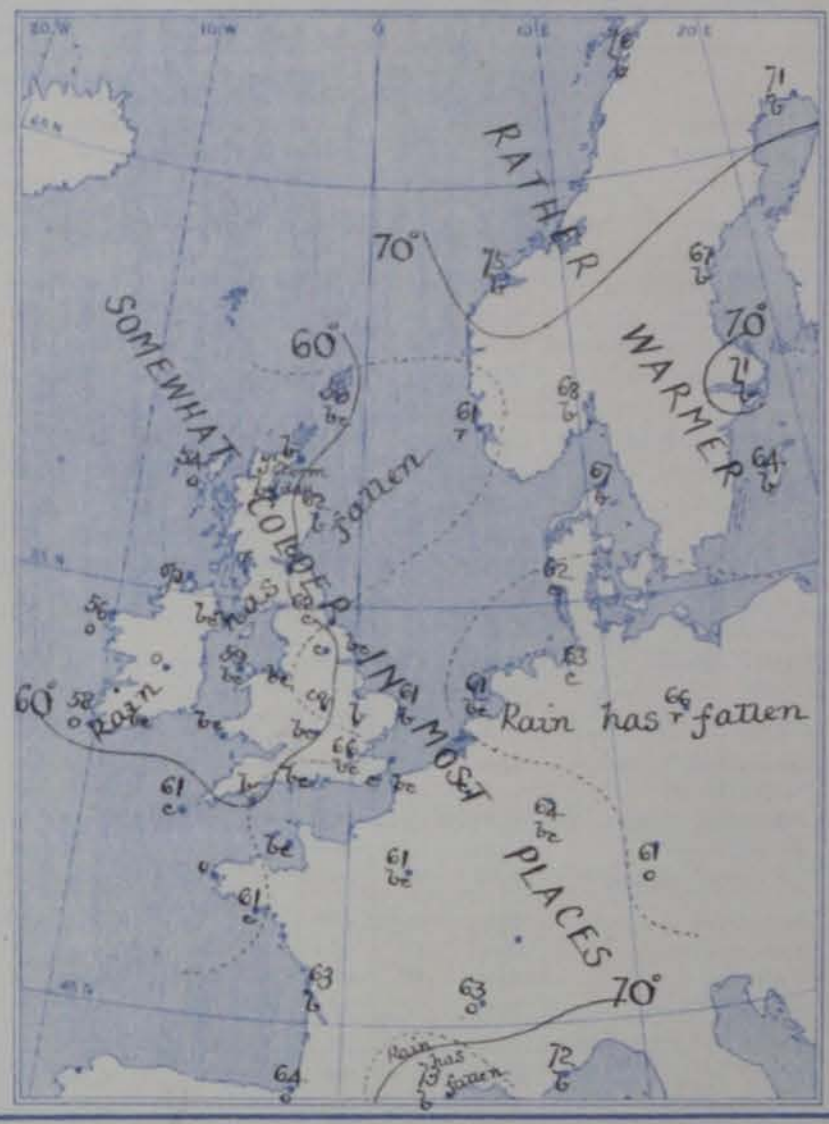


TEMPERATURE & WEATHER.

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.



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and upwards, in an anticyclone lying over France, the Bay of Biscay, and the western and northern parts of the Spanish Peninsula, and also in another system over the Gulf of Bothnia and the north of Sweden.
Lowest, 29·8 ins: and less, in a depression lying over and to the northward of Scotland.
Gradients slight. Barometer falling a little in the extreme north and southwest of our Islands and also in Scandinavia and Denmark but rising elsewhere.

TEMPERATURE

Highest, (1) 76° at Bodö 75° at Christiansund, and 71° at Haparanda and Stockholm; (2) 73° at Lisbon, 72° at Nice, and 68° at Lisbon
Lowest, 54° at Stornoway and Aberdeen, 56° at Malin Hd. Belmullet, and Parsonstown, and 57° at Pembroke.
The maxima registered yesterday were very little above 70° in any part of our Islands; on some parts of our western coast the thermometer did not exceed 60°.

WIND

Moderate from SW. or W. over the greater part of Ireland, England, and the Netherlands, but S. on our extreme southwest coasts.
Light from the SE. in the north of Scotland, and moderate to strong from the same quarter on the Eastern shores of the North Sea.
Calm in Sweden, variable in the southern part of France, but chiefly E. or NE.

WEATHER

Fair or fine over Western Europe generally, but showery in the north of Ireland and the west of Scotland, raining at Londonderry.
Showers fell yesterday in many parts of the United Kingdom and France; thunderstorms occurred in the north of Scotland and also at Lyons.

SEA

Slight or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 9th July 1894.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·08	72	63	NE	4	b	3	Valencia	29·96	59	55	WSW	5	bcp	5
Sumburgh Head	29·80	59	59	ESE	3	o	5	Scilly	30·06	60	56	W	5	cp	3
Stornoway	29·73	63	61	SW	4	o	4	Jersey	30·14	63	57	SW	5	c	3
Aberdeen	29·81	64	57	SSE	3	b	3	Hurst Castle ...	30·07	63	60	WSW	4	c	3
Shields	29·87	70	58	SSW	3	c	2	Dungeness ...	30·07	64	60	W	5	bc	4
Ardrossan	29·80	60	57	S	4	bc	3	North Foreland	30·02	68	64	WSW	5	bc	4
Malin Head ...	29·75	57	53	NW	1	bc	0	London (Westminster)	30·02	68	57	SW	2	bc	*
Belmullet	29·81	60	56	WSW	1	b	*	Yarmouth ...	29·96	71	66	WSW	2	b	2
Holyhead	29·91	60	55	SW	6	bcq	5	Rochefort ...	30·19	69	65	NW	3	o	*

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

Weather fine over the greater part of our Islands and the Continent, but cloudy and showery at some of the Irish stations. Dull over the Netherlands, with thunder at the Hilder; raining in the south of Russia. Showers falling during day in many parts of the United Kingdom; thunderstorms occurring in the north of Scotland and also at some of the Danish and French stations. Heavy rain falling at Hamburg.

Temperature fallen in most parts of our Islands, France and Spain, as well as in the south of Russia, but risen elsewhere. Morning reading highest 84° at Bendeni, 83° at Palma, 81° at Athens, and 80° at Patras and San Fernando; above 70° in most parts of southern Europe, and reaching that point at some of the Scandinavian stations. Lowest (1) 49° at Monaco, 50° at Archangel, and 52° at Kharkof; (2) 53° at Parsonstown and Valencia (Ireland), and 54° at Malin Head. Daily maxima very little above 70° in any part of the United Kingdom and below 60° at some of our north coast stations. Thermometer exceeding 85° in many parts of southern Europe, the highest readings of all being 99° at San Fernando and 96° at Madrid.

Wind light to moderate from the W^n. or SW^d. over Ireland, England, and the Netherlands; S^h. in Scotland; SE^h. on the eastern shore of the North Sea. Light from the N^n. over Sweden, Russia, and Austria; variable in Italy, and the south of France; light from the E^n. in Spain and the west of France. Subsequently shifting to the W^n. or NW^n. over the Bay of Biscay and the north of Spain; no important change occurring elsewhere.

Barometer highest 30·3 ins. and upwards over Sweden and Finland; 30·1 ins. and upwards in an anticyclone lying over the greater part of the Continent. Lowest 29·7 ins. and less, in a depression lying off the north-west of Scotland. Depression filling up slowly during day but secondary disturbance appearing over Denmark and North Germany. Shallow depression forming over Central Spain 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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for 8 a.m. on Monday 9th July, 1894.

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		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·10	65	L	0	b	29·99	−·25	71	62	0	W	4	b	*	b	*	77	59	—
	Hernösand ...	30·09	65	S	2	b	30·02	−·19	64	56	− 3	S	2	bc	*	b	*	77	52	—
	Stockholm ...	30·08	65	SSW	2	bc	30·01	−·17	73	61	+ 2	S	2	b	*	bc	*	79	57	—
	Wisby	30·10	64	NW	2	b	30·02	−·18	69	58	+ 5	SE	2	b	*	b	*	73	54	—
	Bodö	?	?	NE	1	b	29·89	−·23	73	63	− 3	NE	2	b	1	b	*	76	61	—
	Christiansund ...	29·81	81	ESE	2	b	29·89	−·12	63	58	− 12	WSW	3	c	2	b	*	82	63	—
	Skudesnaes ...	29·85	56	SSE	6	c	29·93	+·06	56	54	− 5	SSE	6	o	4	c	*	63	52	?
	Færder (Christiania Fjord)	30·00	62	SSW	6	o	30·00	−·13	61	58	− 7	WSW	2	bc	3	o	*	72	61	—
	Skagen (The Scaw)	30·04	62	WNW	4	b	29·99	+·01	59	54	− 8	WNW	1	b	2	b	*	72	54	—
	Fanö	30·04	58	WSW	5	c	29·99	+·06	59	55	− 3	S	4	c	*	c	*	68	55	
British Islands.	Sumburgh Head	29·74	58	WNW	1	bc	29·73	−·05	56	54	− 3	SSW	2	b	2	bc	*	62	51	0·36
	Stornoway ...	29·75	58	NW	4	o	29·71	−·01	53	52	− 1	L	o	o	3	o	8·7	58	50	0·12
	Wick	29·81	60	S	2	o	29·77	·00	57	55	− 3	S	2	o	1	o,b	*	64	55	0·20
	Nairn	29·78	62	W	1	c	29·73	−·04	54	53	− 4	L	o	r	1	c	*	63	50	0·19
	Aberdeen ...	29·82	59	WNW	1	o	29·77	−·03	56	54	− 6	SSE	2	cp	1	p.o	7·4	66	53	0·35
	Leith	29·85	63	WSW	2	o	29·74	−·10	61	56	+ 3	L	o	o	*	o	*	63	52	0·01
	Shields	29·89	63	W	2	c	29·81	−·09	57	54	− 5	NE	1	c	2	c	*	65	53	—
	Spurn Head ...	29·95	63	ESE	1	bc	29·80	−·16	57	54	− 3	SSE	2	o	2	bc,p,c	*	63	54	0·01
	York	29·96	62	W	1	c	29·79	−·16	58	55	− 1	ESE	1	b	*	c	*	65	54	0·03
	Loughborough ...	29·96	66	SW	2	bc	29·81	−·21	56	54	− 4	SW	2	c	*	bc	*	72	52	—
	Ardrossan ...	29·86	54	SW	1	op	29·73	−·13	58	57	+ 4	S	1	c	2	op	*	58	53	0·03
	Malin Head ...	29·82	53	E	1	o	29·73	−·10	55	54	− 1	N	1	omr	0	o	*	58	52	0·27
	Belmullet ...	29·87	58	S	1	o	29·80	−·11	56	53	0	NW	2	o	*	o	*	61	53	0·19
	Donaghadee ...	29·87	60	S	4	c	29·75	−·16	53	53	− 5	ESE	3	r	1	c	*	65	51	0·03
	Liverpool (Bidston)	29·94	61	L	0	bc	29·75	−·22	57	56	− 1	SE	1	r	1	bc	*	64	55	0·02
	Holyhead ...	29·94	60	SW	4	bc	29·74	−·25	57	56	− 2	SW	1	omw	1	bc	*	62	53	0·18
	Parsonstown ...	29·85	58	L	0	o	29·75	−·23	57	56	+ 1	L	o	or	*	o	0·9	64	54	0·13
	Valencia ...	29·85	58	SW	3	opm	29·88	−·11	57	52	− 1	NW	5	cq	5	omp	0·9	60	49	0·05
	Roche's Point ...	29·88	55	SSW	3	rm	29·80	−·22	58	55	− 1	WNW	4	c	3	p,rm	*	62	54	0·06
	Pembroke (St. Ann's Hd.)	29·94	58	SW	4	o	29·80	−·26	56	55	− 1	W	3	opgm	2	o	6·2	61	55	—
	Scilly	29·93	62	SSE	3	m	29·90	−·18	59	56	− 2	WNW	5	c	3	m	4·0	65	56	0·05
	Prawle Point ...	29·96	57	W	2	o	29·88	−·28	57	56	− 1	W	3	o	2	o,f,d	*	61	53	0·42
	Jersey (St. Aubin's)	30·07	64	SSW	3	gpm	29·95	−·23	60	57	− 1	WSW	4	cpq	3	c,gpm	*	67	58	0·14
	Hurst Castle ...	30·04	57	SSE	1	c	29·84	−·28	62	61	0	SSW	3	ow	3	r	*	65	55	0·48
	Dungeness ...	30·06	61	WSW	3	bc	29·83	−·28	60	60	− 2	SW	5	r	4	b,bc	*	64	54	0·25
	North Foreland	30·05	61	SW	2	c	29·82	−·29	65	63	+ 3	W	3	bc	2	b,c	*	68	53	0·29
	London (Brixton) ...	30·01	64	SSW	3	cp	29·83	−·26	61	54	− 5	SW	2	c	*	bc,or,b	8·6	72	54	0·20
	Oxford	29·97	56	S	2	o	29·81	−·25	59	57	0	SW	1	odp	*	c,odp	*	68	52	0·02
	Cambridge ...	30·00	66	SSW	1	c	29·82	−·24	59	57	− 1	SSW	1	o	*	c	8·0	72	52	0·02
	Yarmouth ...	30·01	67	SW	3	b	29·79	−·24	61	60	0	W	2	c	2	b	*	68	56	0·05
Germany & Holland.	Cuxhaven ...	30·10	61	WNW	3	b	30·01	+·04	60	58	− 3	SSE	2	c	0	b	*	65	59	—
	Berlin	30·08	64	WNW	1	c	30·07	+·06	65	58	− 1	S	1	bc	*	c	*	75	59	0·75
	Wiesbaden ...	*	*	*	*	*	30·05	−·08	61	55	− 3	N	1	bc	*	*	*	73	52	—
	Munich... ..	30·20	60	W	4	c	30·13	−·05	65	62	+ 4	SE	1	b	*	c	*	70	55	0·16
	The Helder ...	30·10	62	SW	1	b	29·93	−·15	59	57	− 2	S	1	r	1	b	*	66	54	—
France & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29·93	−·22	58	57	0	SSW	5	r	*	c	*	71	55	0·16
	Cape Gris Nez ..	30·03	61	W	4	bc	29·83	−·26	58	58	0	W	7	r	7	bc	*	63	54	0·35
	Paris	30·12	72	SW	3	b	30·03	−·20	59	56	− 2	SSW	2	o	*	b	*	?	50	0·04
	Brest	?	58	SSW	3	r	?	?	57	56	− 1	NW	3	o	3	r	*	64	55	0·51
	Lorient... ...	30·13	64	SSW	5	o	30·01	−·19	59	59	− 2	WNW	5	c	3	o	*	68	57	0·04
	Rochefort ...	30·17	68	NW	3	bc	30·07	−·17	65	62	+ 2	W	3	bc	*	bc	*	73	59	—
	Belfort														*		*			
	Lyons	30·13	74	NW	2	b	30·10	−·12	69	57	0	NW	1	b	*	b,l	*	78	58	—
	Nice	29·94	75	SW	2	b	29·97	−·07	74	68	+ 2	L	o	b	0	b	*	82	66	—
	Perpignan ...	30·08	81	W	3	bc	30·08	−·10	75	64	+ 2	W	2	b	*	bc	*	86	69	—
	Biarritz ...	30·15	69	N	3	b	30·09	−·14	65	61	+ 1	SW	2	b	1	b	*	77	61	
Peninsula.	Corunna ...																*			
	Lisbon	30·17	66	N	6	b	30·15	−·07	71	66	+ 3	N	4	b	*	b	*	81	64	—
	Azores (P. Delgada)	30·34	68	NE	3	c	30·31	−·04	69	66	0	NE	4	r	2	c	*	73	64	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR MONDAY, 9TH JULY, 1894.

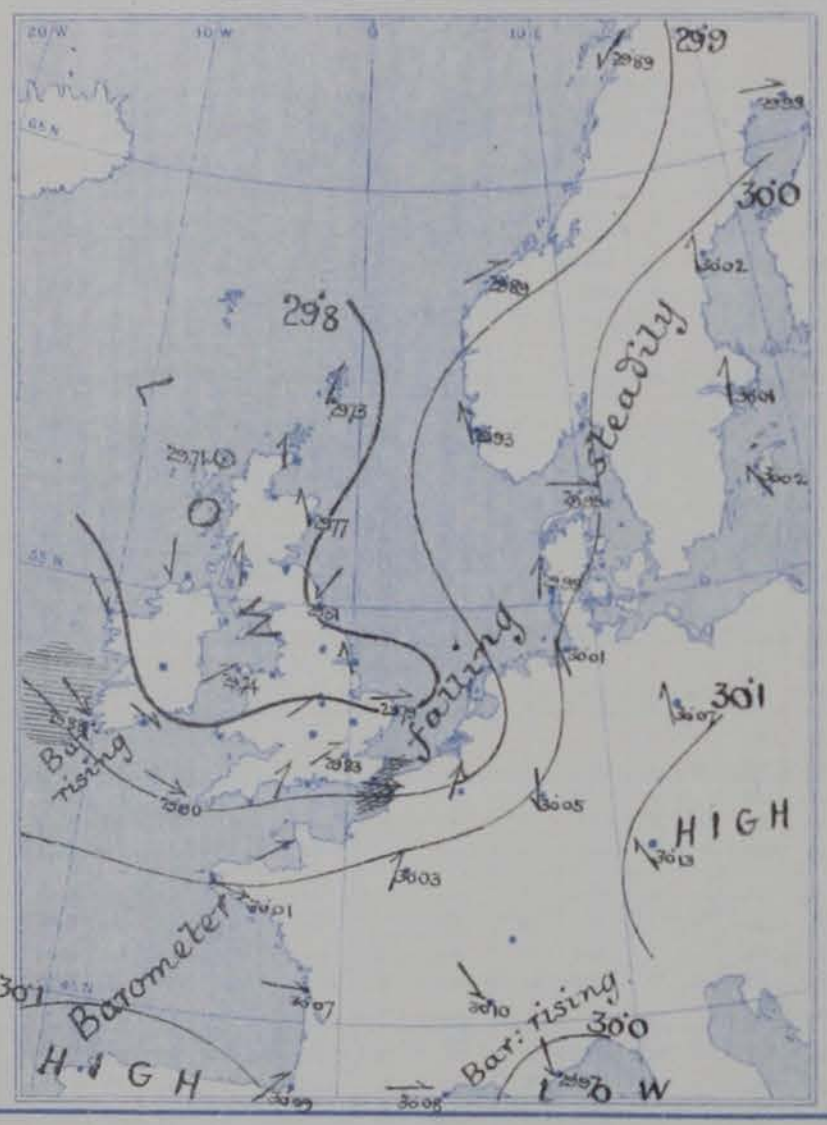
BAROMETER, WIND AND SEA.

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 ⟶ ; Force 8 to 10 ➤⟶ ; Force 1 to 4 ⟶ ; Calm ⊙

SEA—Rough ▒ ; High ▓

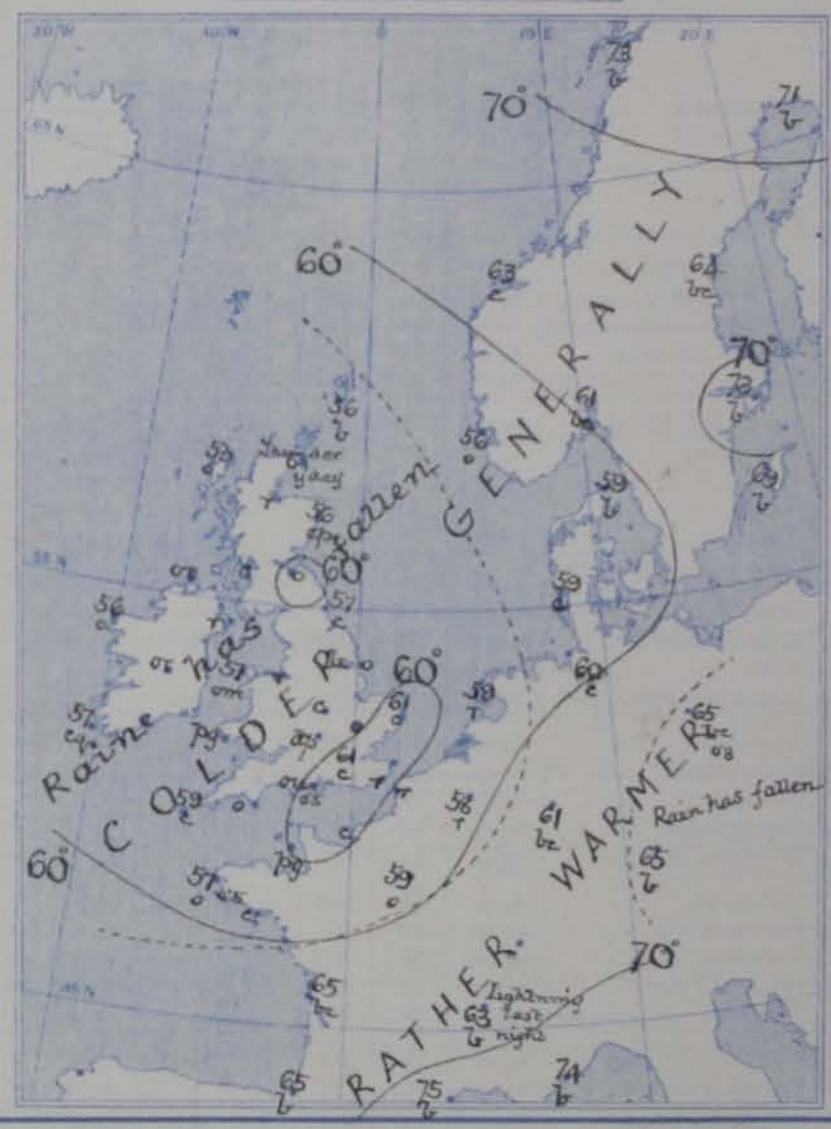


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·62	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards over the Spanish Peninsula, and also over south Germany.

Lowest 29.8 ins. and less in a large and complex depression covering all but the southern and eastern western parts of our Islands.

Gradients slight. Barometer falling a little in most places.

TEMPERATURE

Highest (1) 75° at Perpignan, 74° at Nice, and 71° at Lisbon, (2) 73° at Berlin and Stockholm, 71° at Haparanda.

Lowest 53° at Stornoway and Donaghadee, 54° at Nairn, 55° at Malin H^d., and 56° at Sandwick H^ds. Aberdeen, Loughborough, Belmullet and Pembroke.

The maxima registered over our Islands yesterday were below 65° in many places; at Loughborough, Cambridge and in London, however, the thermometer rose to 72°.

WIND

Moderate from the NW^d. in the south of Ireland and from the W^nd. or SW^d. over the south of England and the greater part of France.

Variable (but chiefly S^ly.) over the northern parts of Great Britain; moderate to fresh from the S^d. or SE^d. on the eastern shores of the North Sea. W^ly over the northern parts of Sweden.

WEATHER

Cloudy or overcast in nearly all parts of the United Kingdom, with rain or passing showers in many places.

Fine at most of the Continental stations, but raining at Brussels and the Helder.

In the course of the past 24 hours rain has fallen in most parts of our Islands, as well as over Germany, the Netherlands and the north of France. Thunder was heard yesterday at Wick, and lightning was seen early this morning at Lyons.

SEA

Slight or smooth generally, but rather rough at Valencia (Ireland). At Cape Gris Nez it was reported to be high.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large depression over our Islands appears to be almost stationary. Unsettled, showery weather is likely to continue in most districts, with thunder in some parts of England.

FORECASTS

For the 24 hours ending at NOON on 10^th. JULY 1894.

DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH	Light breezes, chiefly S^ly., changeable, some showers.
1 SCOTLAND EAST	
2 ENGLAND N.E.	Variable breezes, finally SW^ly.; changeable, some showers.
3 ENGLAND EAST	SW^ly. and W^ly winds, moderate, changeable, some showers, possibly thunder.
4 MIDLAND COUNTIES	
5 ENGLAND SOUTH	
6 SCOTLAND WEST	Same as No. 2.
7 ENGLAND N.W.	
8 ENGLAND S.W.	W^ly. winds, moderate, changeable, some showers.
9 IRELAND NORTH	NW^ly. to W^ly. winds, light, changeable, some showers
10 IRELAND SOUTH	
WARNINGS	None Issued.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.84	60	59	SSE.	5	r	4	Valencia							
Sumburgh Head								Scilly							
Stornoway	29.73	56	55	SE.	4	o	4	Jersey	30.14	64	58	SE.	3	c	3
Aberdeen								Hurst Castle ...							
Shields								Dungeness ...	30.11	64	59	WSW	5	b	4
Ardrossan								North Foreland	30.09	65	61	WSW	4	b	3
Malin Head ...	29.86	58	55	WSW	4	r	2	London (Westminster)							*
Belmullet	29.87	58	56	S	1	o	*	Yarmouth ...							
Holyhead								Rochefort ...	30.21	71	65	NW	3	bc	*

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

Weather in morning fair and bright over the Continent as a whole, very variable in our islands – clear at some stations, dull at others, changeable as a whole and showery in the extreme northwest. Rain later in all parts of our islands, in the north and west of France & in some parts of Germany; thunder reported at Brest.

Temperature fallen a little over most of the northwestern & western countries, risen over Lapland, Russia & Southeastern Europe. Morning readings highest 84° at Patras, 83° at Palma, 82° at Barcelona and exceeding 70° over Southern Europe generally as well as in Lapland and the northwest of Norway. Lowest (1) 48° at Archangel & ranging between 54° and 56° over Central Russia; (2) 54° 59° over Ireland, the west of Scotland and northwest of England, 58° at Brussels. Rising later to 70° or more over England, to 82° at Nice & 86° at Perpignan – not exceeding 65° over Central France.

Wind. Light and very variable over nearly the whole of the Continent & the Mediterranean; W^ly to SW^ly moderate over the English Channel, SW^ly over the Netherlands and Holstein, S^ly over Scotland, SE^ly over Denmark and the west of Norway. Becoming more S^ly over England and Ireland later (SE^ly in places) but remaining moderate in force.

Barometer highest 30.2 ins. and more to 30.0 ins. over the greater part of the Continent & south of England, there being two maxima – one over Northern the other over Southwestern Europe. Lowest 29.8 ins. and less over Scotland and 29.9 ins. and less over the southeast of Russia. Falling decidedly at our southwestern and western stations later, as well as over Scandinavia and the Baltic.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD
FROM THE 1ST TO THE 7TH JULY 1894.

During the past week two spells of fine warm weather have been experienced over the United Kingdom, the heat being followed in each instance by thunderstorms and a decided fall of temperature.

The first fine period which continued from the previous week over Sunday and in some localities over Monday also was due to an anticyclone, the central position of which lay at the commencement of the week over the North Sea. During its prevalence E^ly or SE^ly winds were general over our islands, with fine clear skies and with very high temperatures over England, the maximum readings of the 1st being above 80° in many places and as high as 87° at Cambridge. On the night of the 1st, however, a shallow area of low pressure appeared off our west and south-west coasts and in the course of the morning 24 hours when this moved eastwards across the country thunderstorms were experienced in nearly all districts, with heavy rain in the Channel Islands and also in the north of Scotland. In the rear of the low pressure system W^ly and NW^ly winds set in with a decided fall of temperature the maximum readings of the 3rd being very little above 70° at any station.

The second fine period was due to an anticyclone which advanced over France and Germany from the southwest on the 4th and 5th and which spread northwards over the North Sea and the eastern parts of our islands. Fine warm weather therefore set in again over Great Britain the highest temperatures being recorded on the 6th when the thermometer over the inland parts of England rose to between 80° and 85°. On our extreme west coasts the weather at this time was influenced by some depressions moving northwards outside Ireland and the west of Scotland, and in the west of Ireland heavy rains were experienced the aggregate amount at Valencia for the 4th and 5th being as much as 2·85 ins. On the 6th depressions spread eastward while shallow secondary disturbances advanced over England from the south. Thunderstorms were again reported in nearly all parts of Great Britain, with heavy rain in a few places & on the 7th when SW^ly winds set in very generally the thermometer fell decidedly the maximum readings over England being again very little above 70°.

EXPLANATION OF THE COLUMNS ... 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 10th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29·82	65	WSW	2	b	29·77	—·22	68	51	— 3	SW	5	b	#	b	#	75	52	—
	Hernösand ...	29·89	62	S	2	b	29·83	—·19	67	59	+ 3	S	2	b	#	b	#	73	50	—
	Stockholm ...	29·91	63	C	0	b	29·80	—·21	71	61	— 2	SSE	2	c	#	b	#	77	59	—
	Wisby	29·95	61	SSE	2	b	29·82	—·20	65	58	— 4	SSW	5	b	#	b	#	73	54	—
	Bodö	29·86	65	C	0	bc	29·82	—·07	59	57	— 14	SW	2	0	1	bc	#	73	55	—
	Christiansund ...	29·95	63	NE	2	0	29·82	—·07	59	57	— 4	NE	4	r	2	0	#	73	57	0·16
	Skudesnaes ...	29·87	60	SE	2	c	29·74	—·19	63	58	+ 7	ESE	2	bc	2	c	#	65	54	?
	Færder (Christiania Fjord)	29·89	64	SSE	2	b	29·76	—·24	60	57	— 1	NNE	4	c	1	b	#	66	59	—
	Skagen (The Scaw)	29·88	62	C	0	b	29·73	—·26	60	58	+ 1	C	0	r	0	b	#	75	55	—
	Fanö	29·77	60	ESE	5	c	29·65	—·34	62	59	+ 3	SW	2	c	#	c	#	70	57	0·16
	Sumburgh Head	29·73	56	SSE	1	0	29·65	—·08	58	57	+ 2	E	1	0	2	0	#	61	53	—
	Stornoway ...	29·67	55	S	2	r	29·56	—·15	53	53	0	E	3	r	3	r	3·5	56	48	0·35
	Wick	29·72	57	S	2	c	29·62	—·15	59	56	+ 2	S	2	b	1	c	#	63	53	0·02
	Nairn	29·66	60	C	0	c	29·55	—·18	56	55	+ 2	C	0	0	1	c	#	61	48	0·03
	Aberdeen ...	29·71	58	SSE	2	bc	29·57	—·20	55	54	— 1	ENE	2	drg	1	bc	3·9	62	53	0·02
British Islands.	Leith	29·66	62	S	1	0	29·55	—·19	56	54	— 5	ESE	1	r	#	0	#	66	54	0·14
	Shields	29·70	57	SE	2	0	29·55	—·26	55	54	— 2	SE	1	0	2	c,0	#	61	53	—
	Spurn Head ...	29·66	58	ESE	3	cv	29·56	—·24	59	57	+ 2	SW	2	0	2	bc,tlp,cv	#	60	55	0·12
	York	29·68	60	ENE	1	r	29·57	—·22	58	57	0	ENE	1	0	#	tlr	#	70	53	0·75
	Loughborough ...	29·70	64	WSW	3	0	29·61	—·20	59	55	+ 3	W	2	cm	#	0	#	73	54	—
	Ardrossan ...	29·66	61	W	1	c	29·54	—·19	57	50	— 1	W	3	0	2	0,c	#	65	53	0·15
	Malin Head ...	29·69	56	WNW	3	c	29·56	—·17	55	52	0	C	0	0	0	0,c	#	57	50	0·06
	Beimullet ...	29·75	58	WSW	1	bc	29·57	—·23	55	53	— 1	N	2	c	#	0,bc	#	59	53	0·02
	Donaghadee ...	29·69	55	ESE	2	r	29·58	—·17	55	53	+ 2	WNW	3	m	1	r	#	58	52	0·20
	Liverpool (Bidston)	29·70	58	WNW	1	c	29·58	—·17	57	54	0	W	1	0	2	c	#	63	53	0·54
	Holyhead ...	29·71	58	SW	2	cm	29·59	—·15	56	55	— 1	C	0	ogm	0	cm,om	#	63	51	0·02
	Parsonstown ...	29·76	60	SW	1	0	29·58	—·17	54	53	— 3	SW	1	r	#	0	1·8	63	53	0·28
	Valencia ...	29·80	57	WSW	3	op	29·56	—·32	55	54	— 2	WNW	1	0	2	og,op	3·9	60	53	0·24
	Roche's Point ..	29·79	57	NW	3	0	29·56	—·24	55	54	— 3	WSW	2	rm	3	0	#	64	52	0·05
	Pembroke (St. Ann's Hd.)	29·77	57	W	5	0	29·58	—·22	57	55	+ 1	SSE	2	og	2	0	0·5	59	54	—
	Scilly	29·86	61	WNW	3	c	29·52	—·38	57	56	— 2	SSE	4	0	3	c	2·8	62	56	0·33
	Prawle Point ...	29·84	58	W	4	0	29·61	—·27	56	54	— 1	SE	2	rg	1	od	#	60	52	0·03
	Jersey (St. Aubin's)	29·91	62	W	4	bc	29·65	—·30	60	57	0	SSW	3	ogm	3	cg,bc	#	64	52	—
	Hurst Castle ...	29·80	61	WSW	5	c	29·64	—·20	59	57	— 3	SSW	2	0	2	c	#	65	58	—
	Dungeness ...	29·79	60	WSW	4	bc	29·65	—·18	58	57	— 2	WSW	4	c	3	bc	#	64	57	0·02
	North Foreland	29·76	65	W	5	bq	29·64	—·18	60	58	— 5	S	1	0	2	bq,	#	69	53	—
	London (Brixton) ...	29·75	65	SW	4	cp	29·64	—·19	59	55	— 2	SW	2	0	#	bc,cp,b	6·2	71	55	0·06
	Oxford	29·74	60	SW	3	0	29·62	—·19	58	55	— 1	SW	1	ow	#	r,0,c	#	68	54	0·03
	Cambridge ...	29·71	69	SW	4	b	29·62	—·20	61	57	+ 2	SSW	1	0	#	b	4·7	75	53	—
	Yarmouth ...	29·71	63	SE	1	bc	29·61	—·18	61	59	0	WSW	2	bc	2	bc,p,tlr	#	68	54	0·39
Germany & Holland.	Cuxhaven ...	29·82	64	SSW	2	c	29·73	—·28	64	62	+ 4	S	2	b	#	c	#	68	60	0·24
	Berlin	29·89	70	SSE	1	c	29·80	—·27	65	59	0	SSW	1	c	#	c	#	77	59	—
	Wiesbaden ...	#	#	#	#	#	29·79	—·26	65	58	+ 4	NE	1	c	#	#	#	73	57	0·04
	Munich	29·99	66	C	0	c	29·90	—·23	66	61	+ 1	SW	3	0	#	c	#	75	57	—
	The Helder ...	29·79	61	SW	2	0	29·69	—·24	61	59	+ 2	WSW	2	c	2	0	#	64	59	0·16
Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	29·73	—·20	61	56	+ 3	WSW	2	c	#	0	#	73	54	0·04
	Cape Gris Nez ...	29·80	60	W	5	bc	29·69	—·14	58	57	0	WSW	4	0	3	bc	#	63	54	—
	Paris	29·87	70	SW	2	0	29·76	—·27	62	58	+ 3	S	1	0	#	0	#	77	58	0·08
	Brest	?	59	WNW	3	0	?	?	58	58	+ 1	SSE	3	r	3	0	#	63	55	0·12
	Lorient	29·95	61	W	5	0	29·66	—·35	59	57	0	S	4	0	2	0	#	66	57	0·16
France &	Rochefort ...	30·00	64	WNW	4	0	29·79	—·28	65	61	0	WSW	4	0	#	0	#	70	59	—
	Belfort														#		#			
	Lyons	29·91	79	ENE	1	b	29·87	—·23	64	61	+ 1	SW	1	r	#	b	#	82	63	0·04
	Nice	29·93	72	SW	1	bc	29·89	—·08	69	67	— 5	C	0	c	0	bc	#	82	63	—
	Perpignan ...	29·94	82	E	2	b	29·82	—·26	75	67	0	E	2	b	#	b	#	91	64	—
	Biarritz ...	30·00	70	W	4	0	29·80	—·29	66	64	+ 1	E	2	0	2	0	#	75	63	0·39
Penin-sula.	Corunna ...														#		#			
	Lisbon	30·13	66	N	4	c	30·08	—·07	66	63	— 5	WNW	4	0	#	c	#	82	64	—
	Azores (P. Delgada)	30·28	69	NNW	1	0	30·23	—·08	69	69	+ 2	NW	1	m	1	0	#	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR TUESDAY, 10TH JULY, 1894.

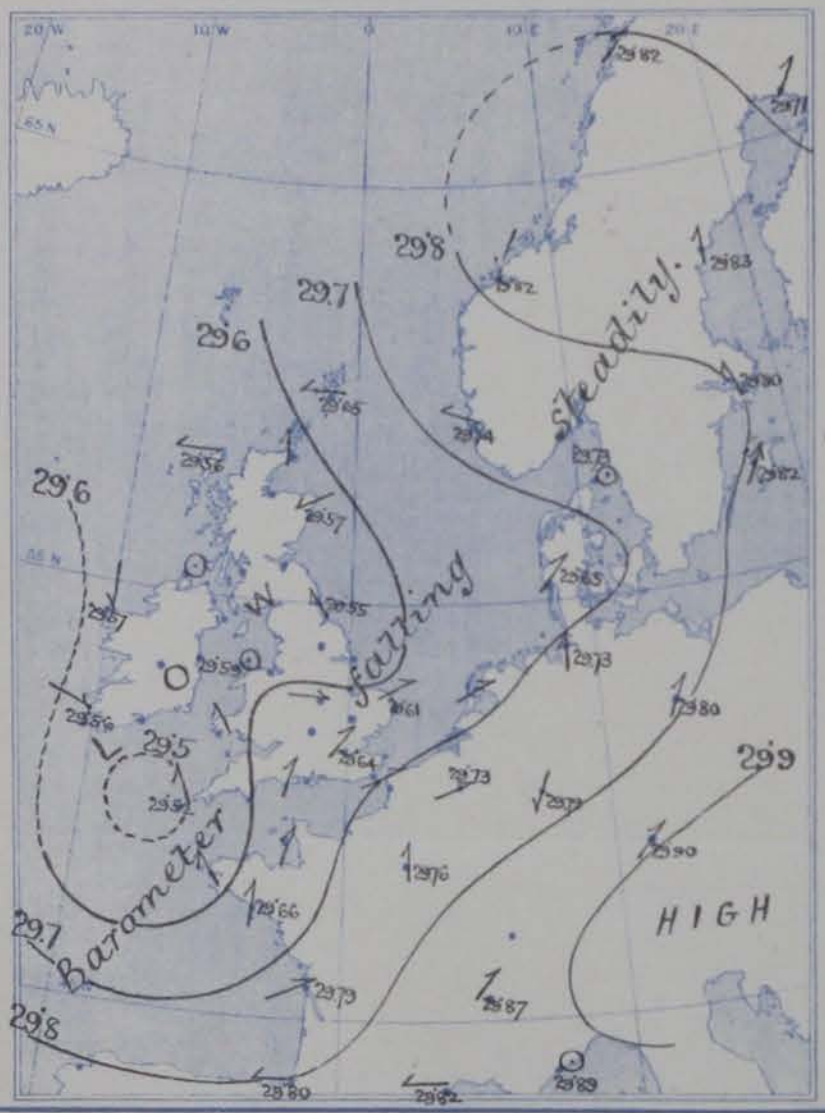
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▭ ; High ▬



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·9	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 29.9 ins. and more to 29.7 ins. over Switzerland, Germany, and the greater part of France; (2) 29.8 ins. and more to 29.7 ins. over Scandinavia.
Lowest. Below 29.6 ins. over Scotland and Ireland and below 29.5 ins. in a depression near the Scilly Is.
Gradients slight and irregular; distribution cyclonic and complex.
Barometer falling unsteadily — most in the south.

TEMPERATURE

Highest 75° at Perpignan, 69° at Nice, 66° at Biarritz and Munich, 65° at Berlin.
Lowest 54° to 55° at the Irish stations, 53° at Shields, 59° at Wick and several of the English stations.
The maxima recorded yesterday ranged from 70° to 75° over the inland parts of England, and touched 77° at Paris, 84° at Lyons and Nice, and 91° at Perpignan.

WIND

Moderate from the S.W. over the south of England and north of France; exceedingly light and variable over Scotland and Ireland (calm in many places) and variable from between E. and N.E. over the greater part of Norway.

WEATHER

Had become cloudy and changeable generally; in many places the sky was overcast and in several rain was falling.
Showers of rain had fallen in most places; at York and Liverpool the fall had been heavy.
Thunderstorms had occurred in the east and northeast; a solar halo had been seen at Jersey.

SEA

Slight to smooth on all our coasts — very smooth in the northeast.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The disturbance in the southwest seems to be moving eastwards, and showery weather is again likely to be experienced generally, with thunder in places.

FORECASTS

For the 24 hours ending at NOON on 11TH JULY 1894.

DISTRICTS.		FORECASTS.	DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying light breezes: some rain at times, thunder locally.	6	SCOTLAND WEST	Same as Nos. 0 and 1.
1	SCOTLAND EAST		7	ENGLAND N.W.	
2	ENGLAND N.E.	Same as No. 4	8	ENGLAND S.W.	Same as No. 5.
3	ENGLAND EAST	Same as No. 5.	9	IRELAND NORTH	Very variable airs, changeable, rainy, thunder in places.
4	MIDLAND COUNTIES	Varying airs, very unsettled, rain at times thunder locally.	10	IRELAND SOUTH	
5	ENGLAND SOUTH	S.W. ¾ to S.E. ¾ and varying breezes light, unsettled, rainy, thunder 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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.92	65	60	S	4	bc	4
Sumburgh Head	29.74	55	54	S	1	o	2
Stornoway	29.70	55	55	S	2	r	3
Aberdeen	29.74	61	54	SSE.	2	bc	2
Shields	29.72	59	57	E.	2	c	2
Ardrossan	29.70	62	59	S	2	o	2
Malin Head ...	29.72	53	52	NNW	3	o	2
Belmullet	29.79	57	54	W	2	o	*
Holyhead	29.73	61	58	SW	3	cm	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.86	59	55	WSW	3	og	4
Scilly	29.89	60	56	WNW	4	c	3
Jersey	29.93	63	59	WSW	5	c	4
Hurst Castle ...	29.84	63	61	WSW	5	c	3
Dungeness ...	29.80	63	60	WSW	6	bc	4
North Foreland	29.80	69	66	W	4	b	3
London (Westminster)	29.77	72	61	SSW	3	c	*
Yarmouth ...	29.76	66	61	W	2	bc	2
Rochefort ...	30.04	68	65	WSW	4	o	*

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

Weather in morning fine and bright over Finland, Russia, southeastern Europe, the Mediterranean and the Iberian Peninsula, cloudy, changeable and unsettled over the whole of the British Islands, the North Sea, Holland, Belgium and the north of France, with rain in several places. Rain falling subsequently in nearly all parts of our Islands and northwestern Europe — heavily in the north of England; thunderstorms occurring in the east and northeast of England, and solar halos seen in the south.

Temperature still decreasing, unsteadily, over the northwestern countries, and fall spreading over central Europe. Morning readings 75° to 87° at the Algerian stations, 83° at Patras, 80° at Palma and Barcelona; exceeding 70° over southern Europe generally, as well as over Finland, Lapland, and parts of Sweden. Lowest (1) 46° at Archangel; (2) 53° at Stornoway, 54° at Nairn, 56° at Loughborough, 58° at Brussels, and 59° at Paris. Rising later to between 70° and 75° over the inland parts of England, to 77° at Paris, 84° at Lyons and Nice, and 91° at Perpignan.

Wind (1) chiefly N. and light, over Russia; (2) extremely variable and light over the Baltic, central and southern Europe; (3) NW. and W., light, over the greater part of Ireland (and moderate in the Bay of Biscay), W. & S. over England and the Channel, calm, or very light S. over Scotland. Remaining almost unchanged during day.

Barometer Highest 30.1 ins. and more to 30.0 ins. over the Mediterranean, southern and central Europe, the Baltic, Finland and the White Sea. Lowest below 29.8 ins. over Scotland and the northern parts of Ireland and England; below 29.9 ins. over the north of Norway, and also over southeastern Russia. Falling unsteadily over our Islands and western Europe later, and distribution becoming complex.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.67	63	SSE	2	b	29.63	— .14	67	64	— 1	NE	2	b	*	b	*	72	59	—
	Hernösand ...	29.68	63	S	2	b	29.63	— .20	64	60	— 3	S	2	b	*	b	*	73	57	—
	Stockholm ...	29.72	62	S	4	b	29.65	— .15	69	62	— 2	SE	2	b	*	b	*	73	57	0.20
	Wisby	29.75	62	SSE	4	bc	29.64	— .18	70	63	+ 5	SSE	2	o	*	bc	*	73	55	—
	Bodö	29.69	60	N	2	bc	29.60	— .22	66	60	+ 7	E	2	bc	2	bc	*	66	54	0.16
	Christiansund ...	29.68	63	NE	4	bc	29.53	— .29	61	59	+ 2	L	0	m	0	bc	*	66	57	0.08
	Skudesnaes ...	29.65	63	WNW	2	c	29.47	— .27	66	57	+ 3	ENE	2	bc	2	c	*	66	54	—
	Færder (Christiania Fjord)	29.63	68	L	0	b	29.54	— .22	65	61	+ 5	ENE	4	bc	2	b	*	68	59	—
	Skagen (The Scaw)	29.58	62	SE	2	bc	29.46	— .27	66	62	+ 6	SE	2	m	0	bc	*	77	57	—
	Fanö	29.52	58	L	0	c	29.32	— .33	63	61	+ 1	E	4	c	*	c	*	72	57	—
British Islands.	Sumburgh Head	29.55	58	NE	2	c	29.40	— .25	57	56	— 1	ENE	3	o	4	c	*	62	55	—
	Stornoway ...	29.46	55	L	0	r	29.30	— .26	55	55	+ 2	L	0	o	2	r	0.0	57	50	0.75
	Wick	29.49	56	E	4	o	29.36	— .26	57	54	— 2	SE	4	o	1	o	*	60	53	0.01
	Nairn	29.41	58	L	0	o	29.32	— .23	55	55	— 1	L	0	r	1	bl, o	*	63	50	0.07
	Aberdeen ...	29.62	56	ENE	1	ogm	29.31	— .26	56	56	+ 1	ENE	1	org	1	rogm	0.1	59	53	0.11
	Leith	29.62	58	SE	1	r	29.31	— .24	56	55	0	W	1	o	*	r	*	66	52	0.23
	Shields	29.64	56	E	1	r	29.30	— .25	56	55	+ 1	NW	1	r	2	r	*	58	53	0.40
	Spurn Head ...	29.62	63	S	2	o	29.28	— .28	58	57	— 1	NNW	3	o	3	c, rg	*	64	55	0.23
	York	29.62	62	NNW	1	o	29.31	— .26	51	56	— 2	WNW	1	r	*	o	*	65	54	0.14
	Loughborough ...	29.64	62	WNW	1	o	29.34	— .27	54	53	— 5	WNW	2	om	*	o, rgmp	*	68	53	0.18
	Ardrossan ...	29.63	58	SSW	2	o	29.31	— .23	59	57	+ 2	SSE	1	bc	1	o	*	59	48	—
	Malin Head ...	29.66	55	ENE	2	o	29.33	— .23	55	52	0	ESE	1	o	0	o	*	59	52	—
	Belmullet ...	29.50	58	NW	3	b	29.36	— .21	58	54	+ 3	W	2	bc	*	b	*	61	49	0.03
	Donaghadee ...	29.65	56	SE	3	bc	29.34	— .24	56	55	+ 1	SW	2	o	0	bc	*	59	53	0.06
	Liverpool (Bidston)	29.64	59	NNW	1	c	29.37	— .21	58	54	+ 1	W	3	o	3	c	*	63	54	—
	Holyhead ...	29.66	57	NNE	2	bc	29.38	— .21	55	54	— 1	WNW	3	cm	2	op, bc	*	60	50	0.03
	Parsonstown ...	29.65	60	L	0	o	29.40	— .18	56	54	+ 2	SE	1	b	*	o	0.0	64	50	0.15
	Valencia ...	29.54	59	W	3	bcv	29.40	— .16	57	54	+ 2	SSW	2	o	3	bcv	7.7	60	52	0.03
	Roche's Point ..	29.48	61	WNW	4	cp	29.45	— .11	58	55	+ 3	W	3	c	3	cp, b	*	62	52	0.10
	Pembroke (St. Ann's Hd.)	29.65	58	NW	3	o	29.42	— .16	55	52	— 2	NW	4	c	3	o	0.0	58	54	—
	Scilly	29.67	56	NNW	5	p	29.52	.00	58	55	+ 1	WSW	4	op	3	p	0.5	59	55	0.17
	Prawle Point ...	29.57	55	NE	3	r	29.48	— .13	58	56	+ 2	W	5	bc	4	r, p	*	58	52	0.38
	Jersey (St. Aubin's)	29.69	61	SE	5	rm	29.59	— .06	60	57	0	WSW	5	cgm	4	rm, tlr	*	61	55	1.64
	Hurst Castle ...	29.56	58	ESE	3	r	29.41	— .23	58	57	— 1	WNW	4	c	3	r	*	62	55	0.90
	Dungeness ...	29.60	59	ENE	3	r	29.33	— .32	59	57	+ 1	WNW	5	o	4	r, tl	*	63	54	0.66
Germany & Holland.	North Foreland	29.64	60	E	2	o	29.30	— .34	58	56	— 2	WNW	4	o	4	o, r	*	63	53	0.98
	London (Brixton) ...	29.62	60	SE	1	cg	29.36	— .28	57	56	— 2	NW	2	o	*	o, or	0.1	65	54	1.46
	Oxford	29.58	56	NNE	2	r	29.37	— .25	57	54	— 1	W	2	o	*	o, r	*	64	54	0.26
	Cambridge ...	29.65	69	S	2	r	29.32	— .30	58	56	— 3	W	2	o	*	r	2.5	71	54	0.54
	Yarmouth ...	29.66	61	SSE	4	c	29.22	— .39	55	54	— 6	NW	4	or	3	c	*	65	54	0.47
	Cuxhaven ...	29.57	63	W	1	o	29.39	— .40	60	55	— 4	SSE	3	r	*	o	*	70	60	—
	Berlin	29.63	74	SSW	1	c	29.45	— .35	68	63	+ 3	SSE	3	o	*	c	*	84	64	—
	Wiesbaden ...	*	*	*	*	*	29.43	— .36	65	60	0	SW	4	o	*	*	*	73	63	0.32
	Munich	29.74	65	SW	2	o	29.68	— .22	58	54	— 8	SW	5	r	*	o	*	73	65	0.04
	The Helder ...	29.52	62	ENE	1	c	29.16	— .53	64	62	+ 3	SSE	4	o	3	c	*	66	61	0.55
Germany & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*									*		*			
	Cape Gris Nez ...	29.64	59	ENE	3	r	29.27	— .42	55	55	— 3	NW	8	r	8	r	*	64	54	1.22
	Paris	29.66	59	SE	2	r	29.50	— .26	58	55	— 4	WSW	4	o	*	r	*	69	55	0.32
	Brest	?	56	N	5	r	?	?	57	55	— 1	NW	3	c	4	r	*	61	54	0.83
	Lorient	29.64	61	W	5	o	29.65	— .01	59	56	0	W	5	bc	4	o	*	66	55	0.28
France &	Rochefort ...	29.69	66	SW	6	o	29.78	— .01	59	58	— 6	W	5	o	*	o	*	66	55	0.71
	Belfort														*		*			
	Lyons	29.55	75	S	3	o	29.79	— .08	63	57	— 1	S	1	bc	*	o tlr	*	77	58	1.10
	Nice	29.79	72	W	2	c	29.67	— .22	66	63	— 3	SW	3	bc	3	c	*	87	61	1.18
	Perpignan ...	? 29.95	85	SW	3	c	29.84	+ .02	69	58	— 6	W	4	b	*	c	*	90	64	—
	Biarritz ...																*			
Peninsula.	Corunna ...																*			
	Lisbon	30.04	66	W	3	o	30.04	— .04	66	59	0	NNE	3	o	*	o	*	73	64	—
	Azores (P. Delgada)	30.23	68	L	0	c	30.23	.00	68	66	— 1	NE	3	. c	1	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR WEDNESDAY, 11th JULY, 1894.

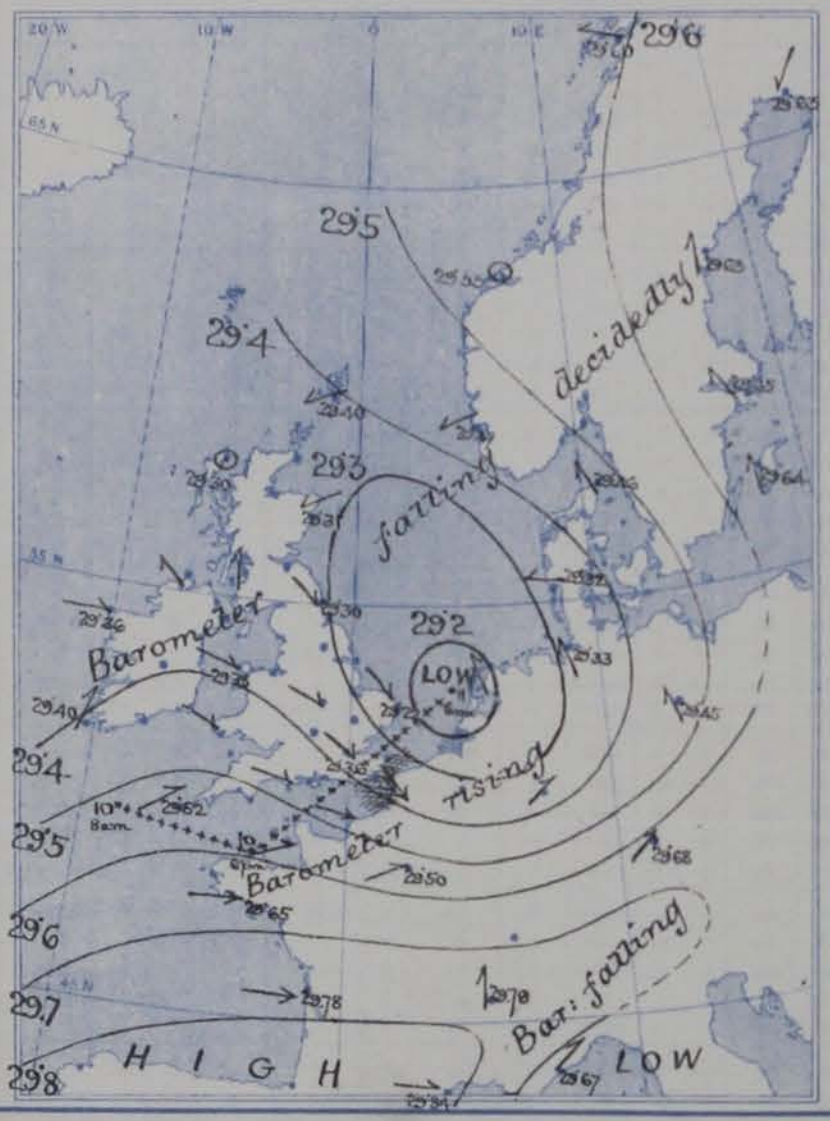
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▭ ; High ▬



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·0 ins. and more to 29·8 ins. over the Spanish Peninsula and southwest of France; (2) 29·6 ins. & more over Sweden & Finland.
Lowest (1) 29·2 ins. and less in a small well-marked depression between the east of England and the Dutch coasts; (2) 29·3 ins. and less off the west of England.
Gradients somewhat steep over France and the Channel, slight and irregular elsewhere.
Barometer rising over France and the south of England, falling elsewhere — the fall in the west being apparently due to some new depression advancing from the Atlantic.

TEMPERATURE

Highest (1) 69° at Perpignan, 66° at Nice and Lisbon, 68° at Berlin; (2) 70° at Wisby, 67° at Hoparanda, 66° at Berlin and Stockholm.
Lowest 55° at Stornoway, Nairn and Malin Head, 56° at Aberdeen, Shields and Parsonstown.
The maxima recorded yesterday were 71° at Cambridge, 68° at Loughborough, 66° at Leith; 69° at Paris, 81° at Nice, 84° at Berlin, and 90° at Perpignan.

WIND

(1) Very light and variable — but mainly E. ¾ — at the Northern stations; (2) NW. ¾ to W. ¾ at the southern stations, and blowing a moderate gale on the northeast coast of France, and a fresh breeze over the western parts of the Channel and Bay of Biscay; (3) S. ¾ again at Valencia, but of little strength.

WEATHER

Dull and rainy at the northeastern and southeastern stations, fair (temporarily) in the west, very fine in the south of France.
Large quantities of rain have fallen at the southern stations — more than an inch in several places; at Stornoway also a fall of 0·75 in. is reported. Thunderstorms occurred at Nairn, Jersey & Dungeness.

SEA

Very rough in the Straits of Dover (French side) moderate on our own southern coasts and at Ushant, smooth at Holyhead.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT.

The depression in the southeast is apparently moving northwards; but further disturbances are advancing from the Atlantic. Settled weather not at all probable at present.

FORECASTS

For the 24 hours ending at NOON on 12TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying breezes, light, rainy, unsettled.
1	SCOTLAND EAST	
2	ENGLAND N.E.	NW. ¾ breezes; rainy; then W. ¾ and temporarily fine.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	NW. ¾ breezes; and fine weather; then SW. ¾ and showery.
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 and 1.
7	ENGLAND N.W.	SW. ¾ and S. ¾ breezes; rainy at times, unsettled.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.67	65	61	WNW	2	c	2
Sumburgh Head	29.60	60	58	NE	2	b	2
Stornoway	29.50	57	56	S	3	o	3
Aberdeen	29.49	56	55	NE	2	opg	2
Shields	29.48	57	56	E	2	of	2
Ardrossan	29.48	59	57	SSW	1	o	1
Malin Head ...	29.50	57	54	E	2	o	0
Belmullet	29.54	60	55	N	2	bc	*
Holyhead	29.51	58	55	NE	1	cf	1
Valencia	29.54	60	57	WNW	5	cf	5
Scilly	29.44	57	56	WSW	4	o	2
Jersey	29.40	59	58	ESE	5	r	4
Hurst Castle ...	29.50	60	59	SSE	1	r	2
Dungeness ...	29.53	62	58	SSW	2	o	2
North Foreland	29.54	63	60	S	4	bc	3
London (Westminster)	29.52	63	57	SSW	3	o	*
Yarmouth ...	29.54	64	59	SSW	3	c	3
Rochefort ...	29.63	64	64	S	5	r	*

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

Weather in morning fine and bright over Sweden, Finland and the north of Russia, also over southeastern Europe and Algeria; very cloudy and unsettled over northwestern Europe and the British Islands with rain in several places. Heavy continuous rain falling over France, the Channel Islands and the southeast of England later — smaller quantities in most other places, but 0.75 in. at Stornoway. Thunderstorms occurring at Nairn and over the English Channel.

Temperature in morning highest 82° at Patras and in the east of Spain, 75° to 82° at the Algerian stations, and above 70° over southern Europe as a whole, and 65° to 72° over Finland. Lowest (1) 52° at Moscow, 55° at Archangel, 58° at Kharkov; (2) 53° to 59° over nearly the whole of the United Kingdom. Rising later to 70° or more at a few stations in England, and at all the Swedish stations, to 69° at Paris, 81° at Nice, 82° at Berlin, and 90° at Perpignan.

Wind W. to SW. and fresh in the west of Spain, S. to SE. over the Channel and north of France, SW. (light) over the Netherlands, S. over the Baltic, light and very variable elsewhere. Shifting from S. to W. over France later, extremely variable over the United Kingdom — backing round from S. to E. and N. in London.

Barometer highest 30.0 ins. and more over the southwest of Spain, and exceeding 29.8 ins. over southern, southeastern, central and northern Europe generally. Lowest 29.6 ins. to 29.5 ins. over the northern and western parts of the British Islands; where several local disturbances were found. Well marked system advancing over the Channel and north of France from the W. later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...														*		*			
	Hernösand ...														*		*			
	Stockholm ...														*		*			
	Wisby														*		*			
	Bodö	29.57	66	E	2	bc	29.57	— .03	69	59	+ 3	E	4	b	2	bc	*	75	52	0.04
	Christiansund ...	29.43	67	NNE	3	b	29.23	— .30	68	59	+ 7	ESE	6	c	2	b	*	68	61	—
	Skudesnaes ...	29.20	61	ENE	4	r	29.01	— .46	64	61	— 2	ENE	2	r	2	r	*	70	57	?
	Færder (Christiania Fjord)	29.31	65	ENE	5	r	29.09	— .45	62	60	— 3	SSE	5	o	4	r	*	68	43	1.46
	Skagen (The Scaw)	29.19	62	SE	4	r	29.12	— .34	60	58	— 6	SW	7	o	2	r	*	72	55	0.59
	Fanö	29.06	60	SW	6	c	29.25	— .07	59	56	— 4	SW	8	c	*	br,c	*	68	57	0.47
	Sumburgh Head	29.32	58	NE	2	c	29.08	— .32	56	56	— 1	NE	4	o	4	c	*	62	54	0.02
	Stornoway ...	29.31	59	E	3	bc	29.26	— .04	56	56	+ 1	NE	3	r	3	c,bc	5.1	60	50	0.05
	Wick	29.32	55	E	3	r	29.17	— .19	54	54	— 3	N	4	r	3	r	*	60	52	0.21
	Nairn	29.27	60	L	0	op	29.19	— .13	56	55	+ 1	L	0	p	1	op	*	61	51	0.16
	Aberdeen ...	29.27	57	E	1	c	29.13	— .18	55	53	— 1	WNW	5	orgq	3	cm,c	0.3	62	55	0.08
British Isles.	Leith	29.26	61	W	1	c	29.19	— .12	60	55	+ 4	W	3	c	*	c	*	65	51	—
	Shields	29.27	60	N	1	c	29.22	— .08	60	56	+ 4	SW	2	c	2	cp	*	60	50	0.15
	Spurn Head ...	29.29	61	S	1	c	29.27	— .01	60	56	+ 2	W	2	b	3	pt,c	*	63	51	0.12
	York	29.30	64	W	2	b	29.28	— .03	59	56	+ 3	W	2	b	*	b	*	66	47	0.14
	Loughborough ...	29.37	56	WSW	2	r	29.31	— .03	56	55	+ 2	W	1	cmw	*	ept,cm	*	68	47	0.11
	Ardrossan ...	29.28	61	SSW	3	b	29.24	— .07	60	57	+ 1	S	2	b	2	b	*	63	50	—
	Malin Head ...	29.28	57	ENE	2	b	29.29	— .04	57	54	+ 2	N	2	cw	0	b	*	60	51	—
	Belmullet ...	29.33	57	WNW	1	bc	29.36	.00	55	53	— 3	WNW	1	c	*	bc	*	63	52	0.04
	Donaghadee ...	29.30	65	SW	3	bc	29.30	— .04	57	54	+ 1	NW	3	c	1	bc	*	66	55	—
	Liverpool (Bidston)	29.34	59	W	4	b	29.31	— .06	61	56	+ 3	L	0	b	1	b	*	63	50	—
	Holyhead ...	29.39	57	SW	5	b	29.32	— .06	56	55	+ 1	SW	2	cf	1	bc,b	*	63	51	—
	Parsonstown ...	29.31	57	L	0	o	29.37	— .03	55	53	— 1	L	0	c	*	o	4.4	64	49	0.45
	Valencia ...	29.31	55	WSW	2	r	29.42	+ .02	57	53	0	WSW	6	bc	5	c,r	4.5	63	53	0.34
	Roche's Point ..	29.30	61	S	3	bc	29.44	— .01	58	54	0	W	4	b	3	bc	*	65	50	—
	Pembroke (St. Ann's Hd.)	29.38	60	WSW	5	c	29.37	— .05	55	54	0	WNW	4	og	4	c	8.8	60	54	—
	Scilly	29.31	58	SSE	5	r	29.49	— .03	57	54	— 1	WNW	6	cp	4	c,r	6.0	65	56	0.18
	Prawle Point ...	29.45	57	W	5	bc	29.41	— .07	57	56	— 1	W	6	bcq	5	bc,g,rlq	*	61	52	0.54
	Jersey (St. Aubin's)	29.56	60	WSW	5	cpq	29.51	— .08	60	56	0	WSW	7	opqs	5	bc,cpq	*	63	54	0.24
	Hurst Castle ...	29.46	61	SW	5	c	29.34	— .07	61	59	+ 3	W	4	c	3	bc,c	*	63	55	0.09
	Dungeness ...	29.43	61	WSW	8	bcp	29.33	.00	59	56	0	SW	7	c	6	bc, pq	*	65	56	0.17
	North Foreland	29.43	63	WSW	5	b	29.32	+ .02	58	56	0	WSW	5	pq	3	r,b	*	65	53	0.18
	London (Brixton) ...	29.41	64	SW	4	bcv	29.30	— .06	59	56	+ 2	SW	1	c	*	c,b,op	7.3	70	52	0.12
	Oxford	29.41	59	SSW	2	bc	29.31	— .06	58	56	+ 1	WSW	1	cw	*	bc,r	*	68	52	0.58
	Cambridge ...	29.39	59	SSW	1	c	29.29	— .03	60	58	+ 2	SSW	1	o	*	c	3.4	69	49	0.19
	Yarmouth ...	29.34	62	W	3	ctp	29.31	+ .09	57	56	+ 2	S	1	cp	3	c,ctp	*	62	50	0.12
Germany & Holland.	Cuxhaven ...	29.23	62	WSW	6	r	29.45	+ .12	62	59	+ 2	SW	5	c	*	r	*	67	60	0.16
	Berlin	29.57	64	WSW	4	c	29.67	+ .22	64	58	— 4	SW	6	b	*	c	*	73	55	0.08
	Wiesbaden ...	*	*	*	*	*	29.69	+ .26	63	58	— 2	SW	2	o	*	*	*	66	59	—
	Munich	29.82	68	SW	4	c	29.91	+ .23	57	56	— 1	W	1	r	*	c	*	70	57	0.16
	The Helder ...	29.38	60	WSW	6	c	29.41	+ .25	59	56	— 5	SW	6	r	3	c	*	66	59	0.12
Belgium. France &	Brussels (9 a.m.) ...	*	*	*	*	*	29.46		61	56		SSW	6	o	*	b	*	68	53	0.16
	Cape Gris Nez ...	29.41	59	W	6	bc	29.36	+ .09	55	55	0	WSW	6	r	6	bc	*	61	52	0.16
	Paris	29.62	62	SW	3	c	29.60	+ .10	60	56	+ 2	SW	5	c	*	c	*	71	56	0.20
	Brest	?	59	SW	5	r	?	?	57	55	0	WNW	5	c	5	r	*	69	48	0.35
	Lorient	29.60	62	SW	5	c	29.62	— .03	58	54	— 1	WSW	6	bc	5	c	*	65	54	0.35
	Rochefort ...	29.78	63	W	5	c	29.80	+ .02	62	58	+ 3	W	5	bc	*	c	*	68	57	0.51
	Belfort														*		*			
	Lyons	29.77	72	W	1	bc	29.84	+ .05	64	57	+ 1	SW	1	c	*	bc	*	76	59	—
	Nice	29.65	77	NW	5	b	29.81	+ .17	68	58	+ 2	NE	2	b	2	b	*	84	63	—
	Perpignan ...	29.87	67	S	2	o	29.85	+ .01	69	63	0	L	0	b	*	o	*	85	58	—
	Biarritz ...	29.83	69	NW	2	b	29.88		66	61		WSW	3	b	3	b	*	73	59	—
Peninsula.	Corunna ...																*			
	Lisbon	30.07	64	WNW	3	b	30.10	+ .06	68	62	+ 2	WNW	4	c	*	b	*	73	61	—
	Azores (P. Delgada)	30.25	67	N	3	bc	30.27	+ .04	68	64	0	N	1	bc	1	bc	*	75	64	—

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR THURSDAY, 12TH JULY, 1894.

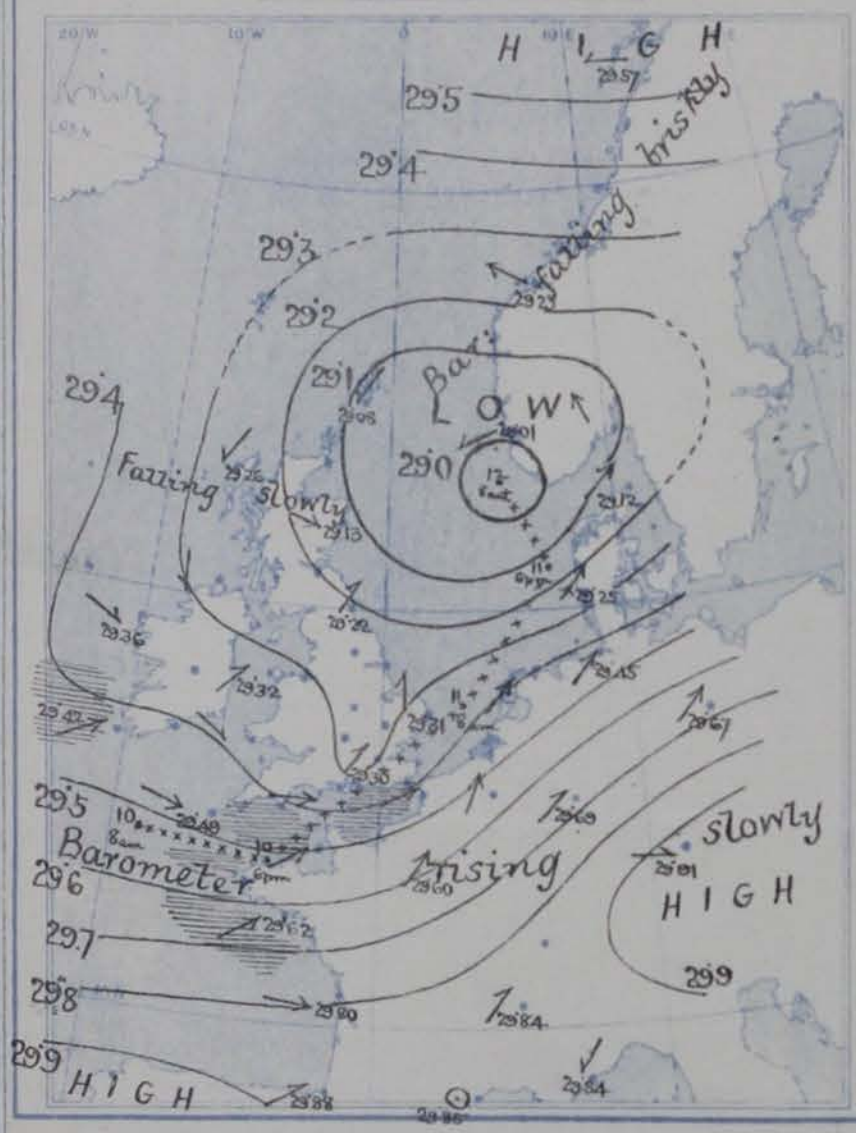
BAROMETER, WIND AND SEA.

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 ⟶ ; Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; Calm ⊙

SEA—Rough ; High

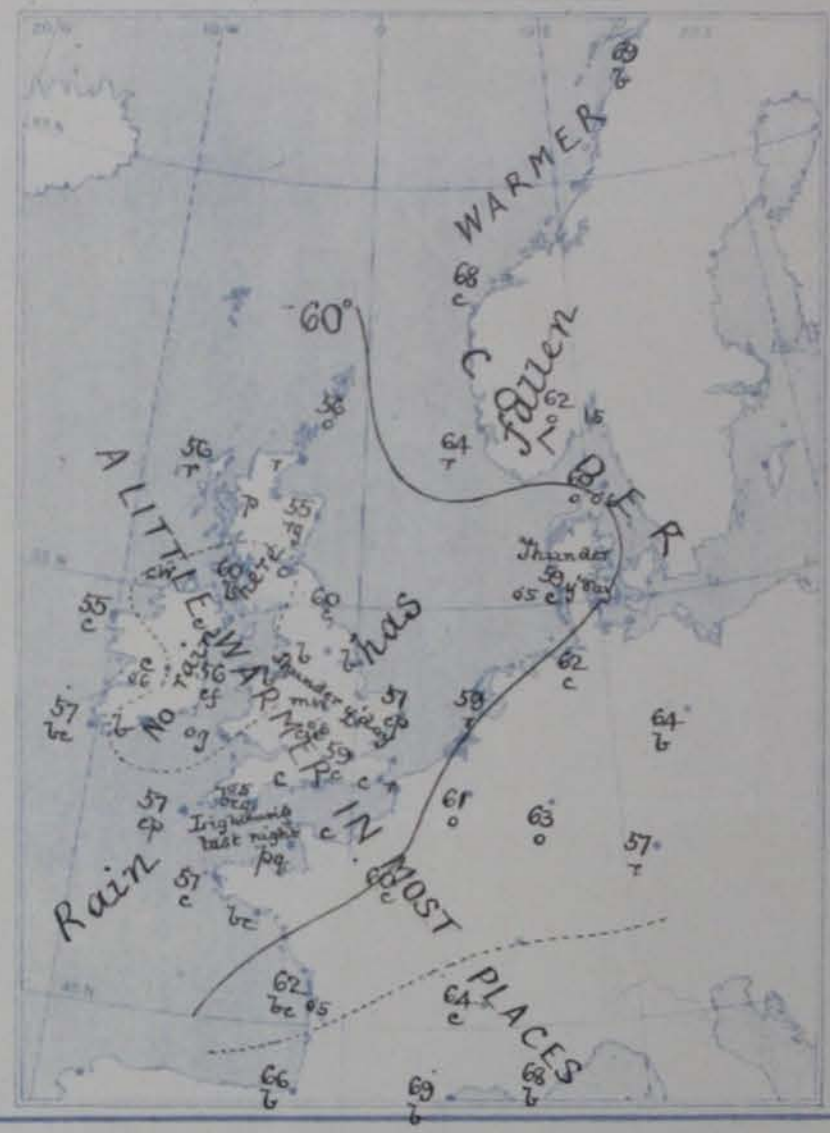


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90)				RAINFALL. (25 years 1866–90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90).	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·3	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·30	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66		
Spurn Head	29·880	59·5	56·8	65·1	55·2	1·74		
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	3·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	3·01		
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82		
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40		
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96		
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	137·5	32
Roche's Point	29·932	58·8	55·0	66·1	53·2	3·29		
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46		
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·24		
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20		
Dover	29·957	61·9	58·4	66·8	56·3	1·95		
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·4	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	197·0	39
Yarmouth	29·920	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. to 29.9 ins. over Spain, 29.8 ins. and more over southern Europe generally — 29.9 ins. at Munich (Very few of the Scandinavian reports are in).
Lowest 29.0 ins. in a depression having its centre off the southwest of Norway; and below 29.3 ins. in a secondary over Hertfordshire.
Gradients rather steep for W. and SW. winds over the North Sea, the Channel & the Nth. part of France & Germany
Barometer rising in the extreme west and southwest; falling in the north and east.

TEMPERATURE

Highest 69° at Perpignan and also at Bodo; 68° at Lisbon and Nice, as well as at Christiansund, 66° at Biarritz, 64° at Lyons, Berlin and Skudesnaes.
Lowest 55° at Belmullet, Parsonstown and Aberdeen, 56° at Sumburgh Hd., Stornoway and Holyhead.
London was the only station in our Islands where the thermometer rose to 70° yesterday; at Paris the maximum was 71°, at Nice 84°, and Perpignan 85°.

WIND

Very variable from between N. and W. over Ireland and Scotland; W. & SW. at the more southern stations — and blowing very strongly in the Channel — rather strongly over the Netherlands.
It blew with the force of a fresh gale at a few of the southern stations yesterday or in the night.

WEATHER

Very changeable over the British Islands and their neighbourhood; dull and rainy over Scotland and the west of Norway, showery in the east of England, fine and bright in the south of France.
Rain has again fallen except in the northwest; at Faerden the fall has been large, and in several parts of our Islands considerable. Thunder and lightning have occurred in many localities

SEA

Rough at the Channel stations, slight in the north, very smooth in the northwest.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow disturbances continue to cross our Islands from the westward, causing showery weather, but a recovery of pressure is now in progress in the southwest. Settled weather, however, is not at all probable at present.

FORECASTS

For the 24 hours ending at NOON on 13TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. and NW. winds; rainy to fair, cold tonight.
1	SCOTLAND EAST	
2	ENGLAND N.E.	SW. breezes, and showery weather, then NW.; finer, cool at night.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Wind becoming NW.; showery to fine and cool, not settled.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW. breezes, moderating, showery to fair.
9	IRELAND NORTH	NW. breezes, moderate; showery to fair, not settled.
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 S.W.). Should it appear likely that a gale beginning from between W. and S.W. is likely to veer towards N. or N.E. the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.36	70	59	ENE.	3	o	2
Sumburgh Head	29.38	61	59	ENE.	2	c	4
Stornoway	29.30	60	56	S	2	c	2
Aberdeen	29.29	59	58	ESE.	2	cm.	1
Shields	29.28	56	55	NE.	2	r	2
Ardrossan	29.30	63	59	WSW	2	b	2
Malin Head ...	29.32	58	55	ENE.	1	b	1
Belmullet	29.44	61	56	W	2	bc	*
Holyhead	29.39	61	57	SW	3	bc	2

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.32	63	56	SSE.	2	c	3
Scilly	29.46	64	59	SSW	4	c	4
Jersey	29.59	63	58	W	5	bc	4
Hurst Castle ...	29.48	63	61	W	6	bc	5
Dungeness ...	29.41	63	58	W	7	bc	6
North Foreland	29.40	60	58	WSW	6	r	4
London (Westminster)	29.39	69	58	SSW	4	c	*
Yarmouth ...	29.32	58	56	WNW	4	c	3
Rochefort ...	29.81	64	60	W	5	c	*

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

Weather in morning fine and bright (1) over Lapland and Sweden (2) over southeastern Europe, Algeria and many parts of the Mediterranean; cloudy, showery and very changeable over the United Kingdom and northwestern Europe generally. Rain falling subsequently over almost the whole of the last named regions — amounts large at Fraeder, and very considerable in Denmark, as well as at Parsonstown and several of the southern stations.

Temperature in morning highest 80° or more at Athens, Brindisi, Tunis, Algiers and Palma, and exceeding 70° over the Mediterranean generally, as well as in some parts of Finland. Lowest 46° at Archangel, 54° at Loughborough, 55° at Stornoway, Nairn, Malin Head and Cape Gris Nez. Rising later to between 65° and 70° over the greater part of the British Islands, 71° at Paris, 73° at Berlin, and 84° to 85° in the south of France.

Wind W. & NW. over France and the south of our Islands, and blowing a moderate gale in some parts of the Channel; SE. and light over central and northern Europe, E. over Denmark, very variable elsewhere. A well-marked cyclonic circulation, however, over the Gulf of Genoa and northeastern parts of the Mediterranean generally. Backing to SE. and S. over the southwest of England later and blowing a fresh gale from WSW. in the Straits of Dover.

Barometer Highest (1) 30.0 ins. and more to 29.8 ins. over the Spanish Peninsula and southwest of France; (2) 29.9 ins. and more to 29.8 ins. over the southern half of Russia. Lowest 29.3 ins. and less off our northwestern coasts; below 29.2 ins. in a small depression near the Helder; and below 29.7 ins. over the Riviera and Corsica. New depression approaching the southwest of Ireland later — that near Holland advancing northeastwards.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 13th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29·64	59	E	2	c	29·62	− ·11	57	53	− 7	SE	4	o	*	b	*	72	54	—
	Hernösand ...	29·42	60	E	4	r	29·52	+ ·02	63	57	− 3	SSW	6	bc	*	r	*	72	54	0·32
	Stockholm ...	29·53	60	S	2	b	29·57	+ ·27	63	59	+ 1	SSW	2	c	*	b	*	70	59	0·04
	Wisby	29·62	61	SSW	4	b	29·63	+ ·21	64	59	+ 1	SW	4	c	*	b	*	68	57	0·04
	Bodö	29·51	69	E	4	b	29·46	− ·11	66	?	− 3	E	4	bc	2	b	*	75	59	—
	Christiansund ...	29·14	65	ENE	8	o	29·29	+ ·06	64	58	− 4	SSW	2	c	2	o	*	68	61	—
	Skudesnaes ...	29·11	59	SSE	9	o	29·33	+ ·32	58	56	− 6	S	8	o	6	o	*	64	55	?
	Færder (Christiania Fjord)	29·34	62	SW	6	b	29·49	+ ·40	61	59	− 1	SSW	6	o	4	b	*	63	59	—
	Skagen (The Scaw)	29·37	58	SW	2	c	29·53	+ ·41	58	57	− 2	SW	2	o	0	c	*	64	52	0·20
	Fanö	29·43	59	WSW	6	c	29·58	+ ·33	60	57	+ 1	WSW	6	b	*	c	*	66	57	0·04
	Sumburgh Head	29·01	57	N	2	o	29·11	+ ·03	59	58	+ 3	NE	1	o	3	r, o	*	59	53	0·31
	Stornoway ...	29·26	55	NE	4	r	29·15	− ·11	55	55	− 1	N	4	r	4	r	0·0	56	49	0·85
	Wick	29·09	55	NW	2	o	29·16	− ·01	57	55	+ 3	W	1	o	1	or	*	57	53	1·03
	Nairn	29·17	54	W	1	r	29·17	− ·02	56	55	0	SW	2	o	1	r	*	58	51	1·04
	Aberdeen ...	29·13	55	WSW	5	orgq	29·24	+ ·11	60	54	+ 5	SW	2	bc	1	ogrq	0·0	61	53	0·43
British Islands.	Leith	29·21	59	W	3	r	29·32	+ ·13	59	55	− 1	SW	3	o	*	r	*	69	53	0·04
	Shields	29·26	67	SW	4	bc	29·42	+ ·20	62	56	+ 2	SW	4	bc	2	b, bc	*	70	52	—
	Spurn Head ...	29·36	62	WSW	5	bc	29·54	+ ·27	62	55	+ 2	SW	4	bc	3	bcpq, b	*	66	53	—
	York	29·36	63	W	3	b	29·51	+ ·23	59	54	0	WSW	4	b	*	b	*	71	51	—
	Loughborough ...	29·45	64	W	6	b	29·59	+ ·28	57	54	+ 1	SSW	4	c	*	ptlq, b	*	70	53	0·11
	Ardrossan ...	29·28	62	WNW	5	bc	29·36	+ ·12	55	54	− 5	SW	4	op	4	b, bc	*	68	54	0·31
	Malin Head ...	29·32	60	WNW	4	b	29·27	− ·02	55	54	− 2	WSW	3	op	2	b	*	61	53	0·10
	Belmullet ...	29·43	60	W	1	b	29·49	+ ·13	56	54	+ 1	WNW	1	o	*	b	*	62	52	0·06
	Donaghadee ...	29·36	56	NW	3	bc	? 29·39	+ ·09	60	57	+ 3	WSW	4	bc	2	bc	*	62	55	0·11
	Liverpool (Bidston)	29·43	61	SW	5	b	29·52	+ ·21	59	54	− 2	SSW	2	bc	3	b	*	63	52	0·02
	Holyhead ...	29·42	58	SW	6	c	29·51	+ ·19	58	56	+ 2	SW	3	bc	2	bcp, c	*	63	53	0·03
	Parsonstown ...	29·44	59	SE	1	c	29·52	+ ·15	54	52	− 1	SW	1	bc	*	c	5·6	63	47	0·02
	Valencia ...	29·47	56	SW	2	cp	29·56	+ ·14	56	53	− 1	W	2	c	3	o, cp	4·0	59	48	0·21
	Roche's Point ..	29·50	59	W	5	bc	29·56	+ ·12	57	54	− 1	NW	2	b	2	bc	*	63	50	—
	Pembroke (St. Ann's Hd.)	29·51	58	WSW	6	bc	29·51	+ ·14	57	54	+ 2	WSW	4	b	4	bc	9·5	60	54	—
	Scilly	29·62	57	W	5	cp	29·59	+ ·10	62	58	+ 5	SW	3	cp	4	cp	9·4	64	54	0·05
	Prawle Point ...	29·63	58	W	6	bc	29·63	+ ·22	55	54	− 2	SW	2	c	1	c, pq	*	60	53	0·05
	Jersey (St. Aubin's)	29·73	62	W	6	bc	29·71	+ ·20	61	57	+ 1	SSW	4	cq	3	bc	*	63	57	—
	Hurst Castle ...	29·61	62	WSW	? 7	c	29·64	+ ·30	59	58	− 2	SSW	4	op	4	bc, c	*	64	55	0·02
	Dungeness ...	29·54	61	W	7	bc	29·69	+ ·36	61	57	+ 2	WSW	6	c	5	o, bc	*	65	57	—
	North Foreland	29·53	59	W	5	bcpq	29·69	+ ·37	62	59	+ 4	SW	4	bcq	4	c, bcpq	*	67	52	0·16
	London (Brixton) ...	29·54	66	WSW	3	c	29·66	+ ·36	60	55	+ 1	SW	3	bc	*	cp, b	6·6	67	53	0·08
	Oxford	29·58	59	SW	3	c	29·63	+ ·32	58	55	0	SW	3	c	*	c, p	*	66	53	0·02
	Cambridge ...	29·48	62	SSW	2	r	29·64	+ ·35	61	56	+ 1	SSW	5	bc	*	r	5·3	69	51	0·02
	Yarmouth ...	29·45	58	W	3	c	29·64	+ ·33	59	56	+ 2	SW	5	bc	3	tlsh, c	*	64	53	0·54
Germany & Holland.	Cuxhaven ...	29·41	60	SW	4	bc	29·7	+ ·27	60	59	− 2	SW	5	bc	*	bc	*	65	59	0·08
	Berlin	29·67	60	W	3	c	29·86	+ ·19	63	56	− 1	W	4	b	*	c	*	77	57	0·32
	Wiesbaden ...	*	*	*	*	*	29·95	+ ·26	61	56	+ 4	SW	4	c	*	*	*	70	52	—
	Munich	29·92	56	SW	5	c	30·06	+ ·15	64	58	+ 7	W	4	b	*	c	*	73	54	0·12
	The Helder ...																*			
France & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*									*		*			
	Cape Gris Nez ...	29·58	59	W	6	b	29·69	+ ·33	59	57	+ 4	SW	5	o	5	b	*	66	50	—
	Paris	29·79	63	WSW	3	o	29·88	+ ·28	58	55	− 2	S	2	b	*	o	*	71	51	0·04
	Brest	?	59	SW	3	c	?	?	57	56	0	SW	3	o	4	c	*	63	55	0·24
	Lorient	29·87	62	SW	4	c	29·72	+ ·10	58	57	0	SSW	5	o	5	c	*	64	55	0·08
	Rochefort ...	29·91	64	W	5	c	29·86	+ ·06	63	60	+ 1	SW	4	o	*	c	*	68	59	—
	Belfort														*		*			
	Lyons	29·88	69	WNW	3	c	29·93	+ ·09	64	59	0	ESE	1	b	*	c	*	79	55	—
	Nice	29·90	67	SW	4	f	29·96	+ ·12	69	65	+ 1	S	1	b	0	f	*	79	61	—
	Perpignan ...	29·88	75	2	0	o	29·91	+ ·06	70	66	+ 1	NE	2	b	*	o	*	82	58	—
	Biarritz ...	29·93	66	W	3	o	29·88	·00	64	60	− 2	SSE	2	bc	5	o	*	72	59	
Peninsula.	Corunna ...														*		*			
	Lisbon	30·10	64	WNW	3	b	30·06	− ·04	66	62	− 2	SSW	3	c	*	b	*	91	61	—
	Azores (P. Delgada)	30·34	69	NW	1	c	30·38	+ ·09	70	68	+ 2	NNW	3	c	1	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 roof of the Meteorological Office Westminster.*

WEATHER CHARTS

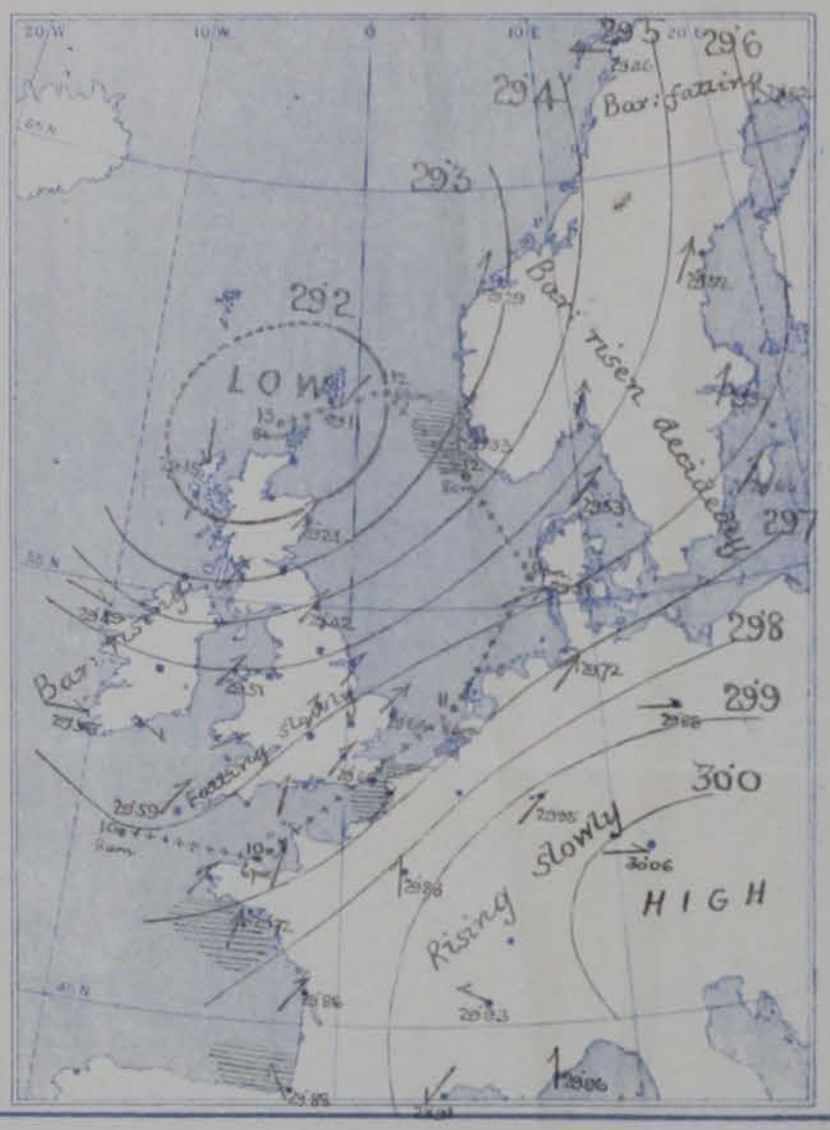
FOR FRIDAY, 13TH JULY, 1894.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

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

SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

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

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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90.)				RAINFALL. (25 years 1866–90.) (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90.)	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·6	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·829	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·909	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·54	—	—
Jersey	30·001	62·9	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·0 ins. and more to 29.8 ins. over Switzerland, Germany and France.
Lowest 29.2 ins. and less in a depression lying over the Shetlands and north of Scotland and below 29.6 ins. in a shallow secondary system at the mouth of the St. George's Channel.
Gradients somewhat steep over the North Sea and English Channel, moderate and variable in the west.
Barometer falling over England, rising in Ireland.

TEMPERATURE

Highest 70° at Perpignan, and exceeding 60° at nearly all the Continental stations (66° at Berlin)
Lowest 55° at Malin Head and Ardrossan, 54° at Parsonstown, 56° to 57° at several other western stations.
The maxima recorded yesterday slightly exceeded 70° over some parts of our northern counties, that at Paris was 71°, at Berlin 77°, and that at Perpignan 84°.

WIND

Very variable, and light over the north of Scotland, light W. to NW. over Ireland, fresh to moderate from SW. and S. in most other places — strong over Scandinavia.
It has varied greatly in direction between NW., W. and S. over the British Islands during the past 24 hours.

WEATHER

Continues in a very changeable condition — with showers in many places, and a solar halo at Aspatria.
Thunderstorms have occurred over parts of our Midland and eastern counties.
Heavy rains (more than an inch) have fallen in the north of Scotland.

SEA

Rough off Ushant and in the Channel, moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the north seems to be filling up, that in the southwest is moving eastwards. Showery weather is still probable, but the type of pressure-distribution is less unsettled than that of the past few days.

FORECASTS

For the 24 hours ending at NOON on 14TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying and SW. breezes; weather very changeable, some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	SW. breezes; weather very showery, but improving towards night
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos. 0 to 2.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Varying NW. to SW. breezes, weather very changeable.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·02	63	59	SE	6	c	4	Valencia	29·48	59	55	SW	4	o	4
Sumburgh Head	29·04	57	57	NE	3	r	4	Scilly	29·61	64	59	WSW	5	c	4
Stornoway	29·25	56	56	NE	4	r	4	Jersey	29·69	63	57	W	6	b	5
Aberdeen	29·13	54	53	W	6	orqq	4	Hurst Castle ...	29·53	63	60	SW	6	be	4
Shields	29·22	69	61	SW	5	b	2	Dungeness ...	29·43	62	58	W	7	o	6
Ardrossan	29·25	66	61	WNW	4	b	3	North Foreland	29·43	63	61	W	4	c	3
Malin Head ...	29·32	61	56	NW	4	b	1	London (Westminster)	29·44	67	59	W	3	op	*
Belmullet	29·41	60	55	WNW	1	bo	*	Yarmouth ...	29·36	60	58	L	0	cp	2
Holyhead	29·40	61	56	SW	4	bcp	3	Rochefort ...	29·90	62	59	W	4	o	*

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

Weather in morning fine and bright over southeastern and southwestern Europe, and many parts of the Mediterranean; very changeable and unsettled over the northern countries, with rain at several stations. Showers falling during the day over all the last named regions, and heavy rain (more than an inch) in the north of Scotland; thunderstorms over our Midland and eastern counties.

Temperature in morning exceeding 80° at most of the Algerian stations, 88° at Brindisi, 80° at Palermo, exceeding 60° over the Continent as a whole, 69° at Bodö, 68° at Moscow, 67° at Kiev, Nagahuwassand Hangö. Lowest 54° at Wick, 55° at Aberdeen, Belmullet and Parsonstown, 57° at Limoges and Munich. Rising later to slightly above 70° in the north of England, to 71° at Paris, 77° at Berlin, 79° at Nice, and 81° at Perpignan.

Wind N. in Scotland, W. over Ireland and England, SW. and strong over the Channel, France and the eastern shores of the North Sea, but E. over Finland and the north of Scandinavia. Backing to the SW. at Valencia later, and decreasing in force over the Channel.

Barometer highest 30.1 ins. and more to 29.9 ins. over the Spanish Peninsula, and also over the south of Russia, exceeding 29.9 ins. over nearly the whole of S. and SE. Europe, and exceeding 29.7 ins. over Lapland and the N. of Russia. Lowest about 29.0 ins. in a depression lying over the northern parts of the German Ocean, and low over NW. Europe generally. Rising over central Europe and the North Sea later, but inclining to fall again at Valencia.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday 14th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather	Hours of Bright Sunshine.	Temp.		Rainfall
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.58	59	NNE	2	b	29.60	−.02	63	59	+6	SSW	2	b	≡	b	*	64	48	—
	Hernösand ...	29.56	62	S	4	bc	29.59	+.07	62	59	−1	S	2	bc	*	bc	*	72	61	—
	Stockholm ...	29.68	59	SW	2	b	29.77	+.20	62	57	−1	W	4	c	*	b	*	70	57	0.16
	Wisby	29.78	63	WSW	4	bc	29.88	+.25	62	59	−2	WSW	4	b	*	bc	*	72	54	—
	Bodö	29.44	63	E	1	c	29.53	+.07	58	57	−8	SSW	1	o	2	c	*	66	55	0.08
	Christiansund ...	29.51	62	WNW	1	o	29.65	+.36	62	59	−2	L	o	o	1	o	*	68	59	0.12
	Skudesnaes ...	29.44	59	S	8	bc	29.68	+.35	60	58	+2	SSE	6	c	?	o,bc	*	61	57	?
	Færder (Christiania Fjord)	29.62	62	WSW	6	b	29.66	+.17	61	57	o	W	4	b	3	b	*	64	59	—
	Skagen (The Scaw)	29.70	66	W	2	bc	29.71	+.24	58	56	o	SW	1	b	o	bc	*	66	50	0.08
	Fanö	29.73	59	WSW	4	b	29.72	+.14	59	57	−1	SE	2	c	*	b	*	66	55	—
	Sumburgh Head	29.24	57	SW	1	r	29.34	+.23	56	55	−3	L	o	o	2	o,r	*	62	53	0.02
	Stornoway ...	29.34	57	E	3	m	29.53	+.38	54	54	−1	N	4	r	4	o,m	0.0	58	50	0.20
	Wick	29.33	55	W	2	r	29.47	+.31	56	55	−1	NW	3	d	2	r	*	61	53	0.42
	Nairn	29.37	60	W	1	c	29.49	+.32	56	56	o	WSW	2	r	1	c	*	66	53	0.12
	Aberdeen ...	29.38	61	SSW	4	cq	29.51	+.27	61	55	+1	W	1	c	1	p,cq	5.6	69	55	0.02
British Islands.	Leith	29.43	60	SW	1	o	29.54	+.22	62	57	+3	WSW	3	c	*	o	*	67	53	—
	Shields	29.47	67	SW	4	c	29.58	+.16	64	58	+2	SW	2	bc	2	c	*	68	48	—
	Spurn Head ...	29.55	61	SSW	4	cv	29.62	+.08	61	56	−1	SSW	2	b	3	b,cv,t	*	69	53	—
	York	29.53	62	W	2	c	29.62	+.11	58	54	−1	SW	1	b	*	t r,c	*	67	48	0.05
	Loughborough ...	29.56	62	S	1	c	29.66	+.07	58	57	+1	SSW	2	bcv	≡	c p t t	*	71	47	0.06
	Ardrossan ...	29.42	58	S	3	cp	29.56	+.20	57	56	+2	SW	3	o	3	cp	*	59	54	0.01
	Malin Head ...	29.39	57	W	3	o	29.57	+.30	55	55	o	N	4	c d m	2	o	*	58	54	0.19
	Belmullet ...	29.52	55	NW	1	r	?29.64	+.15	55	54	−1	NW	3	om	*	r	*	57	54	0.51
	Donaghadee ...	29.45	60	SW	3	c	29.58	+.19	56	55	−4	SE	3	c	1	c	*	68	55	0.07
	Liverpool (Bidston)	29.53	64	WSW	3	b	29.61	+.09	62	55	+3	SE	1	c	2	b	*	66	49	—
	Holyhead ...	29.53	58	SW	5	b	29.60	+.09	59	56	+1	SW	2	c	1	b	*	62	53	—
	Parsonstown ...	29.52	57	L	o	o	29.63	+.11	55	55	+1	?	2	or	*	o	0.0	64	55	0.36
	Valencia ...	29.63	56	NW	4	r	29.78	+.22	56	55	o	NW	6	apqm	5	og,r	4.4	60	54	0.35
	Roche's Point ..	29.58	59	NW	3	cp	29.67	+.11	57	55	o	NNW	4	r	3	cp	*	61	53	0.40
	Pembroke (St. Ann's Hd.)	29.58	58	WSW	3	b	29.62	+.11	57	55	o	WSW	2	og	2	b	12.5	61	54	0.01
	Scilly	29.62	62	WSW	3	c	29.67	+.08	57	56	−5	WNW	2	op	4	cp	10.2	64	56	0.16
	Prawle Point ...	29.64	58	WSW	3	bc	29.68	+.05	60	57	+5	W	3	b	2	bc	*	61	53	—
	Jersey (St. Aubin's)	29.70	63	SW	4	bc	29.73	+.02	58	55	−3	WSW	4	cg	3	bcp	*	64	54	0.46
	Hurst Castle ...	29.64	62	SW	3	c	29.66	+.02	60	57	+1	WSW	2	cp	2	c	*	64	57	0.60
	Dungeness ...	29.66	60	WSW	4	c	29.69	.00	61	57	o	WSW	2	c	1	c	*	66	56	—
	North Foreland	29.66	61	SW	2	c	29.70	+.01	60	58	−2	S	2	cp	2	c	*	66	51	—
	London (Brixton) ...	29.63	61	SSW	2	bc	29.69	+.03	61	56	+1	WSW	1	bc	*	cp,b	4.1	66	49	0.36
	Oxford	29.63	58	SSW	2	bc	29.68	+.05	57	54	−1	SSW	1	o	*	p,bc	*	65	51	0.13
	Cambridge ...	29.61	61	SSE	2	b	29.69	+.05	56	54	−5	SSW	1	o	*	b	6.7	67	47	0.06
	Yarmouth ...	29.62	63	SSW	3	cv	29.68	+.04	54	53	−5	WSW	3	c	2	cp,cv	*	65	50	0.09
Germany & Holland.	Cuxhaven ...	29.74	61	SW	3	c	29.74	+.02	62	60	+2	SSW	3	c	*	c	*	66	60	0.12
	Berlin	29.87	69	W	1	b	29.82	−.04	66	60	+3	SW	3	c	*	b	*	79	61	—
	Wiesbaden ...	*	*	*	*	*	29.83	−.12	61	59	o	L	o	r	*	*	*	73	57	—
	Munich	29.91	64	NE	4	b	29.87	−.19	68	63	+4	SE	5	b	*	b	*	73	57	—
	The Helder ...	29.76	62	SSW	1	o	29.75		61	58		WSW	2	bc	2	o	*	66	57	—
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.77		58	56		WSW	1	o	≡	b	*	71	52	0.08
	Cape Gris Nez ...	29.67	60	SSW	1	o	29.69	.00	58	58	−1	S	1	bc	1	o	*	68	62	—
	Paris	29.78	60	WSW	2	c	29.80	−.08	57	55	−1	S	1	o	*	c	*	73	54	0.16
	Brest	?	61	W	3	bc	?	?	58	56	+1	W	3	r	2	bc	*	63	55	—
	Lorient	29.75	61	SW	4	c	29.77	+.05	57	55	−1	W	5	c	4	c	*	66	54	0.28
France &	Rochefort ...	29.85	64	W	4	o	29.86	.00	60	57	−3	W	4	c	*	bf,o	*	?	?	—
	Belfort														*		*			
	Lyons														*		*			
	Nice	29.95	70	SW	2	c	29.85	−.11	68	63	−1	E	1	c	o	c	*	79	64	—
	Perpignan ...	29.74	80	NE	3	b	29.89	−.02	65	57	−5	W	4	o	*	b	*	93	63	—
	Biarritz ...	29.88	67	NNW	4	o	29.95	+.07	60	57	−4	W	5	r	4	o	*	77	57	0.43
Peninsula.	Corunna ...														*		*			
	Lisbon	30.12	63	NNW	4	b	30.18	+.12	65	59	−1	NNW	4	c	*	b	*	72	59	—
	Azores (P. Delgada)	30.44	68	N	3	c	30.45	+.07	68	66	−2	NE	3	c	1	c	*	75	66	0.04

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR SATURDAY, 14TH JULY, 1894.

BAROMETER, WIND AND SEA.

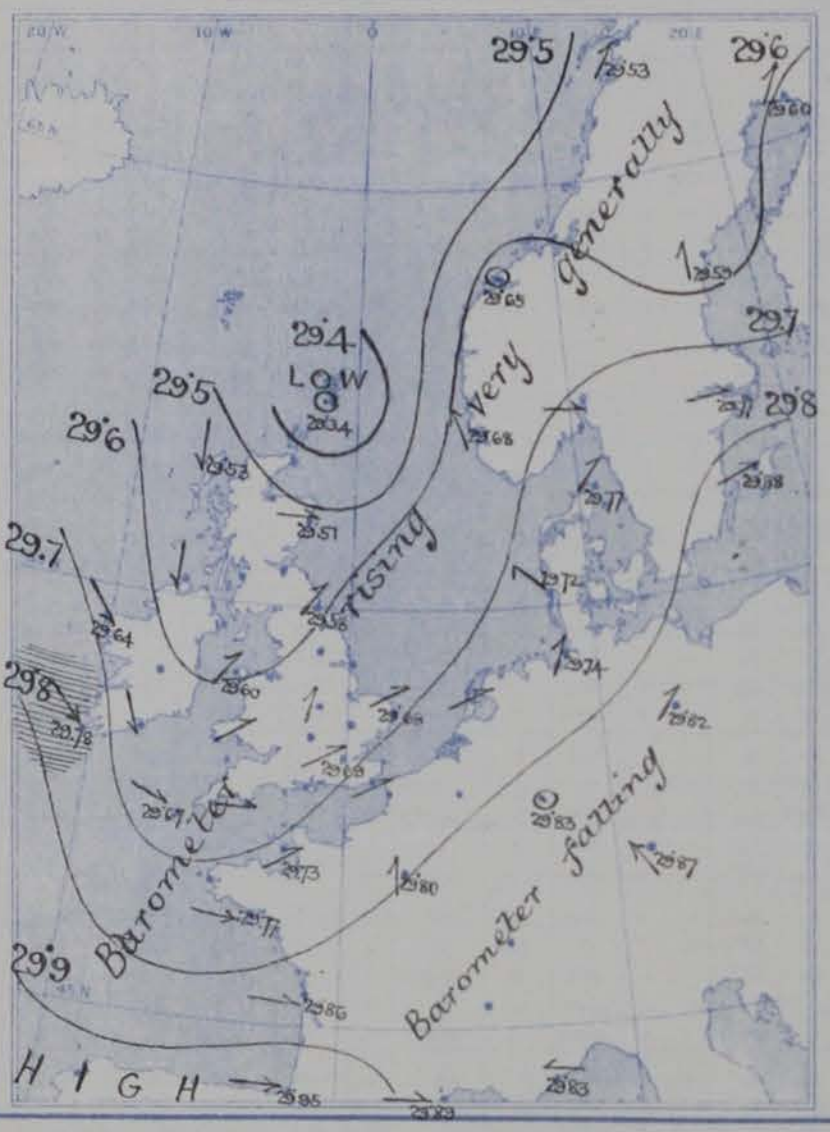
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▒ ; High ▓



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90)				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum		Hours	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·97	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	53·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·20	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	137·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·9	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·1	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·9	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more to 29.9 ins. over the Peninsula and southwest of France; 29.8 ins. and more over the Baltic
Lowest 29.4 ins. and less in a depression over the Shetlands, and below 29.7 ins. all over England.
Gradients moderate, but distribution of pressure was complex.
Barometer falling over Germany, rising elsewhere.

TEMPERATURE

Highest 68° at Nice and Munich, 66° at Berlin, 64° at Shields, 62° to 63° at the Swedish stations.
Lowest 54° at Stornoway, 55° in the northwest of Ireland, 56° at Sumburgh Hd., 57° at Scilly.
A maximum of 71° was recorded at Loughborough yesterday, and 69° at York. At Paris the maximum was 73°, at Nice 79°, and at Perpignan 93°.

WIND

Moderate from N. and NW. on the western coasts of our Islands, from W. over the Bay of Biscay and western parts of the Channel, from SW. and S. at our southeastern stations, and on the eastern shores of the North Sea.

WEATHER

Very showery over Ireland and the west of Scotland, changeable and unsettled elsewhere, but with considerable intervals of clear sky.
Rain fell yesterday at nearly all stations, and in several places the fall was considerable.
Thunderstorms occurred in the north and northeast of England.

SEA

Rather rough in the far west, slight or smooth in most other places.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The changes of pressure now in progress are not very decided. There is no indication of settled weather at present.

FORECASTS

For the 24 hours ending at NOON on 15TH JULY. 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying and NW. by W. breezes, showery to fair.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	SW. by W. breezes, afterwards veering to NW, not settled, some showers at times.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	NW. by W. breezes, moderate, showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	NW. by W. and N. by W. breezes, rain at times, colder, thunder locally.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.49	60	57	S	6	o	6
Sumburgh Head	29.26	61	59	NW	1	o	3
Stornoway	29.24	58	58	E.	3	o	3
Aberdeen	29.33	63	56	SSW	4	cq	3
Shields	29.46	65	58	SW	4	c	2
Ardrossan	29.39	57	56	S	4	o	3
Malin Head ...	29.37	54	54	WSW	4	o	2
Belmullet	29.51	55	53	NW	1	r	*
Holyhead	29.53	61	56	SW	4	b	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.60	58	55	W	4	og	4
Scilly	29.62	64	59	SW	4	cp	4
Jersey	29.68	63	59	SW	5	c	4
Hurst Castle ...	29.64	62	60	SW	4	c	4
Dungeness ...	29.69	63	59	SW	4	c	3
North Foreland	29.66	65	60	SW	3	bc	4
London (Westminster)	29.64	61	58	SW	4	op	*
Yarmouth ...	29.64	63	60	WSW	4	cp	3
Rochefort ...	29.84	69	61	SW	5	bc	*

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

Weather in morning fine and bright over all the southern and eastern part of the Continent, cloudy, changeable and unsettled in the west and north, with rain in several places. Rain falling later at most stations in the last named regions — heavily in some places; thunderstorms occurring in the north of England.

Temperature in morning 90° at Brindisi, and exceeding 80° at many of the Mediterranean stations; exceeding 60° over the Continent generally. Lowest 55° at Malin Head and Stornoway, 56° at Valencia and Nairn, 57° at Wick, Pembroke and Havre, 58° at Paris. Rising later to between 65° and 71° over our Islands, to 70° and more in Sweden, to 73° at Paris, 79° at Nice, and 93° at Perpignan.

Wind moderate from the N^W. at Stornoway, light from the W^ly. in Ireland, but SW^ly. to S^ly. over the northwestern countries of Europe, as a whole, and blowing freshly in many places, and a gale at Skudesnaes. Light and very variable over the eastern and southern countries.

Barometer highest 30.0 ins. and more to 29.8 ins. over the whole of southwestern, southern and eastern Europe, as a whole, but a local disturbance found over Hungary. Lowest 29.2 ins. and less in a depression over the Shetlands and north of Scotland, and below 29.6 ins in a shallow secondary off our southwest coasts. Rising over our Islands later, falling over France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 15th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Faht. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather	Sea (0 to 6.)	Weather.	Hours of Bright Sunshine	Max.	Min.	Rainfall
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.61	61	S	2	o	29.67	+ .07	66	60	+ 3	SSW	2	c	*	o	*	70	57	—
	Hernösand ...	29.69	62	W	2	c	29.77	+ .18	65	58	+ 3	SW	2	b	*	c	*	75	54	—
	Stockholm ...	29.83	63	SW	2	c	29.76	— .01	64	59	+ 2	E	2	o	*	c	*	72	54	—
	Wisby	29.88	63	S	4	bc	29.67	— .21	62	60	0	ESE	4	r	*	bc	*	73	57	0.08
	Bodo	29.62	57	E	0	r	29.71	+ .24	54	52	— 4	SW	4	o	2	r	*	59	52	0.63
	Christiansund ...	29.75	63	WSW	1	c	29.77	+ .12	62	58	0	NE	4	?	2	c	*	64	57	—
	Skudesnaes ...	29.75	60	SSE	4	c	29.73	+ .05	62	58	+ 2	ESE	1	o	2	oc	*	63	57	?
	Færder (Christiania Fjord)	29.77	65	SSW	2	bc	29.71	+ .05	60	58	— 1	NNE	4	r	1	bc	*	64	59	0.08
	Skagen (The Scaw)	29.71	60	ENE	1	r	29.65	— .12	60	59	+ 2	E	1	o	4	r	*	68	54	0.04
	Fano	29.70	60	WNW	2	c	29.65	— .07	60	56	+ 1	W	3	c	*	c	*	70	57	—
	Sumburgh Head	29.55	57	S	1	o	29.64	+ .30	57	57	+ 1	?	0	r	1	o	*	58	53	0.04
	Stornoway ...	29.64	54	NW	5	o	29.75	+ .22	54	53	0	NW	4	c	4	o	0.0	56	50	0.10
	Wick	29.60	54	NW	4	o	29.70	+ .23	55	55	— 1	NW	4	r	2	o	*	57	52	0.10
	Nairn	29.59	58	?	o	c	29.72	+ .23	55	54	— 1	WSW	2	c	1	c	*	59	51	0.16
	Aberdeen ...	29.61	58	E	1	opq	29.72	+ .21	55	52	— 6	WNW	4	ogq	3	opq	0.2	65	54	0.49
British Islands.	Leith	29.61	62	SW	1	r	29.73	+ .19	57	55	— 5	W	2	o	*	r	*	65	55	0.01
	Shields	29.62	61	ESE	2	o	29.72	+ .14	57	57	— 7	WNW	1	d	2	cp.o	*	66	54	0.02
	Spurn Head ...	29.63	60	SE	3	b	29.72	+ .10	61	57	0	WNW	3	b	2	bp.b	*	67	54	0.01
	York	29.63	61	NNW	1	o	29.76	+ .14	59	55	+ 1	NNW	1	o	*	o	*	70	50	—
	Loughborough ...	29.66	68	WSW	3	bc	29.80	+ .14	57	55	— 1	WNW	3	o	*	bc	*	73	52	—
	Ardrossan ...	29.64	58	WNW	4	o	29.78	+ .22	58	55	+ 1	WNW	4	c	3	o	*	61	54	—
	Malin Head ...	29.71	55	NNW	5	o	29.85	+ .28	53	51	— 2	NNW	5	om	2	o	*	56	52	0.02
	Belmullet ...	29.87	56	NW	2	o	29.95	+ .31	55	52	0	W	2	o	*	o	*	57	52	0.01
	Donaghadee ...	29.71	55	NNW	5	r	29.85	+ .27	55	53	— 1	NW	5	o	3	r	*	60	55	0.03
	Liverpool (Bidston)	29.68	59	WNW	2	o	29.82	+ .21	55	52	— 7	WNW	5	o	5	o	*	68	49	—
	Holyhead ...	29.70	57	W	1	pg	29.88	+ .28	55	54	— 4	NW	4	od	3	c,pg	*	65	53	0.05
	Parsonstown ...	29.87	57	NW	2	o	29.95	+ .32	54	51	— 1	SW	1	o	*	o	0.0	64	45	—
	Valencia ...	29.91	58	WNW	6	o	30.01	+ .23	57	52	+ 1	WNW	1	og	2	o	1.2	58	54	0.02
	Roche's Point ...	29.83	58	NNW	4	o	29.98	+ .31	57	53	0	NNW	4	c	3	o	*	60	53	0.01
	Pembroke (St. Ann's Hd.)	29.72	57	NW	3	o	29.93	+ .31	55	51	— 2	NW	4	og	4	o	3.5	61	54	0.06
	Scilly	29.80	59	WNW	5	op	29.98	+ .31	58	56	+ 1	NW	5	o	4	opm	0.2	59	55	0.14
	Prawle Point ...	29.71	58	W	3	o	29.94	+ .26	58	56	— 2	NW	3	op	2	op	*	62	55	0.02
	Jersey (St. Aubin's)	29.76	61	W	3	c	29.94	+ .21	62	59	+ 4	WNW	4	cm	3	cpg	*	64	57	0.02
	Hurst Castle ...	29.71	61	SW	2	cw	29.85	+ .19	61	59	+ 1	NW	3	o	2	cw	*	64	55	—
	Dungeness ...	29.69	61	WSW	4	bc	29.81	+ .12	61	58	0	W	2	b	1	bc	*	65	52	—
	North Foreland	29.70	60	S	2	bc	29.79	+ .09	61	58	+ 1	WNW	3	b	2	bc,pt	*	63	52	0.32
	London (Brixton) ...	29.69	61	SW	3	bc	29.83	+ .24	59	55	— 4	SW	2	o	*	bc,qt,tr	8.3	64	51	0.22
	Oxford	29.71	61	SSW	1	b	29.84	+ .16	56	55	— 1	W	1	ow	*	b	*	70	53	—
	Cambridge ...	29.67	65	SSW	2	b	29.80	+ .11	58	56	+ 2	W	1	r	*	b	?	69	50	0.07
	Yarmouth ...	29.68	63	S	2	bc	29.76	+ .08	61	59	+ 7	WNW	3	b	2	bc	*	68	50	—
Germany & Holland.	Cuxhaven ...	29.69	62	W	2	c	?	?	59	58	— 3	S	1	bc	*	c	*	68	58	0.16
	Berlin	29.71	69	E	0	o	29.78	— .04	63	58	— 3	W	4	bc	*	o	*	75	61	0.22
	Wiesbaden ...	*	*	*	*	*	29.90	+ .07	59	55	— 2	SW	4	c	*	*	*	66	50	0.47
	Munich	29.98	55	SW	4	r	30.01	+ .14	57	55	— 11	S	5	c	*	r	*	81	50	1.50
	The Helder ...	29.76	61	SSW	1	bc	29.80	+ .05	61	58	0	SW	1	bc	1	bc	*	66	57	0.16
France & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.85	+ .08	59	55	+ 1	WSW	3	b	*	r	*	68	47	0.24
	Cape Gris Nez ...	29.70	58	W	4	bc	29.79	+ .10	58	?	0	WSW	2	c	2	bc	*	61	54	—
	Paris	29.89	59	S	1	o	29.89	+ .09	59	57	+ 2	W	1	bc	*	o	*	68	52	0.32
	Brest	?	57	NW	3	r	?	?	57	55	— 1	NW	3	o	3	r	*	63	54	0.12
	Lorient	29.84	59	WNW	6	o	30.00	+ .23	59	56	+ 2	WNW	5	c	4	o	*	63	55	—
	Rochefort ...	29.90	62	W	5	c	30.03	+ .17	60	59	0	WNW	6	b	*	c	*	68	57	0.08
	Belfort														*		*			
	Lyons	29.93	64	S	1	bc	30.02	+ .06	59	55	+ 3	SSE	1	o	*	bc	*	67	55	0.24
	Nice	29.90	70	S	1	o	?	?	66	55	— 2	SW	4	b	3	o	*	79	64	—
	Perpignan ...	29.97	67	W	3	o	30.10	+ .21	66	57	+ 1	NW	3	c	*	o	*	75	62	—
	Biarritz ...	30.04	66	WNW	6	c	30.14	+ .19	61	59	+ 1	WSW	5	r	5	c	*	68	59	0.47
Penin-sula.	Corunna ...														*		*			
	Lisbon	30.20	62	N	6	b	30.19	+ .01	64	56	— 1	N	6	b	*	b	*	72	59	—
	Azores (P. Delgada)	30.48	68	E	0	c	30.45	.00	68	64	0	E	0	c	1	c	*	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR ... SUNDAY, 15th JULY, ... 1894.

BAROMETER, WIND AND SEA.

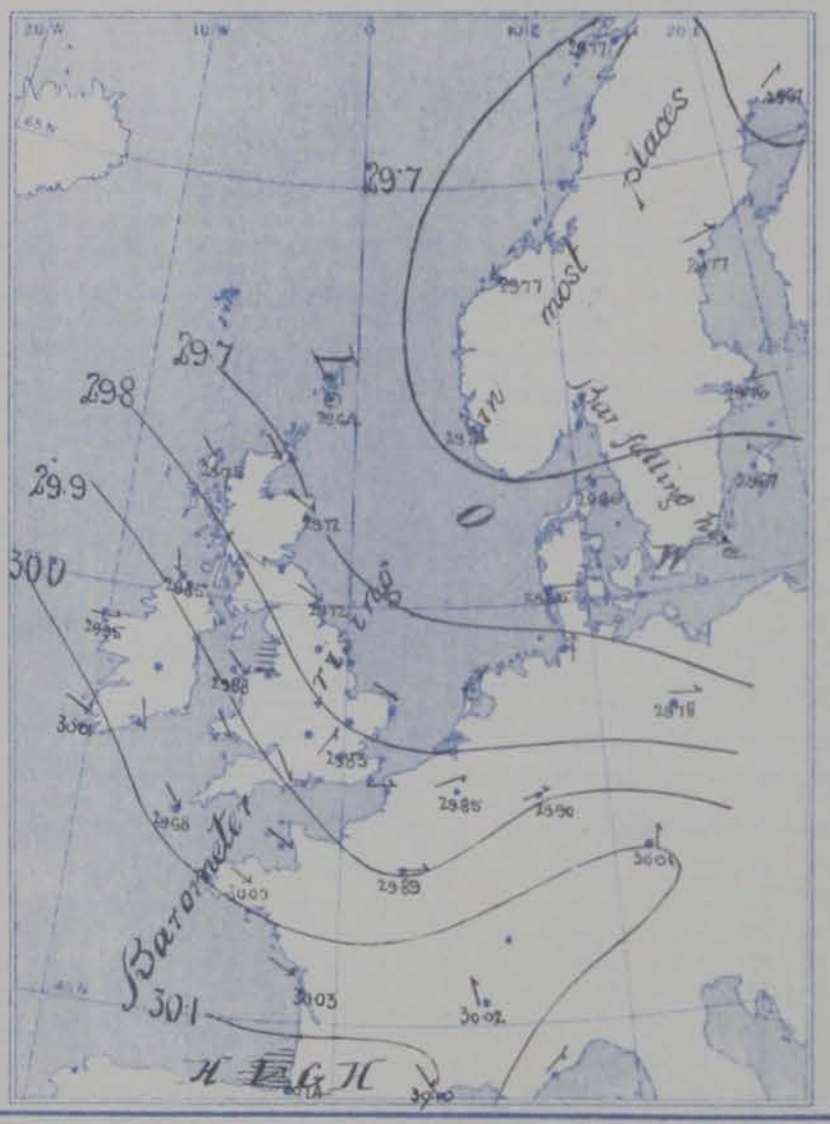
BAROMETER—Isobars are drawn for each tenth of an inch.

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* ▬

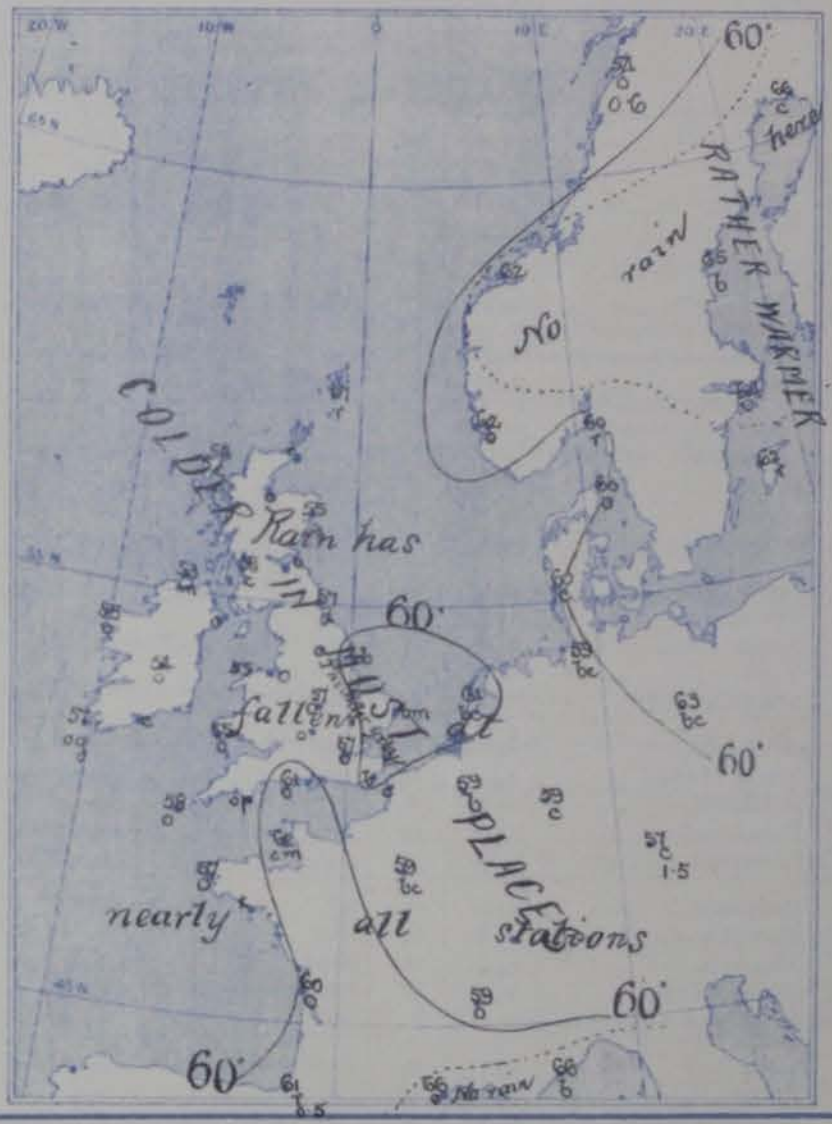


TEMPERATURE & WEATHER.

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.



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90)				RAINFALL. (25 years 1866–90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90).	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·30	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·76	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·86	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·1	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·0	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest (1) 30·2 ins. and more to 30·0 ins: over the Iberian Peninsula and southwest of France, and 30·0 ins: at Valencia (Ireland).
Lowest (1) below 29·7 ins: in the Shetlands, over the northern parts of the North Sea and the Baltic, (2) below 29·9 ins: over the Gulf of Genoa.
Gradients moderate, and mainly favourable for NW. to W. winds over our Islands and France.
Barometer rising over the western countries, falling over the Baltic.

TEMPERATURE

Highest, 67° to 69° over the Peninsula and south of France, and 66° to 69° at the Scandinavian stations as a whole.
Lowest, 53° at Malin Head, and 54° to 57° at the majority of the British and Irish stations.
The maxima recorded yesterday ranged from 70° to 73° over the major part of our inland countries, and were still higher over the Continent.

WIND

Light to moderate from NW. over our Islands generally.
WNW. to W. over France, and fresh on its western coasts.
SW. over Holland. E. over the south of Norway and in the Skagen Rack. The NW. current apparently feeble and varying to W. and SW. at some of our eastern stations.

WEATHER

Cloudy or overcast in most places, with a little rain in some parts of the United Kingdom. Clear, however, along the northeast and east coast of England.
Showers have again fallen in many places and thunder has occurred in several parts of England.

SEA

Moderate at our southwestern stations and at Stornoway, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 16th JULY, 1894.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.72	63	60	SSE	4	o	5
Sumburgh Head	29.52	57	56	S	1	o	3
Stornoway	29.58	56	55	N	4	o	4
Aberdeen	29.57	61	59	S	1	opg	1
Shields	29.60	59	56	E	o	cp	2
Ardrossan	29.61	61	59	W	2	o	2
Malin Head ...	29.67	55	53	NNW	5	o	3
Belmullet	29.80	55	54	WNW	2	o	*
Holyhead	29.66	63	59	NNW	2	c	1

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29.56	57	54	NW	6	org	5
Scilly	29.74	58	57	NW	5	opm	4
Jersey	29.75	63	57	WSW	4	bc	3
Hurst Castle ...	29.68	64	60	SW	3	c	2
Dungeness ...	29.69	64	58	WSW	3	bc	2
North Foreland	29.68	62	60	S	3	bc	3
London (Westminster)	29.61	61	57	SSW	3	op	*
Yarmouth ...	29.68	62	59	S	4	bc	3
Rochefort ...	29.89	66	61	W	4	o	*

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

Weather in morning fine and bright over Algeria, Italy, and southeastern Europe, as well as over the extreme north of Russia; cloudy and unsettled in the British Islands and their neighbourhood, with a little rain in several places. Rain showers later over many parts of the United Kingdom, Germany, and France, thunder in many localities, and a sharp local thunderstorm at Trieste.

Temperature in morning 91° at La Calle, and much above 80° at many of the Algerian and Tunisian stations and in Greece; above 70° on the Mediterranean coasts generally, and above 60° almost all over the Continent. Lowest 54° to 56° in the extreme north of our Islands, 55° at Belmullet and Parcmeloran, 57° at Paris, 58° at Limoges and Brussels. Rising later to more than 100° at Laghouat and Tunis; to 90° and more over Italy.

Wind (1) light and variable over the greater part of the Continent, but mainly E. in the south of France; (2) N. and NW. over Ireland, the west of Scotland, and the Iberian Peninsula, W. over the west of France and English Channel, SSW. to SSE. over the North Sea, S. to SE. over Norway and Denmark. The NW. wind in the west spreading eastwards later, and a small cyclonic circulation setting up over Corsica.

Barometer highest 30·1 ins. and more to 29·9 ins. over the Spanish Peninsula and southern part of the Bay of Biscay; 30·0 ins. and more to 29·9 ins. over the southern half of Russia. Lowest 29·4 ins. and less in a depression over the Shetlands, and below 29·9 ins. over the Balearic Isles and their neighbourhood. New shallow disturbances appearing over Central Europe later, that over north of Scotland filling up.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 **Monday, 16th July,** 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.	
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29·74	63	S	2	b	29·69	+·02	65	61	− 1	ESE	2	0	#	b	#	72	69	-
	Hernösand ...	29·68	62	calm	0	0	29·41	−·36	61	60	− 4	E	6	r	#	0	#	75	55	0·71
	Stockholm ...	29·49	60	SSW	2	f	29·49	−·27	61	59	− 3	SSW	4	r	#	f	#	64	57	0·47
	Wisby	29·64	62	SW	6	b	29·65	−·02	60	57	− 2	SW	8	0	#	b	#	70	57	0·39
	Bodö	29·82	57	NNE	2	b	29·78	−·04	60	55	+ 6	N	2	b	1	b	#	61	52	-
	Christiansund ...	29·72	64	NNE	5	b	29·65	−·12	60	56	− 2	NNE	5	c	2	b	#	66	59	-
	Skudesnaes ...	29·71	61	NW	4	0	29·68	−·05	61	57	− 1	WNW	4	0	2	0	#	66	57	?
	Færder (Christiania Fjord)	29·63	60	NNW	4	0	29·53	−·18	60	56	0	NNW	4	0	1	0	#	61	57	0·12
	Skagen (The Scaw)	29·63	59	NW	1	m	29·57	−·08	62	60	+ 2	N	4	m	0	m	#	63	52	0·32
	Fanö	29·74	59	W	4	c	29·72	+·01	60	57	0	W	4	c	#	c	#	64	57	0·04
British Islands.	Sumburgh Head	29·68	57	NW	1	c	29·66	+·02	54	54	− 3	NW	1	0	0	c	#	62	52	0·10
	Stornoway ...	29·81	55	calm	0	0	29·60	−·15	53	52	− 1	SE	4	c	4	0	0·9	55	50	0·03
	Wick	29·78	53	NW	3	0	29·68	−·02	50	55	+ 1	S	3	bc	1	0	#	56	48	0·03
	Nairn	29·78	57	calm	0	c	29·62	−·10	58	55	+ 3	S	2	c	1	c	#	58	55	-
	Aberdeen ...	29·79	59	NW	3	bc	29·70	−·02	55	52	0	SSE	2	cq	1	c, bc	0·9	60	51	-
	Leith	29·76	65	W	2	c	29·70	−·03	53	51	− 4	SW	1	r	#	c	#	69	50	0·03
	Shields	29·79	57	ESE	1	p	29·75	+·03	59	54	+ 2	SW	2	cp	2	p	#	60	48	0·23
	Spurn Head ...	29·82	58	calm	0	0	29·84	+·12	56	54	− 5	SW	3	r	3	be, tlr	#	64	52	0·18
	York	29·83	62	W	1	0	29·84	+·08	54	53	− 5	S	1	r	#	0	#	66	48	0·06
	Loughborough ...	29·90	59	W	4	0	29·90	+·10	55	54	− 2	SSW	3	cm	#	ogc, op	#	63	50	0·01
	Ardrossan ...	29·83	58	W	3	c	29·62	−·16	55	55	− 3	ESE	2	rm	2	c	#	62	48	0·06
	Malin Head ...	29·87	56	W	2	0	29·53	−·32	58	57	+ 5	S	5	ogp	2	0	#	58	58	0·16
	Belmullet ...	29·89	58	W	3	cm	29·60	−·35	58	57	+ 3	SW	1	op	#	cm	#	60	52	0·09
	Donaghadee ...	29·91	57	NNW	4	c	29·65	−·20	57	57	+ 2	S	2	r	0	c	#	60	54	0·22
	Liverpool (Bidston)	29·91	56	W	2	0	29·77	−·05	56	55	+ 1	SE	2	r	?	0	#	58	53	0·06
	Holyhead ...	29·93	59	NSW	1	0	29·78	−·15	57	52	+ 2	SSW	5	gmr	4	0	#	61	52	0·21
	Parsonstown ...	29·95	59	SW	1	0	29·69	−·26	60	59	+ 6	SW	1	c	#	0, or	0·4	64	49	0·20
	Valencia ...	29·96	59	S	3	0	29·77	−·24	59	57	+ 2	SW	4	cm	5	0	0·2	62	56	0·32
	Roche's Point ..	29·99	59	SW	4	c	29·77	−·21	61	58	+ 4	W	5	bc	4	c, m, p	#	64	55	0·10
	Pembroke (St. Ann's Hd.)	30·03	57	NNW	4	c	29·88	−·10	58	58	+ 3	SW	5	dm	5	c	3·0	60	54	0·24
	Scilly	30·11	62	NSW	3	c	29·94	−·04	62	62	+ 4	SW	4	m	3	c	2·8	62	56	0·02
	Prawle Point ...	30·02	58	W	4	c	29·99	+·05	58	56	0	NSW	4	f	3	c f	#	63	55	0·12
	Jersey (St. Aubin's)	30·05	61	W	4	c	30·00	+·15	60	56	− 2	SSW	4	fog	3	o, cg	#	64	57	-
	Hurst Castle ...	29·96	61	WNW	3	0	29·94	+·09	59	59	− 2	SSW	5	0	3	0	#	70	58	0·04
	Dungeness ...	29·91	61	W	3	a	29·99	+·18	60	57	− 1	W	4	r	3	0	#	64	56	0·13
	North Foreland	29·90	62	NNW	2	cp	29·99	+·20	60	56	−·1	W	3	c	2	c, cp	#	65	54	0·03
	London (Brixton) ...	29·93	61	W	2	o p d	29·97	+·14	58	55	+ 1	SSW	2	or	#	omp, c, b	0·2	63	51	-
	Oxford	29·91	58	WNW	3	0	29·93	+·09	56	55	0	S	3	0	#	op	#	64	52	0·02
	Cambridge ...	29·91	60	NSW	2	0	29·93	+·13	58	56	0	SW	1	r	#	0	0·5	64	49	0·02
	Yarmouth ...	29·89	64	WNW	4	c	29·92	+·16	59	55	− 2	W	3	bc	2	c	#	66	51	-
Germany & Holland.	Cuxhaven ...	29·81	62	W	2	c	29·86	?	61	60	+ 2	NSW	3	bc	#	c	#	67	59	0·04
	Berlin	29·87	66	W	1	b	29·97	+·19	63	57	0	NSW	2	b	#	b	#	75	54	-
	Wiesbaden ...	#	#	#	#	#	30·07	+·17	60	58	+ 1	calm	0	c	#	#	#	68	54	0·52
	Munich	30·04	60	SW	5	b	30·17	+·16	61	56	+ 4	SW	5	c	#	b	#	68	54	-
	The Helder ...	29·89	63	W	4	bc	29·97	+·17	60	56	− 1	NSW	4	o	3	bc	#	66	59	-
Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	30·04	+·19	58	55	− 1	NSW	3	0	#	r	#	71	54	0·04
	Cape Gris Nez ...	29·89	59	W	4	0	29·98	+·19	58	55	0	W	4	0	4	0	#	61	54	-
	Paris	30·01	65	WNW	3	bc	30·15	+·26	59	53	0	NSW	3	bc	#	bc	#	68	53	0·04
	Brest	?	62	NW	2	bc	?	?	68	58	+ 1	SW	3	f	3	bc	#	68	53	-
	Lorient	30·12	59	W	5	c	30·14	+·14	60	58	+ 1	SW	4	0	3	c	#	61	55	0·04
France &	Rochefort ...	30·11	65	NW	5	0	30·19	+·16	61	58	+ 1	NSW	3	0	#	0	#	66	57	-
	Belfort														#		#			
	Lyons	30·09	65	NNW	1	bc	30·22	+·20	59	58	0	NNW	2	bc	#	tlr, bc	#	69	60	0·20
	Nice	29·89	73	SE	2	b	30·02	+·24	64	62	− 2	SW	1	bc	0	b	#	82	61	-
	Perpignan ...	30·12	72	NW	3	0	30·23	+·13	66	57	0	NW	2	b	#	0	#	80	59	-
	Biarritz ...	30·20	68	NW	3	c	30·23	+·09	63	58	+ 2	SSW	3	0	2	c	#	72	57	-
Penin-sula.	Corunna ...														#		#			
	Lisbon	30·15	65	NNW	6	b	30·17	−·02	71	61	+ 7	N	4	b	#	b	#	77	63	-
	Azores (P. Delgada)	30·48	67	N	3	c	30·48	+·03	67	63	− 1	calm	0	c	1	c	#	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR MONDAY, 16th JULY, 1894.

BAROMETER, WIND AND SEA.

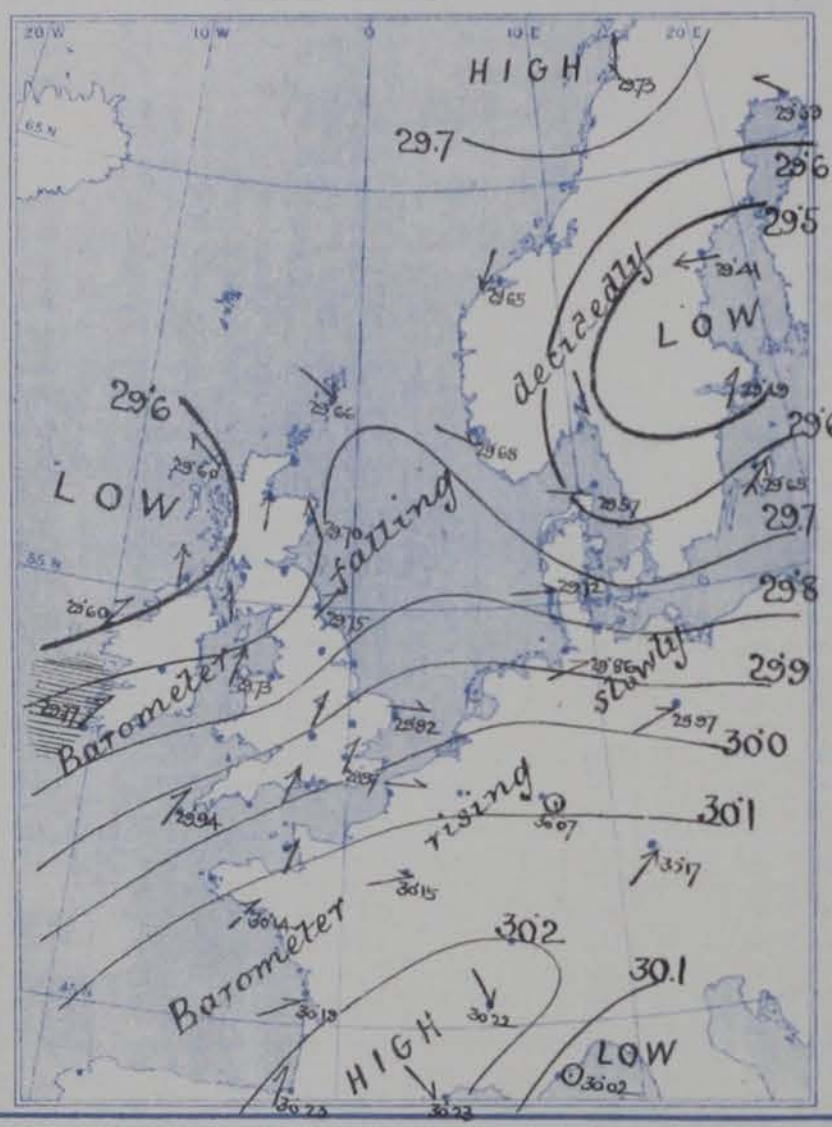
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▭ ; High ▬

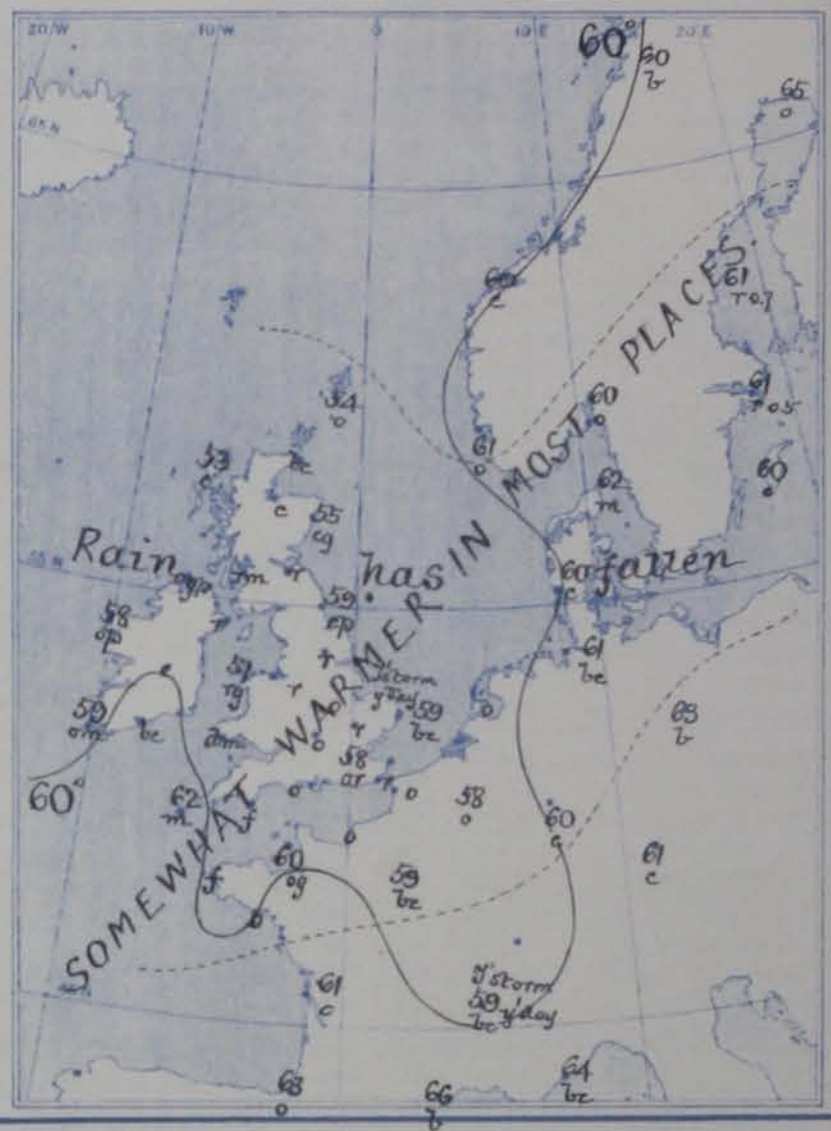


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90.) Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum.	RAINFALL. (25 years 1866–90.) (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90.) Hours	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·6	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·98	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	137·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·2 ins: and more to 30·0 ins: in an anticyclone covering Spain, France and part of Germany.
Lowest, 29·6 ins: and less, in a depression lying off our north-western coasts, and in another over the southern parts of Sweden.
Gradients are becoming rather steep again for SW winds over Ireland and England.
Barometer falling over the United Kingdom – most in the west and north-west – but rising over France.

TEMPERATURE

Highest (1) 71° at Lisbon, and exceeding 60° over the south of France and over Germany; (2) 65° at Haparanda, and 60° to 61° at the other Scandinavian stations.
Lowest, 53° at Stornoway and Leith, 54° at Lerwick, Hm. 55° at Aberdeen.
The maxima recorded over our Islands and the north of France generally fell short of 70°; Brussels, however, registered 71°, and Berlin 75°, while Nice registered 82°.

WIND

(1) E. ½ N. fresh, over the north of Sweden, N. ½ W. moderate to fresh on the Danish coasts, SW. ½ W. over Germany and the Baltic.
(2) SW. ½ W. to S. ½ W. over the Bay of Biscay, the Channel, England and Ireland; S. ½ W. to SE. ½ E. in Scotland.
It appears to be freshening over England and Ireland.

WEATHER

Very rainy in Sweden, cloudy and unsettled over the United Kingdom generally, with rain in several places, fog and mist over the western parts of the Channel; in the south of France, however, the weather is fine and bright.
Rain fell yesterday or in the night (but in small quantities) at nearly all our own stations, and at some of those in France.
Heavy rain fell in Sweden and the south of Norway. Thunderstorms occurred at Lyons and Lyon Stad.

SEA

Rather rough in the south-west, slight in the Channel, very smooth on our north-east and east coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new low-pressure system has appeared in the south-west and is spreading over the Kingdom, and further disturbances are likely to appear shortly. General condition is unsettled and rainlike.

FORECASTS

For the 24 hours ending at NOON on 17th July, 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	SE. ½ E. and S. ½ E. winds; unsettled, showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	S. ½ E. and SW. ½ W. winds, freshening; unsettled, rain at times.
6	SCOTLAND WEST	S. ½ E. and SW. ½ W. winds, very changeable and 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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·71	56	59	NW	4	c	2
Sumburgh Head							
Stornoway	29·81	52	52	NW	3	o	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29·88	56	52	NW	3	o	1
Belmullet	29·94	59	54	S	3	o	*
Holyhead							
Valencia							
Scilly							
Jersey	30·04	63	58	NNW	4	o	3
Hurst Castle ...							
Dungeness ...	29·88	64	61	NNW	3	c	2
North Foreland	29·87	61	59	NNW	3	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...	30·11	66	60	NW	5	o	*

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

Weather in morning dull in most parts of western, northern and central Europe; rain falling in the north of Scotland, as well as at several of the English stations, and on the shores of the Baltic. Fine in most of the southern countries, and also in Russia, but cloudy in Algeria. Showers falling during day in nearly all parts of the United Kingdom, and also at some of the French and German stations; thunderstorms occurring at Spurn Hd. & Lyons.

Temperature fallen a little in our Islands, Denmark and Germany, but risen in most other countries. Morning readings highest 87° at Patras, 86° at Brindisi and Athens, and 83° at Trieste and Turin; above 70° over Italy and the Mediterranean generally, as well as in the west and south of Russia; above 65° in the north of Sweden. Lowest 53° at Malin Head, 54° at Stornoway and Parsonstown, and 55° at several other of our own western and northern stations. Daily maxima below 60° on many parts of our northwestern and extreme northern coasts, and below 65° in most parts of the United Kingdom. Thermometer reaching 71° at Brussels, and 75° at Berlin; exceeding 80° in the south of France.

Wind light to moderate from the NW. over our Islands, and from the W. in France; SW. over Germany and the Netherlands. E. or NE. over the southern parts of Scandinavia, but S. or SW. over Finland and the north of Scandinavia. Light from the S. in the south of Russia. Variable in Austria and Italy; N. over the Spanish Peninsula; E. or SE. in Algeria. Subsequently backing to the S. at Valencia (Ireland), and to the SW. on many other parts of our western coasts; no important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards in an anticyclone lying to the west and southwest of the Spanish Peninsula; 30·1 ins. and upwards in another system over the south of Russia. Lowest 29·7 ins. and less in a large irregularly shaped area lying over the North Sea, Denmark, the Baltic and the south of Sweden. Well marked depression appearing later over the Baltic, and new disturbance beginning to approach our Islands from the westward.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 8TH TO 14TH JULY 1894.

In the course of this week the distribution of pressure over our Islands and northwestern Europe has been of a complex type, and a number of small depressions have reached us from the Atlantic, bringing with them very unsettled, rainy weather, and in many regions thunder and lightning. The most noteworthy disturbance was that which reached the mouth of the Channel on Tuesday morning, the Dutch coast on Wednesday, the southwest of Norway on Thursday, the north of Scotland on Friday, and was passing away in a northerly direction at the close of the week. Its winds were strong, its rain heavy, and the pressure about its centre low for the time of year.

On Saturday night the distribution of pressure appeared to be improving, but there was very little indication of anything like a return of settled weather.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 17th JULY, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.56	56	Z	0	c	29.55	— .14	62	59	— 3	SSW	4	0	*	c	*	70	54	0.28
	Hernösand ...	29.40	58	NE	6	0	29.34	— .07	59	57	— 2	N	2	0	*	0	*	64	57	0.16
	Stockholm ...	29.50	57	SW	4	0	29.55	+ .06	59	58	— 2	SW	6	r	*	r	*	63	55	0.83
	Wisby	29.65	62	SW	6	0	29.72	+ .07	62	58	+ 2	SW	6	bc	*	0	*	73	55	—
	Bodö																*			
	Christiansund ...																*			
	Skudesnaes ...	29.65	61	W	1	c	29.49	— .19	62	58	+ 1	SE	2	c	2	0,c	*	63	54	?
	Færder (Christiania Fjord)	29.52	65	SSW	2	0	29.50	— .03	63	60	+ 3	SSW	6	b	4	0	*	64	59	—
	Skagen (The Scaw)	29.61	60	W	4	m	29.52	— .05	57	56	— 5	S	2	r	0	m	*	66	52	—
	Fanö	29.75	59	WSW	6	c	29.56	— .16	61	59	+ 1	WSW	6	c	*	c	*	66	57	0.28
	Sumburgh Head	29.54	57	S	1	0	29.42	— .24	58	57	+ 4	ENE	2	0	3	0	*	62	53	0.09
	Stornoway ...	29.41	55	SE	3	r	29.39	— .21	56	55	+ 3	S	3	c.	3	r	0.0	56	48	0.20
	Wick	29.47	54	S	4	0	29.38	— .30	55	54	— 1	NW	2	0	1	0	*	68	53	0.35
	Nairn	29.40	63	WSW	1	c	29.39	— .23	60	57	+ 2	W	1	c	1	c	*	63	51	0.14
	Aberdeen ...	29.48	54	SE	3	0g	29.42	— .28	61	56	+ 6	W	2	bc	1	0g, 0g	0.6	62	53	0.25
British Islands.	Leith	29.47	61	W	3	0	29.47	— .23	58	55	+ 5	W	2	0	*	0	*	69	52	0.14
	Shields	29.52	64	SSW	2	c	29.53	— .22	60	57	+ 1	SW	3	cp	2	0p, c	*	65	55	0.17
	Spurn Head ...	29.60	63	SSW	4	c	29.64	— .20	60	56	+ 4	W	4	cv	3	0g, c	*	63	55	0.19
	York	29.61	64	WNW	3	0	29.63	— .21	60	56	+ 6	W	4	bc	*	0	*	66	53	0.19
	Loughborough ...	29.68	66	WSW	4	c	29.73	— .17	59	55	+ 4	WSW	4	0m	*	0r, cpq	*	67	55	0.18
	Ardrossan ...	29.49	58	SSW	3	0p	29.51	— .11	56	55	+ 1	WSW	4	p	3	0p	*	59	54	0.26
	Malin Head ...	29.49	57	WSW	5	0p	29.50	— .03	55	52	— 3	WSW	6	0p	4	0p	*	61	54	0.16
	Belmullet ...	29.61	58	WSW	2	0	29.64	+ .04	56	54	— 2	WSW	4	c	*	0	*	59	53	0.06
	Donaghadee ...	29.55	60	WSW	5	c	29.60	— .05	57	55	0	WSW	5	0	3	c	*	64	55	0.08
	Liverpool (Bidston)	29.65	61	SSW	3	0	29.69	— .08	58	54	+ 2	WSW	5	0	5	0	*	66	53	0.20
	Holyhead ...	29.66	58	SW	5	0gm	29.71	— .02	57	54	0	SW	6	cm	4	0df, 0gm	*	61	54	0.04
	Parsonstown ...	29.68	57	SW	1	0	29.73	+ .04	54	52	— 6	SE	1	bc	*	0	0.5	64	44	0.19
	Valencia ...	29.79	54	SW	5	0m	29.85	+ .08	57	54	— 2	WSW	5	0	5	0gp, 0m	2.0	61	54	0.11
	Roche's Point ..	29.78	61	W	5	bc	29.83	+ .06	58	55	— 3	WNW	4	bc	3	bc	†	63	54	—
	Pembroke (St. Ann's Hd.)	29.78	59	W	6	bc	29.82	— .01	57	55	— 1	W	6	0	5	bc	3.6	59	56	0.06
	Scilly	29.91	60	WSW	5	c	29.92	— .02	60	56	— 2	WNW	5	0	4	cmp, c	1.8	63	56	0.02
	Prawle Point ...	29.88	58	W	3	c	29.91	— .08	57	56	— 1	W	4	c	3	d, e, f	†	58	55	0.13
	Jersey (St. Aubin's)	29.99	64	WSW	4	0gp	30.00	— .09	60	57	0	WSW	5	0gm	4	c, 0gp	*	69	57	0.09
	Hurst Castle ...	29.85	61	SW	7	0m	29.86	— .08	61	59	+ 2	WSW	4	cw	4	rm, 0m	*	70	57	0.06
	Dungeness ...	29.85	60	WSW	5	r	29.83	— .16	59	58	— 1	W	5	0q	5	0, r	*	66	57	0.13
	North Foreland	29.83	60	SW	6	rqm	29.82	— .17	63	59	+ 3	SW	5	bcpq	3	rqm	*	63	56	0.10
	London (Brixton) ...	29.80	62	SW	3	0	29.83	— .14	60	56	+ 2	WSW	2	0	*	0, r, be, 0p	0.0	62	56	0.11
	Oxford	29.77	60	SW	2	0	29.80	— .13	60	56	+ 4	WSW	3	cw	*	0w	†	64	55	0.01
	Cambridge ...	29.74	62	SSW	4	0	29.77	— .16	60	57	+ 2	SSW	4	0	*	0	1.0	63	56	0.13
	Yarmouth ...	29.74	60	SW	4	0	29.73	— .19	63	58	+ 4	WSW	5	bcq	3	0r, 0	*	64	53	0.30
Germany & Holland.	Cuxhaven ...	29.80	63	SW	3	bc	29.66	— .20	62	61	+ 1	WSW	5	bc	*	bc	*	65	61	—
	Berlin	29.96	66	W	1	bc	29.89	— .08	62	57	— 1	WSW	6	r	*	bc	*	75	55	—
	Wiesbaden ...	*	*	*	*	*	29.99	— .08	63	60	+ 3	SW	2	0	*	*	†	70	59	—
	Munich	30.17	59	Z	0	bc	30.16	— .01	61	56	0	SW	5	0	*	bc	*	68	54	0.12
	The Helder ...	29.82	60	WSW	7	r	29.78	— .19	61	58	+ 1	WSW	5	0	4	r	*	63	59	0.35
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.90	— .14	61	57	+ 3	SW	4	0	*	r	*	64	54	0.04
	Cape Gris Nez ...	29.86	59	S	6	r	29.83	— .15	58	58	0	W	5	0	5	r	*	59	54	0.20
	Paris ...	30.08	66	SW	3	0	30.01	— .14	63	59	+ 4	WSW	3	c	*	0	*	69	59	—
	Brest ...	?	60	W	3	0	?	?	58	55	0	W	3	0	4	0	*	61	55	0.08
	Lorient	30.08	60	SW	5	r	30.07	— .07	59	57	— 1	W	4	0	4	r	*	63	55	—
France &	Rochefort ...	30.18	64	WSW	4	0	30.13	— .06	62	62	+ 1	WSW	5	f	*	0	*	70	57	0.08
	Belfort ...														*		*			
	Lyons ...	30.17	67	NNE	1	c	30.19	— .03	59	56	0	NW	1	0	*	c	*	72	56	—
	Nice	30.02	67	SW	3	bc	30.06	+ .04	66	64	+ 2	Z	0	c	0	bc	*	75	59	—
	Perpignan ...	30.15	75	NW	3	b	30.19	— .04	70	61	+ 4	N	2	b	*	b	*	82	58	—
	Biarritz ...	30.19	68	NW	2	b	30.16	— .07	66	60	+ 1	SSW	2	b	2	b	*	72	59	—
Peninsula.	Corunna ...														*		*			
	Lisbon	30.14	68	NNW	6	b	30.15	— .02	73	64	+ 2	N	4	b	*	b	*	86	66	—
	Azores (P. Delgada)	30.49	67	NE	1	c	30.48	.00	71	66	+ 4	NE	3	bc	1	c	*	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR TUESDAY, 17TH JULY, 1894.

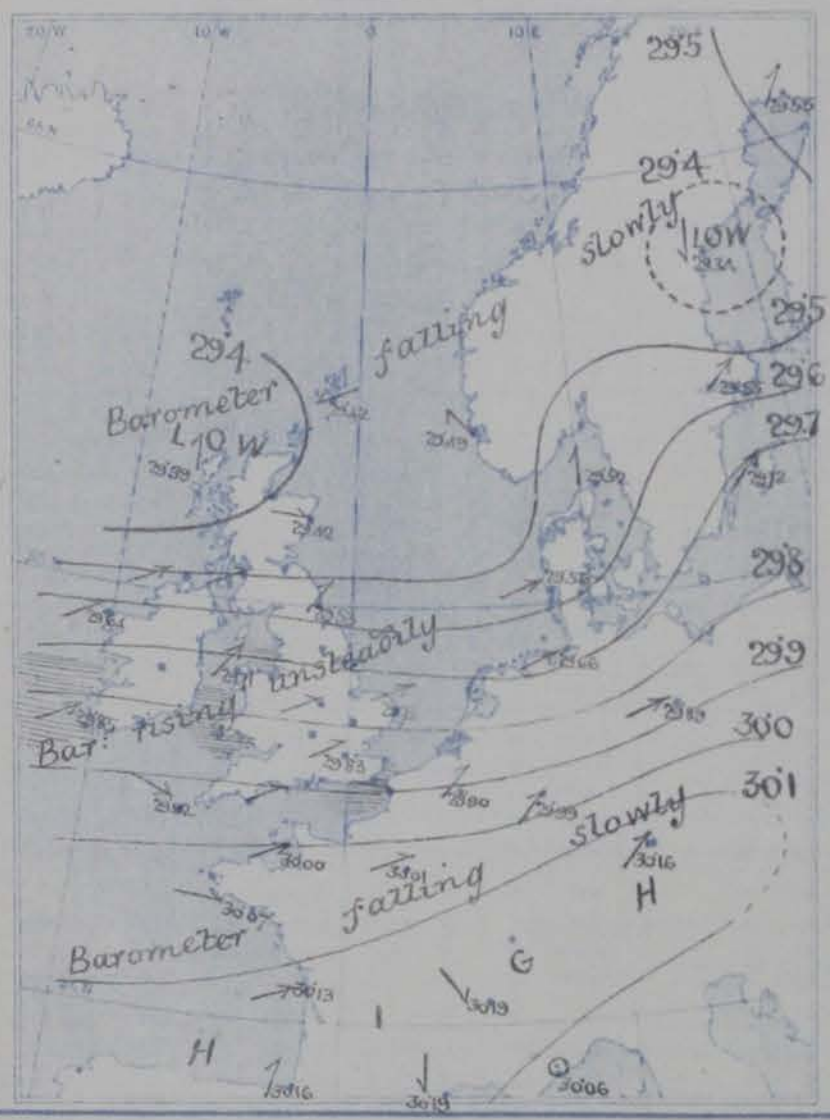
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▒▒ ; High ▓▓

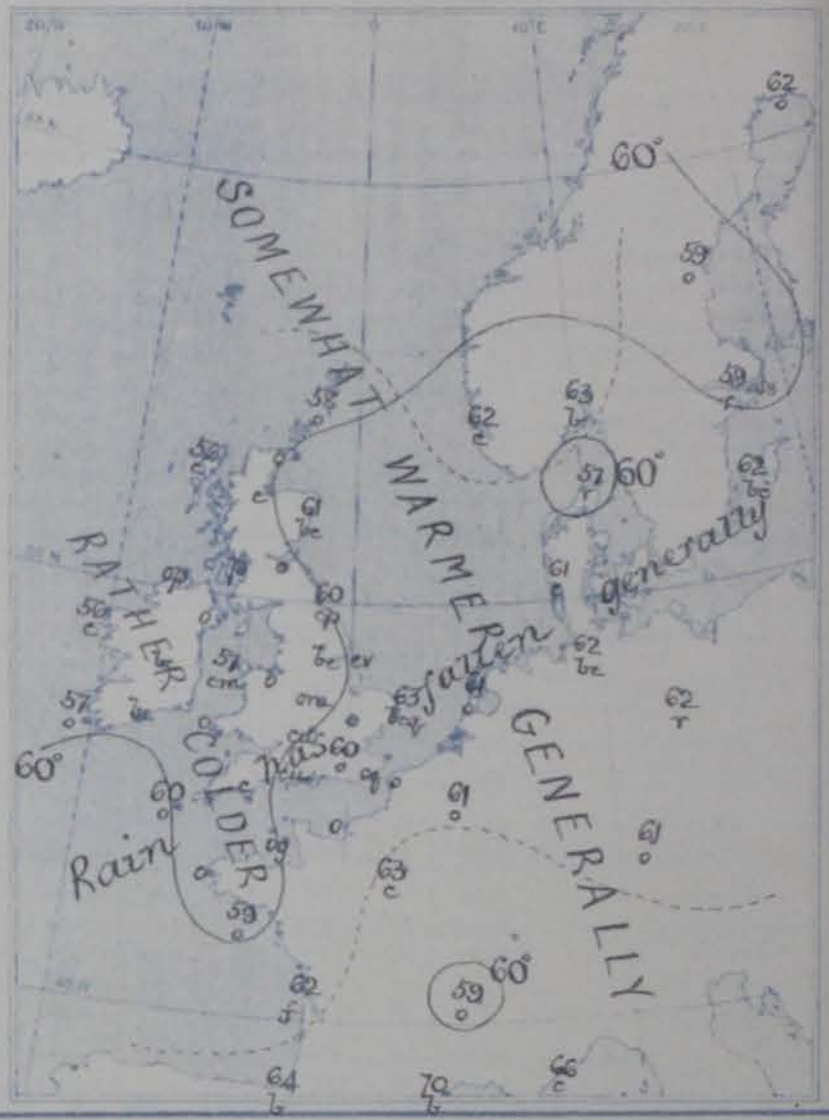


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS	PRESSURE AT 8 A.M. (25 years 1871–95) (Inches)	TEMPERATURE (20 years 1871–90) Dry Bulb 8 a.m.	TEMPERATURE (20 years 1871–90) Wet Bulb 8 a.m.	TEMPERATURE (20 years 1871–90) Daily Maximum	TEMPERATURE (20 years 1871–90) Daily Minimum	RAINFALL (25 years 1866–90) (Inches)	BRIGHT SUNSHINE. (10 years 1881–90). Hours	BRIGHT SUNSHINE. (10 years 1881–90). Per cent. of possible
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27		—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34		—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39		—
Aberdeen	29·826	57·5	53·9	63·9	50·8	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85		—
Shields	29·867	58·3	55·0	64·1	52·2	2·66		
Spurn Head	29·901	59·5	56·8	65·1	55·2	1·74		
York	29·901	59·2	55·9	68·7	51·9	2·76	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34		—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91		
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82		
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40		
Liverpool	29·900	59·4	55·6	65·9	54·2	2·66		
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·98	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·99	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29		
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46		—
Prawle Point	29·987	59·6	57·3	64·5	53·4	2·24		—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20		
Dover	29·957	61·9	58·4	66·8	56·3	1·95		—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cirencester	29·937	61·3	57·7	71·9	52·2	2·42	193·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85		—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards over the Spanish Peninsula and the southern parts of France & Germany.
Lowest 29.4 ins. and less in a depression over the north of Scotland, and also in another disturbance over the southern part of the Gulf of Bothnia.
Gradients slight over the extreme northern and southern parts of our area, but moderate elsewhere.
Barometer rising moderately over Ireland and England, but falling elsewhere.

TEMPERATURE

Highest 73° at Lisbon, 70° at Perpignan, 66° at Nice, 64° at Biarritz, and 63° at Yarmouth, the North Foreland, Paris and Wiesbaden.
Lowest 54° at Parsonstown, 55° at Wick and Malin Head, and 56° at Stornoway, Ardrossan and Belmullet.
The highest maxima registered over our Islands yesterday were 70° at Hurst Castle, 69° at Leith, Donaghadee and Jersey, and 68° at Wick.

WIND

Moderate to strong from the W^ed. or SW^ed. over the greater part of our area, but light and variable in the north of Scotland, and SE. in the south of Norway.
Calm or variable in the south of France.

WEATHER

Fair over the greater part of our Islands and France, but dull in places, and showery at several of our more northern stations.
Dull in Sweden, Denmark and Germany, with rain at Stockholm, Skagen and Berlin.
Rain fell yesterday in nearly all parts of the United Kingdom, as well as at several of the Continental stations.

SEA

Rather rough on some of the more exposed parts of our W^rn. and N^rn. coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The rise of the barometer in the west is very slight, and it is therefore not unlikely that further depressions will shortly advance over our Islands from the Atlantic.

FORECASTS

For the 24 hours ending at NOON on 18TH JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Light variable breezes, changeable, some rain.
1	SCOTLAND EAST	W¼. to SW¼. winds, light, changeable, some rain.
2	ENGLAND N.E.	Same as No. 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW¼. and W¼. winds, moderate or fresh, some showers, with bright intervals
6	SCOTLAND WEST	W¼. to SW¼. winds, fresh, changeable, some showers
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E. the *North Cone* is hoisted in preference to the *South Cone*.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South Cone* is hoisted in preference to the *North Cone*.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·68	63	59	WNW	4	o	2	Valencia	29·78	60	57	SW	6	opg	5
Sumburgh Head	29·60	58	56	S	1	o	1	Scilly	29·90	62	61	SW	4	cmp	3
Stornoway	29·47	54	54	SE	5	r	5	Jersey	30·02	68	64	SSW	4	c	3
Aberdeen	29·59	54	53	SSE	3	org	2	Hurst Castle ...	29·90	60	60	SSW	6	rm	5
Shields	29·61	57	56	SE	3	o	2	Dungeness ...	29·94	60	56	WSW	6	o	5
Arbrossan	29·51	59	59	L	o	o	2	North Foreland	29·92	59	57	SW	6	r	5
Malin Head ...	29·50	61	58	SW	4	o	3	London (Westminster)	29·87	61	59	SW	3	or	*
Belmullet	29·59	59	57	SW	3	o	*	Yarmouth ...	29·85	61	59	SW	3	op	3
Holyhead	29·67	58	57	SW	6	ogtf	4	Rochefort ...	30·24	66	62	S	3	o	*

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

Weather cloudy in most parts of the United Kingdom, with rain in many places, and mild fog or mist at some of the Channel stations. Fine over central and southern Europe, but dull elsewhere, with rain in Sweden and also at Copenhagen. Rain falling during day over nearly the whole of the United Kingdom, as well as in the neighbouring parts of the Continent.

Temperature risen a little in the western parts of our Islands and France as well as at some of the German and Russian stations, fallen in most other localities. Morning reading, highest 91° at Brindisi, 80° at Palma and Malta, and 79° at Lesina; above 70° in many parts of southern and southeastern Europe, and as high as 65° at Haparanda and St. Petersburg. Lowest 53° at Stornoway and Leith, 54° at Sumburgh Head and York, and 55° at Aberdeen, Ardrossan and Longborough; below 60° in most parts of the United Kingdom. Daily maxima below 65° over a considerable portion of our Islands, but thermometer rising to 69° at Leith, Donaghadee and Jersey, & to 70° at Hurst Castle. Exceeding 75° in the south of France, and exceeding 82° at Perpignan.

Wind light to fresh from the SW.ly over the greater part of western and central Europe, but SE.ly in the north and east of Scotland. E.ly or NE.ly over the northern parts of Scandinavia, light and variable in Russia; variable, but chiefly NW.ly in Italy and the south of France. Subsequently increasing to a moderate gale from the SW.ly at some of the English Channel stations. No important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards in an anticyclone covering the greater part of France and Spain; 30·1 ins. and upwards in another system over Russia. Lowest 29·5 ins. and less in a depression over Sweden, 29·6 ins. and less in another disturbance lying off our own extreme northwest coasts, 29·9 ins. and less in a shallow system over eastern Austria. Depression to northwest of our Islands subsequently spreading eastwards; barometer beginning to rise again on our western coasts 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 18th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...														#		#			
	Hernösand ...														#		#			
	Stockholm ...														#		#			
	Wisby														#		#			
	Bodö	29.40	63	N	1	b	29.38	-.11	63	57	-1	ESE	1	c	1	b	#	66	57	-
British Islands.	Christiansund ...	29.46	59	N	2	f	29.39	-.15	60	57	+3	ENE	1	f	1	f	#	60	54	0.08
	Skudesnaes ...	29.40	59	S	6	o	29.35	-.14	59	57	-3	ESE	3	r	5	r.o	#	63	55	?
	Færder (Christiania Fjord)	29.43	62	SW	2	r	29.41	-.09	62	58	-1	SSW	6	bc	3	r	#	64	59	0.04
	Skagen (The Scaw)	29.50	58	WSW	2	m	29.44	-.08	59	57	+2	SW	2	bc	0	m	#	64	55	0.47
	Fanö	29.60	59	WSW	6	c	29.51	-.05	59	55	-2	SW	6	c	#	c	#	64	59	-
	Sumburgh Head	29.40	59	ENE	2	c	29.39	-.03	56	53	-2	NNE	4	o	4	c	#	62	52	-
	Stornoway ...	29.41	56	E	0	r	29.51	+.12	59	58	+3	NE	3	c	3	bc,r	4.3	60	48	1.00
	Wick	29.43	52	NW	3	r	29.48	+.10	56	54	+1	NW	3	c	1	r	#	57	50	0.90
	Nairn	29.41	54	E	0	o	29.46	+.07	56	56	-4	WSW	1	c	1	o,r	#	65	52	0.47
	Aberdeen ...	29.42	58	NNW	1	op	29.44	+.02	58	54	-3	NW	4	c q	3	p.r	3.5	64	53	1.08
	Leith	29.48	60	WSW	3	o	29.46	-.01	59	55	+1	W	2	o m	#	o	#	65	52	0.01
	Shields	29.54	61	SW	3	c	29.45	-.08	57	54	-3	NW	2	o p	2	c p	#	66	51	0.04
	Spurn Head ...	29.63	60	WSW	4	c v	29.51	-.13	55	53	-5	WSW	4	o p v	3	c v	#	63	53	0.03
	York	29.65	58	W	4	c	29.49	-.14	56	55	-4	W	2	r	#	c	#	62	52	0.08
	Loughborough ...	29.72	62	W	4	c	29.60	-.13	56	52	-3	WSW	4	o q	#	c q	#	67	52	-
	Ardrossan ...	29.52	55	WSW	3	o p	29.49	-.02	59	57	+3	W	3	bc	2	o p	#	59	52	0.28
	Malin Head ...	29.49	53	WSW	6	o p	29.55	+.05	55	53	0	NW	4	o p	3	o p	#	58	53	0.22
	Belmullet ...	29.65	54	W	6	r	29.71	+.07	56	54	0	NW	3	c	#	r	#	57	53	0.37
	Donaghadee ...	29.59	58	WSW	5	o	29.55	-.05	57	55	0	WSW	5	o	3	o	#	62	55	0.12
	Liverpool (Bidston)	29.68	59	W	5	o	29.54	-.15	54	52	-4	WSW	6	r	6	o	#	63	51	0.25
	Holyhead ...	29.70	59	WSW	4	c m	29.60	-.11	54	53	-3	W	7	o q p	6	c,c m	#	61	52	0.08
	Parsonstown ...	29.74	57	NW	1	o	29.71	-.02	55	53	+1	NW	2	o	#	o	5.2	61	51	0.04
	Valencia ...	29.56	56	W	4	o p	29.85	.00	56	53	-1	WNW	5	o p	5	o m q,o p	1.0	60	53	0.02
	Roche's Point ...	29.82	61	NNW	4	b c	29.81	-.02	57	53	-1	NW	3	c	3	b c	#	63	52	-
	Pembroke (St. Ann's Hd.)	29.81	58	W	6	b c	29.72	-.10	55	52	-2	W	6	o	5	b c	5.2	60	54	-
	Scilly	29.94	59	W	4	o	29.84	-.08	58	56	-2	WNW	5	c p	4	o p m	1.2	62	56	0.01
	Prawle Point ...	29.90	57	W	5	c	29.80	-.11	57	55	0	WSW	5	c	4	c p	#	60	54	0.05
	Jersey (St. Aubin's)	29.99	61	WSW	5	c	29.87	-.13	60	58	0	W	5	c m	4	d p g m	#	64	57	0.02
	Hurst Castle ...	29.85	62	SW	4	o u	29.75	-.11	59	58	-2	WSW	4	c p	3	c p, o u	#	64	58	-
	Dungeness ...	29.78	61	W	6	c	29.70	-.13	62	58	+3	W	3	c q	8	c	#	64	56	0.05
Germany & Holland.	North Foreland	29.78	62	W	6	o q	29.68	-.14	57	54	-6	W	5	c q p	3	b c, c q	#	66	54	-
	London (Brixton) ...	29.80	63	W	3	c	29.69	-.14	61	55	+1	WSW	3	c	#	o, b c, c p	4.4	68	54	0.01
	Oxford	29.79	58	SW	3	c	29.67	-.13	57	53	-3	SW	3	o	#	c q	#	65	54	-
	Cambridge ...	29.75	63	W	3	o	29.63	-.14	59	55	-1	WSW	5	o	#	o	1.3	67	51	-
	Yarmouth ...	29.72	63	W	4	b c	29.62	-.11	59	55	-4	WSW	4	b c	3	b c	#	66	51	-
	Cuxhaven ...	29.71	60	WSW	2	b c	29.61	-.05	60	59	-2	SW	3	b c	#	b c	#	64	58	0.24
	Berlin	29.81	65	SSW	3	b c	29.76	-.13	63	59	+1	WSW	2	b c	#	b c	#	72	59	0.04
	Wiesbaden ...	#	#	#	#	#	29.87	-.12	62	58	-1	SW	4	o	#	#	#	70	57	0.04
	Munich	30.06	65	SW	3	c	30.00	-.16	57	56	-4	SW	4	o	#	c	#,	72	55	0.12
	The Helder ...	29.75	61	WSW	5	c	29.67	-.11	60	56	-1	WSW	5	b c	3	c	#	64	59	-
France & Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	29.77	-.13	57	55	-4	SW	4	o	#	b	#	66	54	-
	Cape Gris Nez ...	29.81	59	W	6	o	29.71	-.12	58	56	0	WSW	6	o	6	o	#	61	54	-
	Paris	29.99	65	SW	2	o	29.90	-.11	59	56	-4	SW	3	o	#	o	#	70	57	0.04
	Brest	?	62	W	3	o	?	?	59	58	+1	W	2	c	3	o	#	64	57	-
	Lorient	30.07	60	W	5	o	29.94	-.13	58	56	-1	WNW	4	o	4	o	#	64	53	-
	Rochefort ...	30.12	64	NNW	5	o	30.01	-.12	62	60	0	W	4	o	#	o	#	72	59	-
	Belfort														#		#			
	Lyons	30.06	75	W	1	b c	30.01	-.18	64	60	+5	NE	1	c	#	b c	#	78	59	-
	Nice	30.00	71	SW	2	b	29.91	-.15	67	64	+1	E	0	b	0	b	#	77	61	-
	Perpignan ...	30.12	78	NW	2	b	30.06	-.13	70	63	0	N	3	o	#	b	#	85	62	-
	Biarritz ...	30.17	62	W	2	b	30.08	-.08	65	63	+1	SW	4	b	2	b	#	77	63	-
Peninsula.	Corunna ...														#		#			
	Lisbon	30.12	67	N	5	b	30.08	-.07	73	62	0	N	4	bc	#	b	#	84	64	-
	Azores (P. Delgada)	30.47	68	NE	1	bc	30.43	-.05	71	68	0	ENE	2	c	1	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR WEDNESDAY, 18th JULY, 1894.

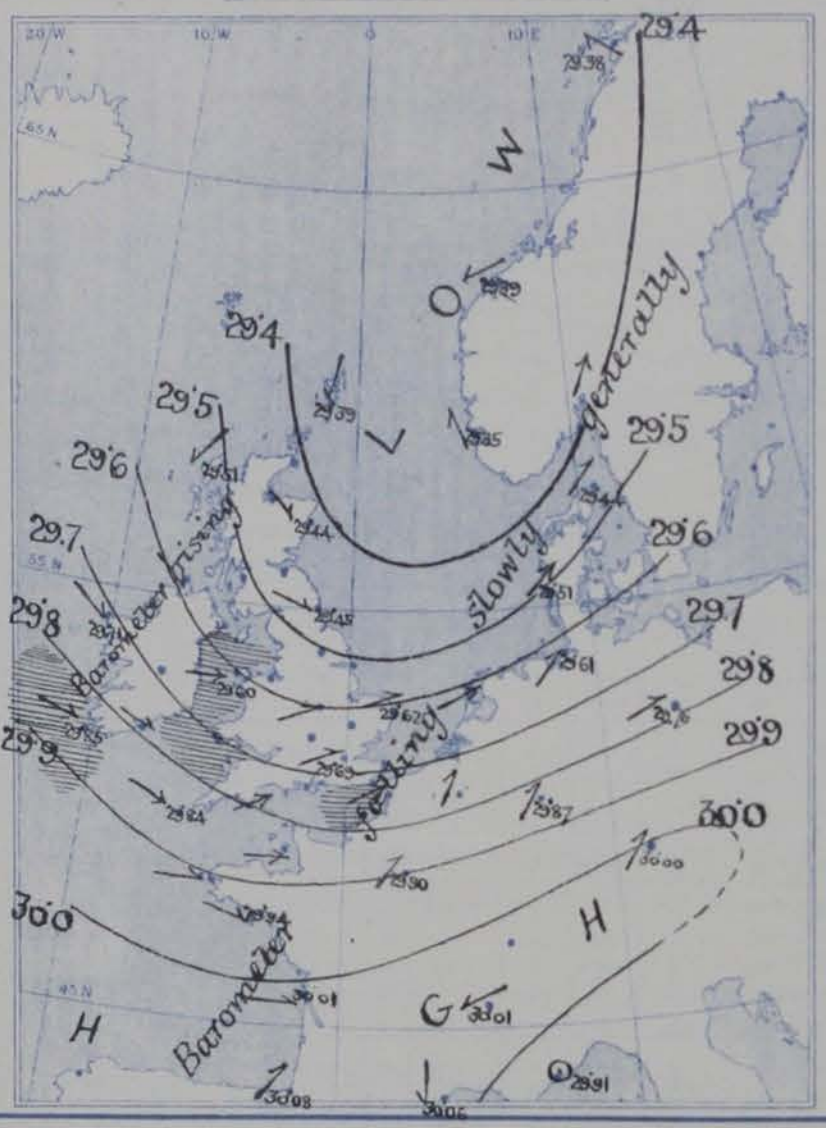
BAROMETER, WIND AND SEA.

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

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

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

SEA—*Rough* ▒ ; *High* ▓

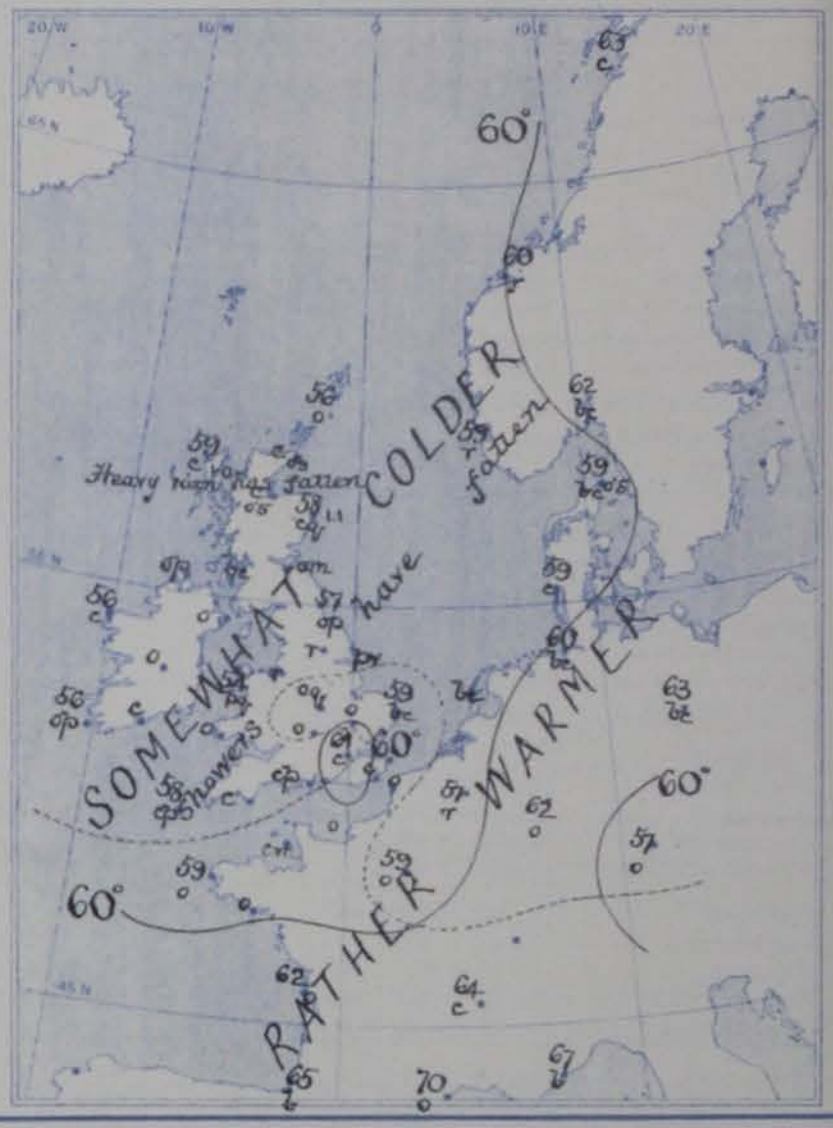


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871–90). (Inches.)	TEMPERATURE (20 years 1871—90).				RAINFALL (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 in: and upwards over the Spanish Peninsula and the southern parts of France and the Bay of Biscay.
Lowest, 29·4 in: and less, in a large depression lying over Norway, and the northern parts of the German Ocean.
Gradients moderate over Ireland, England, and the Netherlands, but slight elsewhere.
Barometer rising on our extreme north and northwest coasts, but falling in nearly all other parts of Western Europe.

TEMPERATURE

Highest (1) 73° at Lisbon, 70° at Perpignan, 67° at Nice, and 65° at Biarritz; (2) 63° at Bodö and 62° at Faeroe.
Lowest, 54° at Holyhead and Liverpool, and 55° at Spurn Hd., Malin Hd., Roche's Point and Pembroke.
The maxima registered over our Islands yesterday were below 65° at all but our central, eastern, and southeastern stations, and below 60° on our extreme northwestern coasts.

WIND

Light to moderate from the N.ward in the north of Scotland, and from the NW.ward in Ireland.
Moderate to strong from the W.ward over England and the west and north of France, and from the SW.ward over Denmark, Germany, and the Netherlands.
Light from the E.ward or SE.ward in the west of Norway.

WEATHER

Cloudy and showery over the greater part of Western Europe, but fine in Denmark and North Germany, as well as in the south of France.
Showers fell yesterday in most parts of the United Kingdom, and heavy rain in the north of Scotland, the largest amounts being 1·1 in: at Aberdeen, 1·0 in: at Stornoway, and 0·9 in: at Wick.

SEA

Rough or rather so on many parts of our western coasts, as well as at Cape Gris Nez, but moderate or slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large depression in the north is inclined to spread southeastwards. The wind seems likely to veer to the NW.ward over England, and cool showery weather will probably continue in most places.

FORECASTS

For the 24 hours ending at NOON on 19th July 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. by W. winds, light or moderate; changeable, some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	W. by N. to NW. by N. winds, fresh; changeable, showery, cooler.
6	SCOTLAND WEST	W. by N. to NW. by N. winds, moderate; changeable, some showers.
7	ENGLAND N.W.	NW. by N. winds, fresh or strong; squally, some showers.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·41	58	56	ENE	2	f	2
Sumburgh Head	29·41	60	57	ENE	2	c	3
Stornoway	29·39	60	58	S	1	bc	4
Aberdeen	29·42	58	55	SSW	2	cgp	1
Shields	29·54	61	58	SW	4	cp	2
Ardrossan	29·53	57	55	WSW	3	o	3
Malin Head ...	29·51	56	53	WSW	6	o	4
Belmullet	29·67	53	52	W	5	f	*
Holyhead	29·71	60	56	SW	6	c	5

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·86	59	55	WSW	5	c g m	5
Scilly	29·95	60	58	W	4	c m p	4
Jersey	30·00	61	58	WSW	5	o	4
Hurst Castle ...	29·85	64	62	SW	5	c	5
Dungeness ...	29·80	64	60	W	6	c	5
North Foreland	29·78	65	62	W	6	bc	3
London (Westminster)	29·78	68	60	SW	3	c	*
Yarmouth ...	29·72	66	58	W	4	bc	3
Rochefort ...	30·15	64	62	W N W	5	o	*

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

Weather in morning fair over the greater part of our Islands, but dull in places, and showery at several of our northern stations. Dull in Sweden, Denmark, Germany, and northern Russia, with rain in many places; fine in most of the other Continental countries. Showers falling during day in nearly all parts of the United Kingdom, and heavy rain in the north of Scotland,—1·0 in. at Stornoway and 1·1 ins. at Aberdeen.

Temperature fallen a little in Ireland and the southwest of England, and also in Sweden, risen in most other localities. Morning reading highest 85° at Athens, 84° at Brindisi, 83° at Patras, and 80° at Trieste; above 70° over southern and southeastern Europe generally. Lowest 54° at Parsonstown, 55° at Wick and Malin Head, and 56° at Stornoway, Ardrossan, and Belmullet. Daily maxima below 60° on our extreme northwestern coasts and below 65° at all but our eastern, central, and southeastern stations. Thermometer exceeding 70° in Germany, and exceeding 75° in the south of France, the highest reading of all being 85° at Perpignan.

Wind W^{3} or SW^{3} over the greater part of our Islands, France, the Netherlands, Germany, Denmark, and the Baltic; strong in force at some of our own western stations and also over the Baltic. Moderate to strong from the S^{ly} in Finland, variable on the Norwegian coasts. Light from the NE.^{ly} in the south of Russia and from the N^{ly} or NW.^{ly} in Austria and Italy; NE^{ly} or E^{ly} in Spain and Algeria. No important change occurring over Western Europe during day.

Barometer highest 30·1 ins. and upwards in an anticyclone lying over the southern parts of France and Germany, the Spanish Peninsula, Algeria, and the western part of the Mediterranean. Lowest 29·4 ins. and less, in a depression over the north of Scotland and also in a small disturbance near Hernösands; 29·8 ins. and less, in a shallow system over the Grecian Archipelago. Depression over Scotland subsequently moving slowly eastwards; changes in pressure over western Europe slight and irregular.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.46	60	S	4	0	29.49	+.08	61	59	0	S	2	0	#	0	#	66	55	-
	Hernösand ...	29.42	59	SW	2	c	29.46	+.06	61	56	0	S	2	b	#	c	#	70	55	0.04
	Stockholm ...	29.53	60	SSE	1	b	29.54	.00	64	59	0	S	2	b	#	b	#	68	57	-
	Wisby	29.59	59	SSW	4	b	29.59	-.05	64	58	+2	S	2	b	#	b	#	70	63	-
	Bodö	29.38	61	NE	1	b	29.38	.00	58	56	-5	SW	1	0	1	b	#	64	52	-
	Christiansund ...	29.39	61	N	2	c	29.41	+.02	61	58	+1	NNW	1	c	1	c	#	63	57	-
	Skudesnaes ...	29.41	61	SSE	1	0	29.42	+.04	60	57	+1	SSW	1	0	2	c,0	#	63	55	?
	Færder (Christiania Fjord)	29.43	60	SSW	4	bc	29.45	+.04	61	57	-1	S	4	r	2	bc	#	63	59	-
	Skagen (The Scaw)	29.44	57	SW	2	r	29.41	-.03	58	55	-1	W	0	c	0	r	#	64	54	-
	Fano	29.43	57	SW	6	c	29.30	-.21	59	55	0	NSW	6	c	#	c	#	64	55	0.35
British Islands.	Sumburgh Head	29.46	55	N	4	0	29.51	+.12	54	53	-2	N	3	0	3	c, 0	#	58	50	-
	Stornoway ...	29.62	58	NE	4	b	29.66	+.15	54	52	-5	NE	2	bc	3	b	10.8	61	50	0.01
	Wick	29.59	54	NW	1	0	29.62	+.14	51	49	-5	NW	2	0	1	0	#	59	43	0.04
	Nairn	29.54	57	NE	1	c	29.62	+.16	54	51	-2	ESE	1	c	1	c	#	61	49	-
	Aberdeen ...	29.53	56	NW	5	cqp	29.63	+.19	53	48	-5	NNW	4	cq	3	cq,cqp	6.8	62	49	0.01
	Leith	29.53	59	W	2	c	29.64	+.18	60	52	+1	WNW	2	b	#	c	#	69	51	-
	Shields	29.53	59	W	0	0	29.64	+.19	55	52	-2	W	0	cp	2	cp	#	60	52	d.26
	Spurn Head ...	29.55	59	W	3	0	29.64	+.19	57	54	+2	WNW	3	op	3	op	#	61	54	0.15
	York	29.56	60	W	2	p	29.67	+.18	58	54	+2	WNW	2	bc	#	p,r	#	64	51	0.66
	Loughborough ...	29.63	64	W	5	bc	29.72	+.12	57	54	+1	WNW	3	cm	#	c pqj	#	67	52	0.02
	Androssan ...	29.58	61	WNW	5	b	29.68	+.19	59	55	0	NNW	3	b	2	b	#	65	50	-
	Malin Head ...	29.66	57	NW	4	0	29.70	+.15	54	53	-1	NW	3	oqp	2	r.0	#	58	53	0.02
	Belmullet ...	29.77	57	W	3	0	29.85	+.14	55	52	-1	WNW	2	b	#	0	#	58	52	0.05
	Donaghadee ...	29.66	58	NNW	4	c	29.72	+.17	56	55	-1	WNW	4	0	2	c	#	63	55	0.11
	Liverpool (Bidston)	29.64	61	W	4	bc	29.73	+.19	58	54	+4	W	4	c	5	bc	#	61	54	0.04
	Holyhead ...	29.69	58	NNW	5	cqp	29.76	+.16	59	54	+5	WNW	5	bc	4	bc, cqp	#	63	54	0.01
	Parsonstown ...	29.76	58	SW	2	0	29.86	+.15	56	53	+1	W	0	b	#	0	1.4	61	51	-
	Valencia ...	29.90	57	W	5	cq	29.94	+.09	56	53	0	W	4	0	4	op, cq	3.2	59	51	0.08
	Roche's Point ...	29.84	59	WNW	4	bc	29.90	+.09	57	52	0	NW	3	b	3	bc	#	62	52	-
	Pembroke (St. Ann's Hd.)	29.79	58	W	5	c	29.85	+.13	55	52	0	NW	5	oqp	5	c	6.0	59	54	0.02
	Scilly	29.91	58	WNW	6	bc	29.93	+.09	57	54	-1	NW	5	op	4	bc	8.2	61	55	-
	Prawle Point ...	29.84	58	NW	2	0	29.87	+.07	58	55	+1	NW	4	c	2	0p	#	62	58	0.01
	Jersey (St. Aubin's)	29.87	62	W	5	b	29.91	+.04	60	56	0	W	5	0q	4	q,c,b	#	64	55	-
	Hurst Castle ...	29.77	65	W	5	c	29.80	+.05	58	58	-1	WNW	3	op	3	0,c	#	66	58	0.02
	Dungeness ...	29.69	62	W	6	c	29.76	+.06	57	55	-5	WNW	3	p	3	c	#	64	55	0.18
	North Foreland	29.65	62	W	6	cqp	29.72	+.04	60	57	+3	WNW	4	0	3	c, cqp	#	66	54	0.07
	London (Brixton) ...	29.68	64	W	3	bc	29.75	+.06	59	55	-2	WNW	3	c	#	cpd,bc,b	5.9	67	54	-
	Oxford	29.70	59	WSW	2	c	29.76	+.09	58	54	+1	W	3	0	#	0,c	#	64	54	0.02
	Cambridge ...	29.63	62	W	4	b	29.73	+.10	58	55	-1	WSW	1	0	#	b	4.1	65	51	0.02
	Yarmouth ...	29.58	58	W	3	c	29.67	+.05	58	55	-1	WNW	4	c	3	tp,c	#	62	50	0.16
Germany & Holland.	Cuxhaven ...	29.59	59	W	3	r	29.47	-.14	58	58	-2	SW	6	rq	#	r	#	65	57	0.48
	Berlin	29.64	64	NSW	3	b	29.66	-.10	62	56	-1	WSW	4	c	#	b	#	75	57	0.08
	Wiesbaden ...	*	*	*	*	*	29.81	-.06	58	54	-4	SW	4	bc	#	*	#	68	52	0.35
	Munich	29.91	55	SW	3	c	29.92	-.08	59	56	+2	W	3	c	#	c	#	64	54	0.35
	The Helder ...	29.58	59	WSW	5	0	29.65	-.02	59	56	-1	W	5	0	3	0	#	63	57	0.04
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*									#		#			
	Cape Gris Nez ...	29.68	60	W	5	0	29.73	+.02	57	57	-1	W	4	0	4	0	#	59	52	
	Paris	29.80	68	W	3	bc	29.90	.00	57	54	-2	SW	2	c	#	bc	#	73	53	-
	Brest ...	?	60	NW	3	0	?	?	57	55	-2	NW	3	c	?	0	#	?	?	0.08
	Lorient	29.95	60	NW	5	c	29.99	+.05	56	54	-2	NW	4	c	4	c	#	66	54	-
France &	Rochefort ...	29.95	64	NNW	5	b	30.04	+.03	60	57	-2	NW	3	0	#	r.b	#	66	55	0.20
	Belfort														#		#			
	Lyons	29.95	64	N	1	r	29.97	-.04	63	58	-1	W	1	bc	#	r	#	73	58	0.04
	Nice	29.77	71	W	2	b	29.75	-.16	?	?	?	E	1	b	0	b	#	75	61	-
	Perpignan ...	29.94	78	NE	2	c	29.98	-.08	69	61	-1	ESE	3	0	#	c	#	80	68	-
	Biarritz ...	30.05	66	WSW	4	0	30.06	-.02	63	59	-2	WSW	2	0	3	0	#	?	61	
Peninsula.	Corunna ...														#		#			
	Lisbon	30.06	69	N	5	b	30.05	-.03	68	62	-5	N	5	b	#	b	#	88	63	-
	Azores (P. Delgada)	30.10	70	NE	1	0	30.33	-.10	70	67	-1	NE	4	c	1	0	#	71	68	-

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

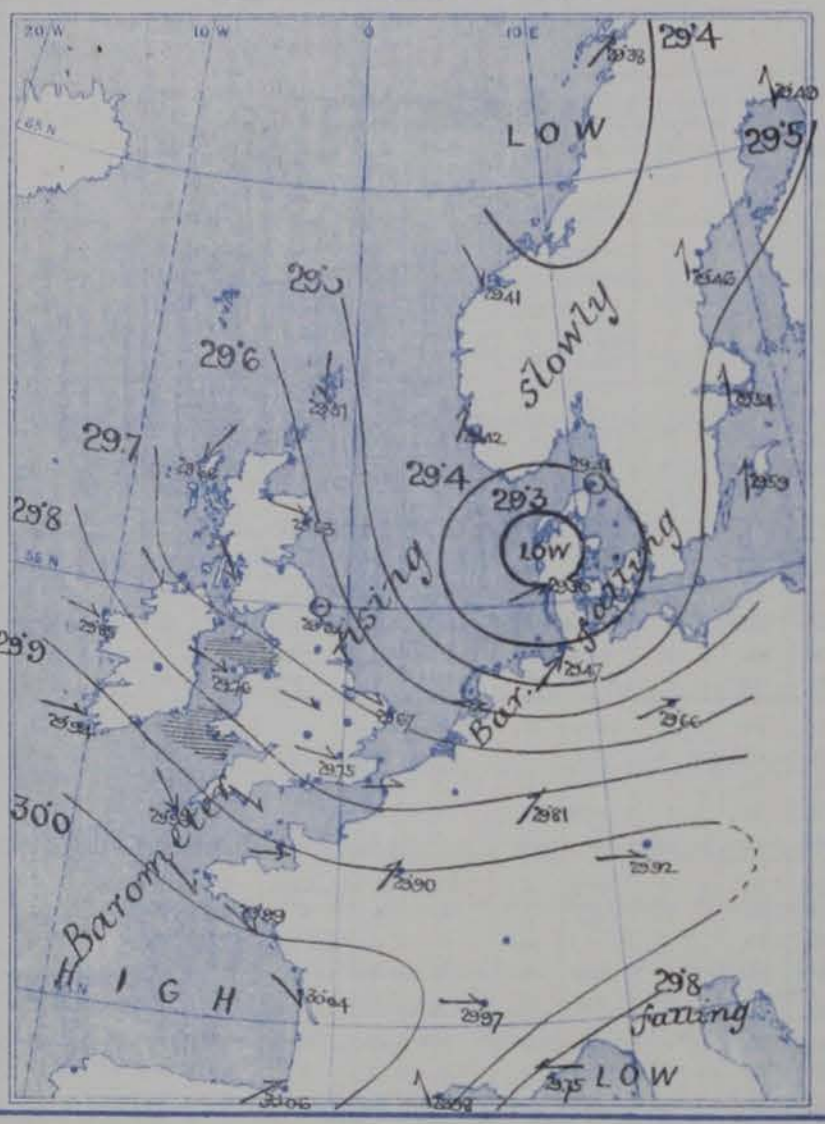
NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR THURSDAY, 19TH JULY, 1894.

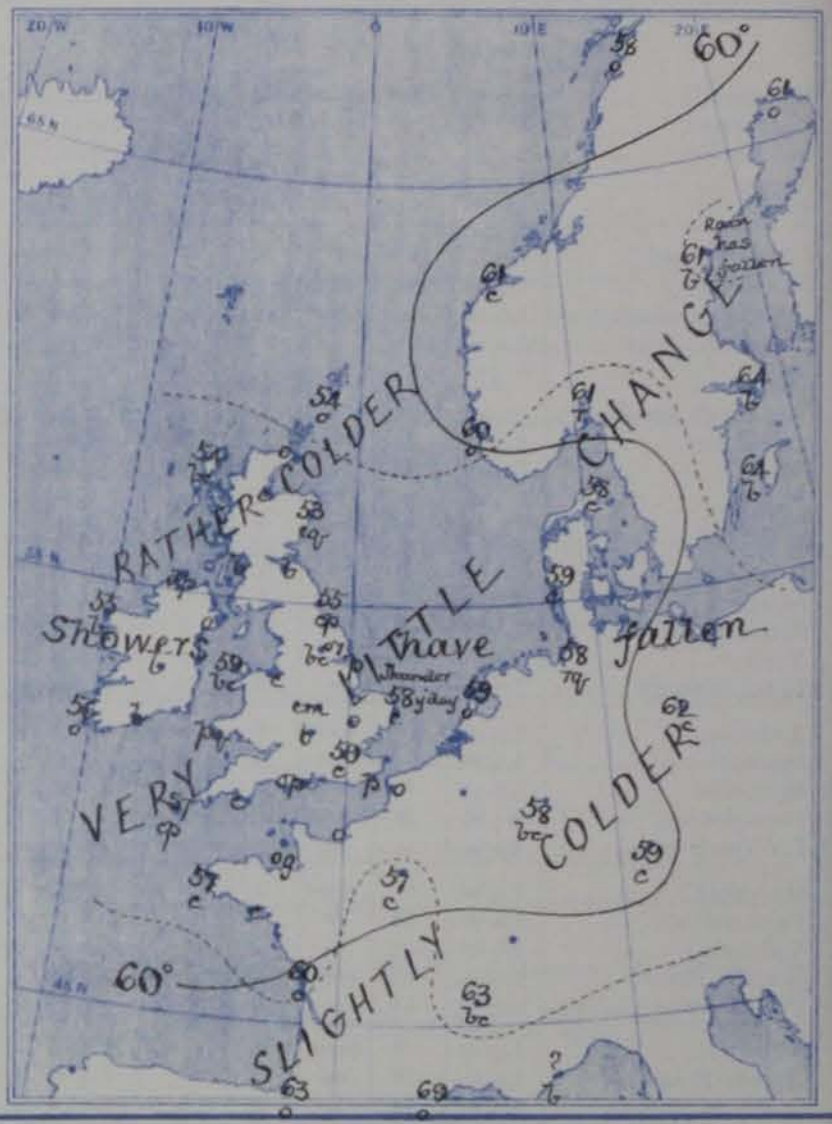
BAROMETER, WIND AND SEA.

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



TEMPERATURE & WEATHER.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	137·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·0 ins: and upwards, in an anticyclone lying over the Spanish Peninsula, the Bay of Biscay, and the southwest of France.
Lowest, 29·3 ins: and less, in a small depression over Denmark; 29·4 ins: and less in a shallow system off the northwest of Norway.
Gradients slight generally, but moderate over North Germany and the southern parts of the North Sea.
Barometer rising a little at all but the Danish stations.

TEMPERATURE

Highest, (1) 69° at Perpignan, 68° at Lisbon, 63° at Lyons and Biarritz; (2) 64° at Stockholm and Wisby.
Lowest, 51° at Wick, 53° at Aberdeen, 54° at Lerwick, Stornoway, Nairn, and Malin Head, and 55° at Shields and Belmullet.
The maxima registered yesterday were below 60° at several of our western and extreme northern stations, and below 65° in many other parts of the United Kingdom.

WIND

Light to fresh from the W. or NW. over the greater part of our Islands, France, and the Netherlands, but N. in the north of Scotland.
Moderate to strong from the SW. over Denmark and Germany; light from the S. at most of the Scandinavian stations.

WEATHER

Changeable and showery over the greater part of Western Europe, but fine and bright in Sweden.
Showers fell yesterday over nearly the whole of the United Kingdom, and heavy rain at York. Considerable amounts of rain are reported over Denmark and Germany.

SEA

Moderate to smooth generally, but rather rough at Liverpool and Pembroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Small secondary depressions are still moving eastwards across the United Kingdom, and showery unsettled weather seems likely to continue in most districts.

FORECASTS

For the 24 hours ending at NOON on 20th JULY, 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. and NW. winds, light; fair generally but perhaps local showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	W. and NW. winds, moderate; some showers with bright intervals.
6	SCOTLAND WEST	Same as Nos 0 and 1.
7	ENGLAND N.W.	NW. winds, fresh; changeable, some showers.
8	ENGLAND S.W.	
9	IRELAND NORTH	W. and NW. winds, moderate; fair to showery.
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 S.W.). Should it appear likely that a gale beginning from between W. and S.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·39	63	54	SSE	4	c	4	Valencia	29·89	57	53	W	5	op	5
Sumburgh Head	29·41	57	54	N	4	c	3	Scilly	29·87	60	56	WNW	6	bc	4
Stornoway	29·59	61	57	NE	4	b	4	Jersey	29·86	63	59	WSW	5	c	4
Aberdeen	29·48	59	56	NW	6	cq	4	Hurst Castle ...	29·75	64	62	WNW	4	o	3
Shields	29·50	58	56	NE	2	cp	2	Dungeness ...	29·67	62	57	W	6	c	4
Ardrossan	29·55	64	61	WNW	5	b	3	North Foreland	29·64	62	58	WNW	5	c	4
Malin Head ...	29·64	58	55	NW	4	o	3	London (Westminster)	29·66	66	57	WNW	3	c	*
Belmullet	29·74	57	55	W	2	o	*	Yarmouth ...	29·56	62	57	W	5	c	3
Holyhead	29·66	62	59	W	6	bc	5	Rochefort ...	29·96	63	63	WSW	5	r	*

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

Weather cloudy and showery over the greater part of western and central Europe. Fine in Denmark and the south of Sweden as well as over the southern and southeastern countries generally. Showers falling during day in nearly all parts of the United Kingdom and considerable amounts of rain at the Danish and German stations.

Temperature fallen in most countries, but risen in Sweden, as well as in Spain, northern Italy, Austria, and Poland. Morning readings highest 84° at Brindisi, Patras, and Athens, 80° at Barcelona, and 78° at Trieste; above 70° over southern and southeastern Europe generally, and above 65° over Poland and the Baltic Provinces. Lowest 54° at Holyhead and Liverpool, and 55° at Spurn Head, Malin Hd, Parrsontown, and Pembroke. Daily maxima below 60° at several of our own western and extreme northern stations, and below 65° in many other parts of the United Kingdom. Rising to 73° at Paris to 75° at Berlin and Nice, to 80° at Lisbon, and to 90° at Perpignan.

Wind light to moderate from the N.ward in the north of Scotland, and from the NW.ward in Ireland; moderate to strong from the W.ward over England and the west and north of France, and from the SW.ward over the Netherlands, Denmark, Germany, Sweden, and the Baltic; light from the E.ward or SE.ward in the west of Norway. Light from between S and E. in Russia; variable in Austria and Italy; N.ward in Spain and the south of France. No important change occurring during day.

Barometer highest 30·1 ins. and upwards in an anticyclone stretching from the Atlantic over the northwestern part of the Spanish Peninsula. Lowest 29·4 ins. and less, in a large depression over Scandinavia and the northern parts of the North Sea; 29·8 ins. and less, in a shallow area over Turkey and Greece. Small secondary disturbances moving eastwards across our Islands during day, but barometer rising a little in most places.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 20th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.54	60	SSW	2	b	29.59	+.10	63	59	+ 2	S	2	bc	*	b	*	64	57	0.08
	Hernösand ...	29.50	59	S	2	o	29.54	+.08	60	55	- 1	S	6	o	*	o	*	68	55	-
	Stockholm ...	29.54	59	SSE	2	o	29.50	-.04	60	55	- 4	S	o	c	*	o	*	70	54	-
	Wisby	29.57	58	S	2	b	29.50	-.09	60	54	- 4	NW	4	c	*	b	*	72	52	0.79
	Bodö	29.44	62	SW	1	o	29.51	+.13	60	56	+ 2	N	o	o	o	o	*	63	55	-
	Christiansund ...	29.50	60	NNW	2	f	29.58	+.17	60	57	- 1	NE	3	c	2	f	*	64	57	?
	Skudesnaes ...	29.51	60	SE	1	o	29.58	+.16	60	58	o	NNW	2	r	2	o	*	63	54	
	Færder (Christiania Fjord)	29.49	63	W	4	b	29.54	+.09	64	60	+ 3	SSE	2	b	1	b	*	64	59	-
	Skagen (The Scaw)	29.47	58	NE	1	b	29.53	+.12	60	58	+ 2	W	2	b	o	b	*	73	54	-
	Fanö	29.59	59	W	6	c	29.69	+.39	57	55	- 2	W	6	c	*	c	*	64	55	0.12
British Islands.	Sumburgh Head	29.60	55	N	3	c	29.67	+.16	53	50	- 1	NW	1	c	2	op,c	*	58	50	0.05
	Stornoway ...	29.68	57	NE	3	o	29.67	+.01	57	55	+ 3	SW	4	bc	4	c,o	7.6	61	54	0.10
	Wick	29.71	54	NW	2	bc	29.71	+.09	56	54	+ 5	NW	2	o	2	bc	*	56	42	-
	Nairn	29.66	64	N	o	b	29.69	+.07	58	56	+ 4	W	1	bc	1	b	*	65	51	-
	Aberdeen ...	29.71	56	S	2	bc	29.74	+.11	57	55	+ 4	NNW	1	c	1	bc	5.4	61	45	0.05
	Leith	29.67	68	W	2	bc	29.76	+.12	60	54	o	W	2	bc	*	bc	*	72	50	0.01
	Shields	29.72	56	E	2	bc	29.80	+.16	59	55	+ 4	SW	2	bc	3	c.bc,r	*	59	52	0.02
	Spurn Head ...	29.74	57	ESE	2	bc	29.83	+.19	60	55	+ 3	W	3	bc	3	bc,r.bc	*	63	53	-
	York	29.74	64	W	4	b	29.84	+.17	59	54	+ 1	WNW	3	b	*	b	*	68	53	-
	Loughborough ...	29.81	62	W	4	c	29.89	+.17	59	56	+ 2	W	2	c	*	c q p m	*	67	51	0.01
	Ardrossan ...	29.75	59	WSW	3	o	29.75	+.07	57	55	- 2	S	3	o	2	b,o	*	65	51	-
	Malin Head ...	29.77	57	W	6	o	29.70	.00	56	55	+ 2	SSW	4	op	2	o	*	59	53	0.18
	Belmullet ...	29.85	57	SW	2	c	29.77	-.08	57	55	+ 2	WSW	2	bc	*	c	*	59	52	0.05
	Donaghadee ...	29.82	57	NNW	2	o	29.80	+.08	55	55	- 1	SW	3	c	1	o	*	61	55	0.34
	Liverpool (Bidston)	29.82	59	W	4	bc	29.85	+.12	61	56	+ 3	WSW	1	bc	2	bc	*	61	52	-
	Holyhead ...	29.85	58	SW	3	b	29.85	+.09	59	56	o	SW	3	cm	2	c,b	*	65	52	-
	Parsonstown ...	29.88	60	SW	1	o	29.82	-.04	57	55	+ 1	SW	1	c	*	c,o	5.1	63	51	-
	Valencia ...	29.91	58	SW	3	o m	29.84	-.10	58	57	+ 2	SW	2	o	3	c,o m	0.5	60	55	0.06
	Roche's Point ..	29.92	59	W	4	c	29.86	-.04	57	55	o	SW	3	c	3	c	*	63	52	-
	Pembroke (St. Ann's Hd.)	29.91	57	NNW	5	o	29.90	+.05	57	56	+ 2	WSW	3	o	4	c,o	6.2	60	54	-
	Scilly	30.00	60	W	4	c	29.91	-.02	60	58	+ 3	S	3	o	3	c	8.0	62	56	-
	Prawle Point ...	29.95	59	W	4	bc	29.95	+.08	55	54	- 3	WSW	2	cm	1	c.bc	*	62	53	-
	Jersey (St Aubin's)	30.00	61	W	5	bc	30.02	+.11	60	56	o	SW	4	oq	3	bc	*	64	55	-
	Hurst Castle ...	29.83	67	NNW	2	c	29.95	+.15	61	59	+ 3	SW	3	c	3	op,c	*	68	57	0.03
	Dungeness ...	29.83	62	W	4	c	29.95	+.19	61	57	+ 4	W	3	c	2	c	*	65	52	0.06
	North Foreland	29.88	64	W	3	bc	29.94	+.22	58	56	- 2	W	2	cp	2	c q p	*	66	53	0.04
	London (Brixton) ...	29.85	61	NNW	2	op	29.95	+.20	61	55	+ 2	SW	2	bc	*	c p,b	3.0	68	51	0.02
	Oxford	29.88	59	W	2	bc	29.93	+.17	58	55	o	SW	2	o	*	c.bc	*	66	53	-
	Cambridge ...	29.81	63	NW	1	o	29.91	+.18	59	56	+ 1	WSW	1	b	*	o	1.3	66	50	-
	Yarmouth ...	29.79	60	SSE	1	c	29.87	+.20	59	55	+ 1	W	3	bc	2	c p t, c	*	62	51	0.09
Germany & Holland	Cuxhaven ...	29.62	61	W	5	r	29.78	+.31	60	58	+ 2	WSW	3	bc	*	r	*	64	58	0.20
	Berlin	30.00	61	WSW	3	c	29.88	+.22	59	55	- 3	W	6	c	*	c	*	70	55	-
	Wiesbaden ...	*	-	*	*	*	30.02	+.21	60	56	+ 2	SW	2	c	*	*	*	66	52	0.08
	Munich	30.00	53	SW	3	c	30.13	+.21	57	53	- 2	W	4	c	*	c	*	68	52	0.24
	The Helder ...	29.83	59	WNW	4	bc	29.91	+.26	60	57	+ 1	W	2	c	3	bc	*	63	57	0.01
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.99		57	55		WSW	3	o	*	o	*	63	52	0.28
	Cape Gris Nez ...	29.84	58	W	4	o	29.93	+.20	58	57	+ 1	W	4	o	4	o	*	61	54	-
	Paris	29.97	60	W	3	o	30.08	+.19	58	56	+ 1	W	1	b	*	o	*	70	50	0.04
	Brest	?	60	NW	2	c	?	?	59	57	+ 2	SSW	3	o	3	c	*	63	54	0.04
	Lorient	30.06	61	NNW	5	bc	30.04	+.05	58	56	+ 2	S	3	o	2	bc	*	63	54	-
France &	Rochefort ...	30.08	63	NW	4	bc	30.09	+.05	59	56	- 1	NNW	2	o	*	bc	*	68	55	-
	Belfort ...														*		*			
	Lyons	30.01	66	NNW	2	b	30.10	+.13	61	55	- 2	NNW	1	b	*	b	*	71	54	-
	Nice	29.72	76	SW	2	b	29.93	+.18	68	63	?	E	1	b	0	b	*	79	61	-
	Perpignan ...	30.02	71	NW	3	o	30.09	+.11	69	58	o	N	2	bc	*	o	*	80	63	-
	Biarritz ...	30.10	68	NW	2	bc	30.08	+.02	61	58	- 2	ESE	2	b	2	bc	*	72	53	-
Peninsula.	Corunna ...														*		*			
	Lisbon	29.98	66	NNW	1	b	29.97	-.08	72	61	+ 4	N	5	b	*	b	*	79	64	-
	Azores (P. Delgada)	30.29	69	N	2	bc	30.24	-.09	71	68	+ 1	NE	2	bc	1	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR ..... FRIDAY, 20th JULY, 1894.

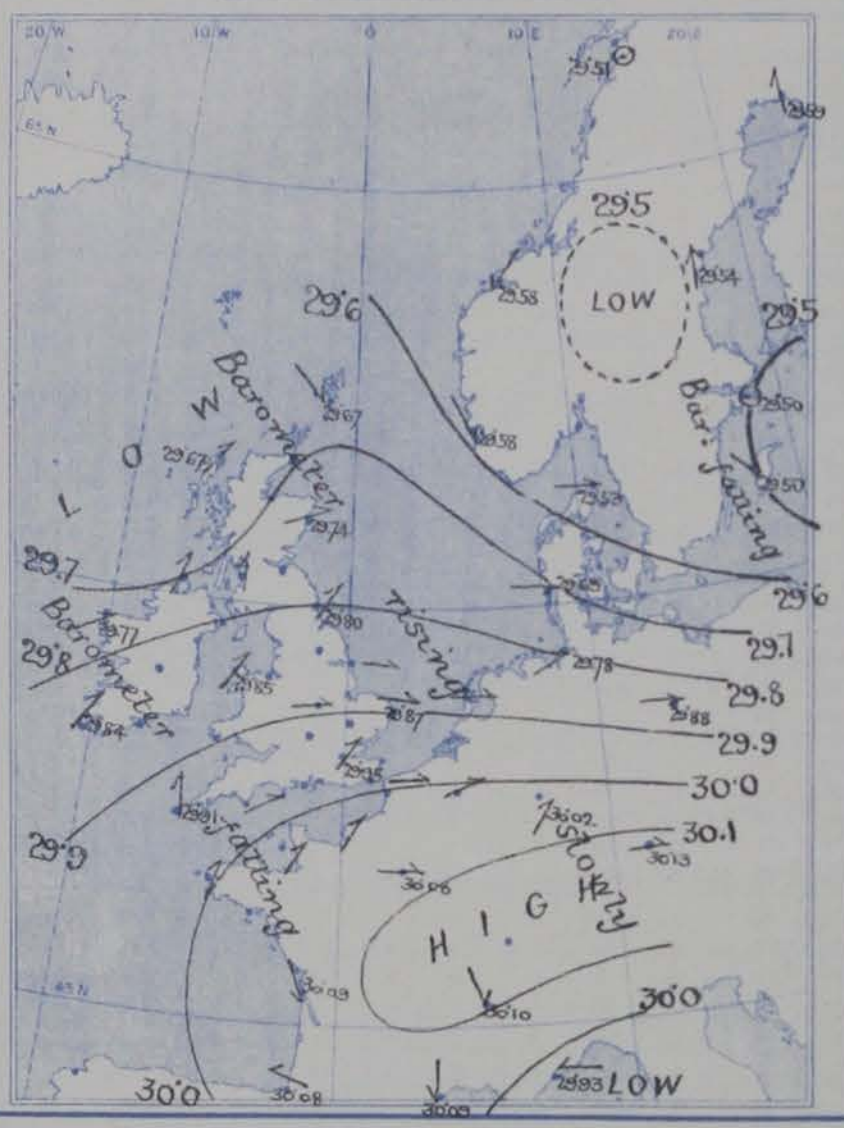
BAROMETER, WIND AND SEA.

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

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

Force above 10 ⇉ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ↣ ; *Force 1 to 4* ⟶ ; } Calm ⊙

SEA—*Rough* ; *High*



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·00	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·9	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE.

Highest, 30·1 ins: and upwards over South Germany and Central France.
Lowest, 29·5 ins: and less, in two shallow depressions,—one lying over Central Scandinavia and the other over the northern part of the Baltic; 29·7 ins: and less, in another system off the west of Scotland.
Gradients slight. Barometer falling a little on the west coasts of our Islands and France, but risen elsewhere.

TEMPERATURE

Highest, (1) 72° at Lisbon, 69° at Perpignan, and 68° at Nice; (2) 64° at Flensburg and 63° at Haparanda.
Lowest, 53° at Lumburgh Hd., 55° at Donaghadee and Roche's Point and 56° at Wick and Malin Head.
The maxima registered yesterday were below 60° on our extreme north and northwest coasts, but above 65° on the central and southeastern parts of the Kingdom; at Leith the thermometer rose to 72°.

WIND

Light from the SW^{ly} over the greater part of the United Kingdom, but W^{ly} on the east and southeast coasts, as well as in Denmark, Germany and the Netherlands.
Variable over the southern parts of France and also in the south of Scandinavia; S^{ly} over the Gulf of Bothnia.

WEATHER

Fair or fine over Western Europe generally, but dull in the extreme southwest of our Islands and the west of France, with mist and drizzling rain at Roche's Point.
Passing showers are falling at the North Foreland and steady rain at Rudesnaes.
Showers fell yesterday in many parts of our Islands, and also over Germany, the Netherlands, and the north of France.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression off the west of Scotland seems likely to spread eastwards, and to occasion cloudy showery weather over the greater part of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 21st July, 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	W^{ly} to S^{ly} winds, light; fine to cloudy and some rain.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	W^{ly} to SW^{ly} or S^{ly} winds, light or moderate; fair to cloudy and showery.

DISTRICTS.		FORECASTS.
6	SCOTLAND WEST	S^{ly} and SW^{ly} winds, moderate or fresh; cloudy, 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 S.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 N.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·48	62	59	SSW	2	c	3
Sumburgh Head	29·57	56	54	N	3	op	3
Stornoway	29·68	58	55	S	3	o	3
Aberdeen	29·68	60	51	NNW	3	bc	3
Shields	29·70	58	55	NE	2	c	3
Ardrossan	29·72	65	62	NSW	1	b	1
Malin Head ...	29·76	56	54	NNW	5	o	8
Belmullet	29·67	59	54	SW	2	c	*
Holyhead	29·83	63	59	WNW	4	c	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·94	60	57	SW	2	c	3
Scilly	29·99	61	57	NNW	4	c	3
Jersey	29·97	63	57	W	5	bc	4
Hurst Castle ...	29·86	61	?	WSW	4	op	3
Dungeness ...	29·78	66	61	W	5	c	4
North Foreland	29·80	66	60	WNW	4	c	3
London (Westminster)	29·80	66	58	WNW	3	c	*
Yarmouth ...	29·74	62	59	NNE	2	cpt	3
Rochefort ...	30·05	66	60	NW	4	bc	*

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

Weather changeable and showery over the greater part of the United Kingdom. Fine and bright in Sweden and also in most parts of southern Europe; cloudy or overcast in the more central countries, with rain at Cuxhaven and Warsaw. Rain falling later in Denmark, Germany, and the north of France, as well as at some of the Swedish stations.

Temperature changed rather irregularly, but fallen a little in most places. Morning readings highest 86° at Brindisi, 83° at Athens, and 81° at Patras and Ifax, above 75° at many of the Mediterranean and Adriatic stations, above 70° in the south of Russia, and above 65° over Central Finland. Lowest 51° at Wick, 53° at Aberdeen, and 54° at Sumburgh Head, Stornoway, Nairn, and Malin Head. Daily maxima below 60° on our extreme north and northeast coast, but thermometer exceeding 65° at many of our central and southeastern stations, and reaching 72° at Leith. Exceeding 75° in the south of France and rising to 80° at Perpignan.

Wind light to fresh from the W^ard or NW^ard over the greater part of our Islands, France, and the Netherlands; moderate to strong from the SW^ard over Denmark and Germany, light from the S^ard over the Baltic, Finland and the greater part of Scandinavia. Variable in Italy, Algeria, and the south of France, chiefly N^ly over the Spanish Peninsula. Subsequently backing to the SW^ard at several of our more western stations, and to the S^ard in the east of Scotland; no important change occurring elsewhere.

Barometer highest 30·0 in. and upwards over the Bay of Biscay, the southwest of France, and the western and northern parts of the Spanish Peninsula. Lowest 29·3 in. and less, in a well marked depression over Denmark; 29·4 in. and less, in a shallow system off the northwest of Norway. Small secondary disturbances moving southeastwards across the United Kingdom. New depression beginning to approach our Islands from the westward 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 21st July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29·58	60	SW	0	0	29·59	·00	63	59	0	ENE	2	0	*	0	*	68	57	-
	Hernösand ...	29·65	58	S	2	b	29·62	+·08	62	58	+ 2	S	4	0	*	b	*	70	53	-
	Stockholm ...	29·59	59	SW	0	b	29·70	+·20	64	59	+ 4	SW	2	b	*	b	*	68	54	0·04
	Wisby	29·71	62	W	6	b	29·80	+·30	60	57	0	SW	6	c	*	b	*	66	52	-
	Bodö	29·57	60	NW	1	c	29·62	+·11	57	55	- 3	NW	1	0	1	c	*	64	55	0·02
	Christiansund ...	29·68	59	N	2	0	29·77	+·19	60	55	0	SW	2	bc	2	0	*	63	57	-
	Skudesnaes ...	29·75	59	NW	3	0	29·83	+·25	60	54	0	WNW	2	c	2	c0	*	64	52	?
	Færder (Christiania Fjord)	29·57	63	SSE	3	bc	29·62	+·08	60	60	- 4	NNW	2	0	3	bc	*	66	59	0·08
	Skagen (The Scaw)	29·62	60	W	3	bc	29·72	+·19	62	57	+ 2	WNW	5	b	1	bc	*	66	57	-
	Fanö	29·83	58	NNW	4	c	29·89	+·20	60	56	+ 3	NNW	4	c	*	c	*	64	57	-
British Islands.	Sumburgh Head	29·70	55	SW	0	c	29·75	+·08	58	55	+ 5	SW	0	c	0	0c	*	56	46	-
	Stornoway ...	29·65	60	SW	4	b	29·72	+·05	57	55	0	SW	0	bc	2	bc, b	6·5	61	51	0·02
	Wick	29·73	59	NW	2	b	29·77	+·06	60	57	+ 4	S	2	b	1	b	*	62	50	-
	Nairn	29·68	58	SW	0	0	29·74	+·05	58	55	0	NNW	1	c	1	0	*	65	47	0·22
	Aberdeen ...	29·74	56	SSW	1	0 g†	29·77	+·03	61	57	+ 4	ESE	1	bc	1	bc t.g†	3·8	62	48	0·24
	Leith	29·74	61	W	2	0	29·78	+·02	63	57	+ 3	SW	0	c	*	tlr.o	*	68	45	0·36
	Shields	29·78	64	SW	2	c	29·80	·00	58	56	- 1	SW	0	ou	2	cp.tlrh	*	67	51	0·19
	Spurn Head ...	29·83	62	S	2	bc	29·81	-·02	59	57	- 1	E	1	0	2	bc	*	66	56	-
	York	29·83	64	W	1	b	29·89	-·01	59	57	0	S	1	c	*	b	*	70	52	0·36
	Loughborough ...	29·88	60	SW	0	c	29·85	-·04	57	56	- 2	SW	0	omw	*	cp.om	*	71	50	0·09
	Ardrossan ...	29·76	61	SW	3	b	29·75	·00	58	56	+ 1	ESE	2	c	1	b	*	61	49	0·01
	Malin Head ...	29·75	59	W	3	b	29·72	+·02	54	53	- 2	SE	1	or	0	c, b	*	62	53	0·10
	Belmullet ...	29·80	59	SW	2	0	29·75	-·02	57	54	0	NNW	2	b	*	c, 0	*	60	54	0·02
	Donaghadee ...	29·80	58	ENE	3	bc	29·77	-·03	55	55	0	ENE	3	f	1	bc	*	66	52	0·15
	Liverpool (Bidston)	29·84	61	W	2	b	29·80	-·05	64	58	+ 3	SW	0	bc	1	b	*	66	55	-
	Holyhead ...	29·85	59	SW	4	cp	29·80	-·05	57	56	- 2	SSW	3	m	2	bcp. cp	*	62	54	0·01
	Parsonstown ...	29·80	66	SW	1	c	29·78	-·04	56	55	- 1	SW	0	or	*	c	5·6	66	54	0·14
	Valencia ...	29·83	60	SW	1	c	29·83	-·01	57	54	- 1	NNW	4	0	4	0, c	1·1	63	54	0·02
	Roche's Point ...	29·84	59	SSW	3	c	29·83	-·03	57	56	0	SSW	1	c	1	bc, c, m	*	64	54	-
	Pembroke (St. Ann's Hd.)	29·87	62	NNW	2	c	29·83	-·07	59	57	+ 2	SSE	1	b	1	bc, c	9·1	62	56	-
	Scilly	29·85	58	ENE	2	0	29·83	-·08	58	57	- 2	WNW	3	c	2	of	0·4	63	57	0·38
	Prawle Point ...	29·88	55	E	2	f	29·81	-·14	57	56	+ 2	SE	2	f	1	rf	*	57	54	0·54
	Jersey (St. Aubin's)	29·91	61	S	4	omr	29·89	-·13	63	61	+ 3	S	4	op	3	rmg	*	63	57	0·44
	Hurst Castle ...	29·93	59	SSW	2	ou	29·82	-·13	60	60	- 1	SSW	2	rm	2	0	*	67	57	0·50
	Dungeness ...	29·96	60	NNW	4	c	29·84	-·11	60	59	- 1	NNW	4	r	4	c	*	65	57	0·84
	North Foreland	29·95	60	SW	4	c	29·84	-·10	61	60	+ 3	SW	3	r	2	c	*	66	56	0·27
	London (Brixton) ...	29·93	62	SW	2	c	29·84	-·11	59	59	- 2	W	1	or	*	c, r	4·8	68	55	0·12
	Oxford	29·90	58	S	3	b	29·88	-·10	55	55	- 3	NE	1	od	*	c, b	*	67	54	0·08
	Cambridge ...	29·89	64	SSW	1	b	29·83	-·08	57	56	- 2	NNE	1	r	*	b	7·6	69	51	0·08
	Yarmouth ...	29·89	64	SW	1	bcp	29·83	-·04	58	57	- 1	ESE	2	or	3	bc, p	*	67	54	0·16
Germany & Holland.	Cuxhaven ...	29·88	60	W	2	b	29·98	+·20	60	59	0	SW	3	b	*	b	*	64	59	0·08
	Berlin	29·97	60	W	3	c	30·06	+·18	61	56	+ 2	WNW	2	b	*	c	*	70	55	0·16
	Wiesbaden ...	*	*	*	*	*	30·06	+·04	61	58	+ 1	SW	0	0	*	*	*	70	55	-
	Munich	30·13	60	NW	1	b	30·15	+·02	63	57	+ 6	SE	2	b	*	b	*	69	48	-
	The Helder ...	29·98	62	SW	4	b	29·95	+·04	61	58	+ 1	SSW	1	c	1	b	*	64	55	-
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29·95	-·04	60	58	+ 3	S	3	r	*	r	*	68	56	0·04
	Cape Gris Nez ...	29·95	57	NNW	3	0	29·86	-·07	59	59	+ 1	NNW	5	r	5	0	*	63	54	0·55
	Paris	30·02	68	SW	2	0	30·01	-·07	62	57	+ 4	S	3	c	*	0	*	69	56	-
	Brest	?	60	SW	3	c	?	?	59	59	0	SW	3	f	4	0	*	61	55	23·23
	Lorient	29·97	60	SSW	6	0	29·93	-·11	61	61	+ 3	SW	5	0	4	0	*	61	57	0·04
France &	Rochefort ...	30·05	68	NW	2	b	30·01	-·08	63	60	+ 4	SE	2	bc	*	bc, b	*	71	57	-
	Belfort														*		*			
	Lyons	30·05	70	NE	1	b	30·09	-·01	63	57	+ 2	E	1	b	*	b	*	74	55	-
	Nice	29·98	72	SE	1	bc	30·02	+·09	71	66	+ 3	E	1	b	0	bc	*	?	61	-
	Perpignan ...	30·01	76	E	1	b	30·06	-·03	71	61	+ 2	N	0	b	*	b	*	63	57	-
	Biarritz ...	30·00	64	ENE	4	b	29·99	-·09	65	63	+ 4	SW	2	b	2	b	*	71	61	-
Peninsula.	Corunna ...														*					
	Lisbon	30·00	66	N	5	b	30·05	+·08	66	62	- 6	N	5	b	*	b	*	64	61	-
	Azores (P. Delgada)	30·23	67	N	2	b	30·23	-·01	72	67	+ 1	N	0	b	1	b	*	71	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR SATURDAY, 21ST JULY, 1894.

BAROMETER, WIND AND SEA.

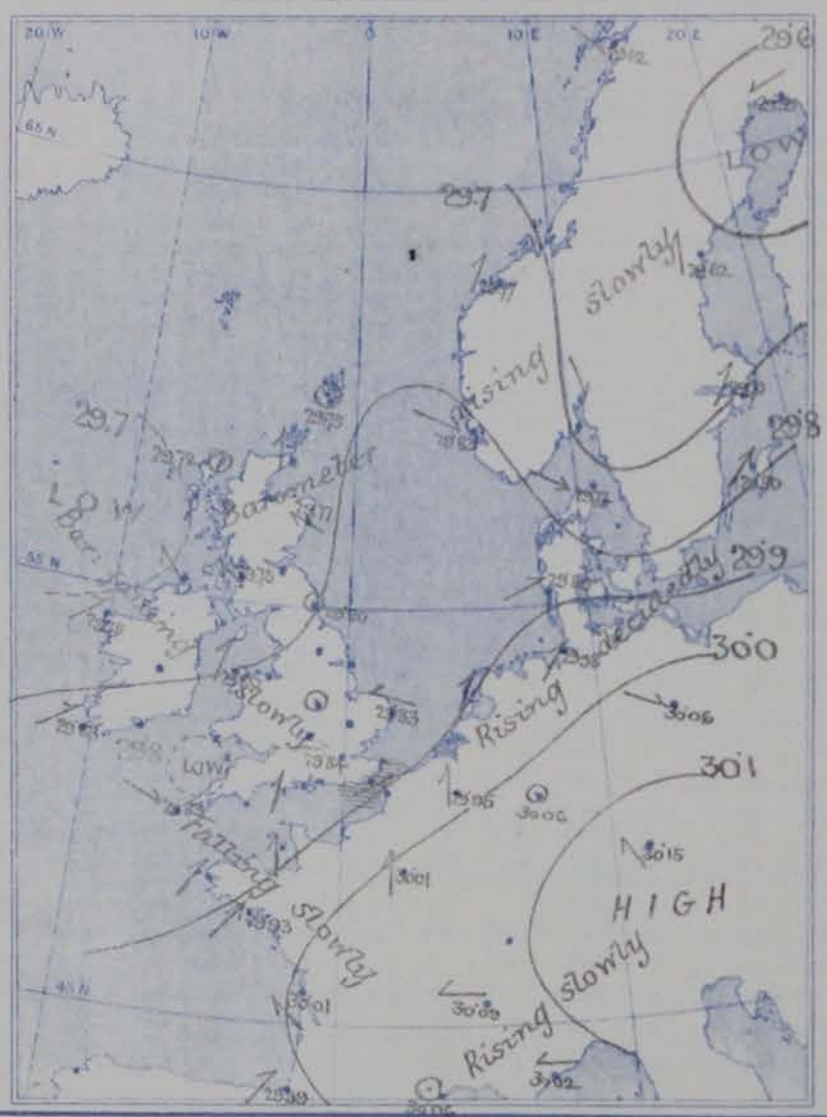
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▭ : High ▭

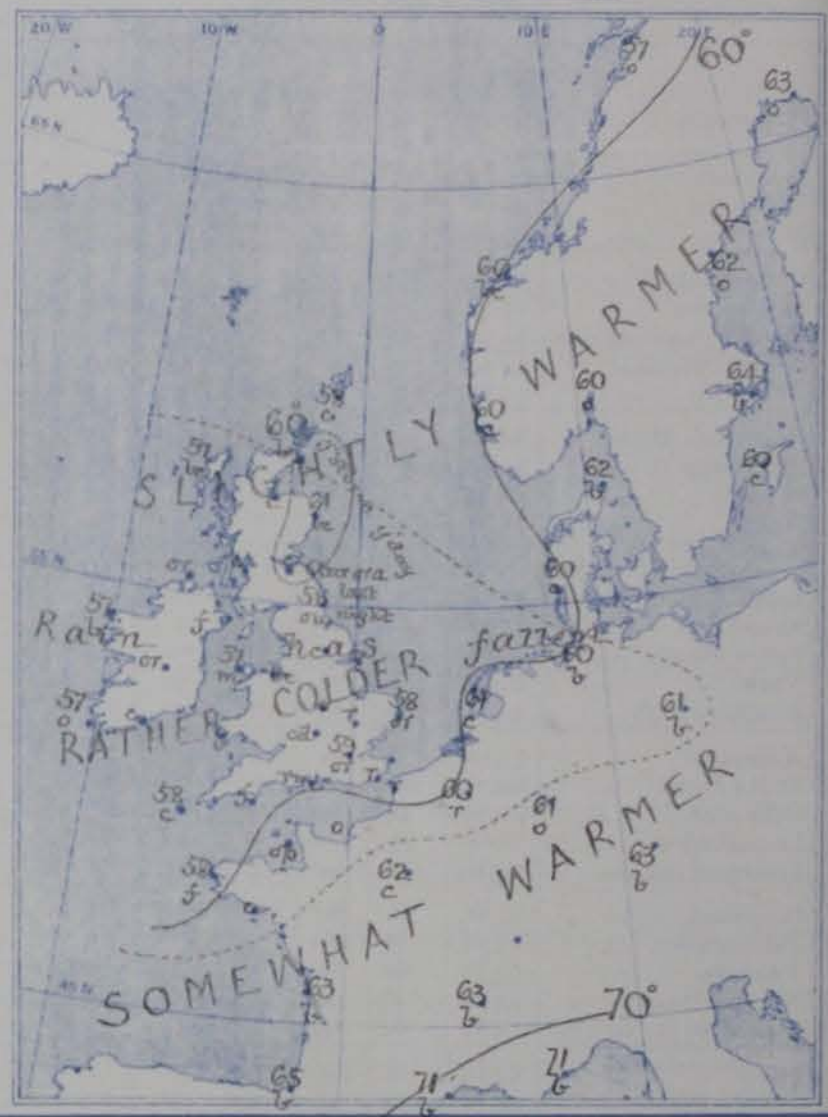


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum	RAINFALL. (25 years 1866–90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90). Hours.	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	56·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·20	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30·1 ins: and upwards over South Germany.
Lowest, 29·6 ins: and less, in a depression over the northern part of the Gulf of Bothnia; 29·7 ins: and less, in another disturbance off the west of Scotland; 28·8 ins: and less, in a small and very shallow system over the Bristol Channel.
Gradients slight. Barometer falling slightly, in many parts of Ireland and England, as well as the Netherlands and the west and north of France, but rising elsewhere.

TEMPERATURE

Highest (1) 71° at Nice; 70° at Perpignan, 65° at Biarritz, and 64° at Liverpool (2) 64° at Stockholm and 63° at Haparanda.
Lowest, 54° at Malin Head, 55° at Donaghadee and Oxford, 56° at Cavendoon, and 57° in several other parts of our Islands as well as at Paris.
The maxima registered yesterday were above 65° in many parts of Great Britain, the highest readings of all being 71° at Loughtrough and 70° at York.

WIND

Very variable over our Islands; light from the E.ᵈ in many parts of England, as well as in the north of Ireland and the west of Scotland; SW.ly in the west of Ireland and the south-east of England.
Light from the S.ᵗʰ over the greater part of France, Germany, and the Netherlands; SW.ly or W.ly over Denmark and the south of Scandinavia; variable in the north of Scandinavia.

WEATHER

Fine in Scotland, but dull at most of the English and Irish stations, with rain in many places, and with fog at Donaghadee and Pembroke D.
Varying greatly in neighbouring parts of the Continent, but fine on the whole.
Since yesterday morning rain has fallen in most parts of the United Kingdom, as well as over the northern parts of France and Germany, the largest amounts being 0·6 in at Cape Gris Nez and 0·5 in at Brandy P.ᵗ and Heart Castle. Thunderstorms occurred yesterday on our north-east coasts. Aurora is reported to have been seen last night at Shields

SEA

Slight or smooth generally, but rather rough at Cape Gris Nez.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The small shallow depression over the Bristol Channel seems likely to fill up, but another disturbance is approaching Scotland from the westward. The weather will probably remain unsettled and showery in most places.

FORECASTS

For the 24 hours ending at NOON on 22ⁿᵈ JULY, 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	S.ly and SW.ly winds, light; fair to showery.
1	SCOTLAND EAST	
2	ENGLAND N.E.	S.ly and SW.ly winds, light; cloudy, some rain.
3	ENGLAND EAST	Variable breezes, finally SW.ly; some rain at first then fair.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	SW.ly winds, light or moderate; weather improving somewhat, but remaining showery.
6	SCOTLAND WEST	SE.ly to SW.ly winds, light; changeable, showery.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	SW.ly and W.ly winds, moderate; changeable, showery.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·67	64	57	NW	6	c	2
Sumburgh Head	29·70	55	51	W	0	o	1
Stornoway	29·67	60	57	SW	4	bc	4
Aberdeen	29·73	61	56	SE	2	bc	3
Shields	29·79	66	60	WSW	2	c p	2
Ardrossan	29·75	61	59	S	4	b	3
Malin Head ...	29·74	59	56	W	5	c	3
Belmullet	29·80	60	55	SW	2	c	*
Holyhead	29·85	61	58	SW	5	bc p	4

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	29·85	63	58	WSW	2	0	3
Scilly	29·87	61	59	SE	3	0	2
Jersey	29·99	60	58	ESE	2	0	2
Hurst Castle ...	29·97	63	62	SW	2	0	2
Dungeness ...	29·97	61	58	WSW	4	c	3
North Foreland	29·95	65	60	SW	4	c	3
London (Westminster)	29·94	66	59	SW	3	c	*
Yarmouth ...	29·89	67	54	W	4	bc	3
Rochefort ...	30·09	71	61	W	3	bc	*

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

Weather fair or fine over the greater part of western and southern Europe, but dull in the extreme southwest of our Island and the west of France, with slight rain at Prawle Point. Dull at several of the Scandinavian, German and Austrian stations, with rain at Skudesnaes. Rain falling later in nearly all parts of the United Kingdom, as well as over the northern parts of France and Germany, amounts large at some of our southern stations. Thunderstorms occurring in the northeast of Great Britain; Aurora seen at Shields.

Temperature fallen a little over Central and southern Europe, but risen in most other localities. Morning readings highest 86° at Brindisi, 84° at Athens, 82° at Odessa and Constantinople, and 81° at Patras, above 70° over southern and eastern Europe generally. Lowest 53° at Sumburgh Hd, 55° at Donaghadee and Prawle Pt, and 56° at Wick and Malin Hds. Rising during day to 65° and upwards in most parts of Great Britain, as well as over Central Ireland, and reaching 71° at Loughborough. Exceeding 75° over the southern parts of France, and rising to 85° at Perpignan.

Wind light from the SW'ly over all the more western and central parts of the United Kingdom, but W'ly on our east and southeast coasts. Light to fresh from the W'ly or SW'ly over Denmark, Germany and the Netherlands; S'ly over Sweden and northern and central Russia, variable in the west of Norway. Variable in the south of Russia, light from the N'ly or NW'ly in Italy, chiefly N'ly or NE'ly in Spain. Subsequently, shifting to the E'ly on some parts of our southwest coasts; no important change occurring elsewhere.

Barometer highest 30·1 ins. and upwards over South Germany and Central France. Lowest 29·5 ins. and less in two shallow depressions — one lying over the northern part of the Baltic and the other over Central Scandinavia, 29·7 ins. and less, in a third disturbance lying off the west of Scotland. Scotch depression subsequently moving northeastward, but shallow disturbance appearing near the mouth of the English Channel; barometer falling rather decidedly at our extreme southwestern stations.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Sunday 22nd July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	29.63	61	Z	0	bc	29.69	+ .10	44	61	+ 1	S	2	c	#	bc	#	70	59	0.51
	Hernosand ...	29.70	61	Z	0	c	29.74	+ .12	62	55	0	NW	4	b	#	c	#	72	59	0.43
	Stockholm ...	29.82	61	SW	2	o	29.86	+ .16	60	58	— 4	W	2	o	#	o	#	73	54	—
	Wisby	29.88	63	WSW	4	o	29.93	+ .13	63	59	+ 3	SSW	4	c	#	o	#	68	55	—
	Bodö	29.72	57	Z	0	o	29.80	+ .18	57	54	0	NW	2	o	1	o	#	57	52	0.24
	Christiansund ...	29.85	63	WNW	1	b	29.88	+ .11	60	55	0	ENE	1	b	1	b	#	63	54	—
	Skudesnaes ...	29.85	61	NNE	1	b	29.87	+ .04	62	57	+ 2	SE	2	b	1	b	#	64	52	—
	Færder (Christiania Fjord)	29.77	64	W	2	b	29.81	+ .19	64	63	+ 4	WNW	2	b	2	b	#	68	60	—
	Skagen (The Scaw)	29.81	58	W	1	bc	29.83	+ .11	62	60	0	NW	1	bc	0	bc	#	68	54	—
	Fano	29.85	58	Z	0	c	29.83	— .06	60	57	0	NW	2	b	#	c	#	68	55	0.12
British Islands	Sumburgh Head	29.78	59	Z	0	c	29.80	+ .05	60	58	+ 2	ENE	2	c	2	c	#	62	51	—
	Stornoway ...	29.72	55	S	2	r	29.75	+ .03	56	54	— 1	Z	0	bc	2	o,r	2.1	59	47	0.75
	Wick	29.77	60	S	2	c	29.79	+ .02	56	55	— 4	SE	1	bc	1	b,c,r	#	64	54	0.10
	Nairn	29.71	56	ENE	1	c	29.76	+ .02	57	54	— 1	WSW	1	b	1	bl-r,c	#	65	47	0.46
	Aberdeen ...	29.77	57	SSE	1	c	29.80	+ .03	60	56	— 1	ENE	1	bc	1	b,c	11.3	62	49	—
	Leith	29.71	61	W	1	r	29.82	+ .04	58	54	— 5	W	2	bc	#	bl-r	#	67	50	0.62
	Shields	29.76	58	SE	2	cp	29.83	+ .03	57	54	— 1	SW	2	c	2	bl-p	#	60	53	0.25
	Spurn Head ...	29.78	59	SE	2	ogv	29.84	+ .03	58	56	0	W	1	o	1	p,ogv	#	63	56	0.09
	York	29.79	61	NNE	1	c	29.86	+ .03	58	56	— 1	W	1	bc	#	bl-r,c	#	67	53	0.34
	Loughborough ...	29.80	68	WSW	1	c	29.89	+ .04	59	56	+ 2	WNW	1	cw	#	c	#	71	52	0.49
	Ardrossan ...	29.73	58	S	2	bc	29.83	+ .08	57	56	— 1	S	2	bcw	2	bl-r,bc	#	64	53	0.21
	Malin Head ...	29.73	59	W	3	b	29.82	+ .10	54	51	0	SW	4	bp	2	p,c,b	#	60	51	0.07
	Belmullet ...	29.81	59	W	2	bc	29.88	+ .13	58	53	+ 1	WNW	2	c	#	bc	#	60	50	0.02
	Donaghadee ...	29.78	57	NNW	3	c	29.87	+ .10	56	54	+ 1	ENE	2	bc	0	c	#	62	53	1.06
	Liverpool (Bidston)	29.80	61	WNW	1	o	29.87	+ .07	59	55	— 5	WSW	1	c	1	o	#	67	54	0.09
	Holyhead ...	29.81	58	SW	2	c	29.88	+ .08	60	56	+ 3	W	1	bc	0	c	#	63	52	0.06
	Parsonstown ...	29.82	62	SW	1	c	29.89	+ .11	56	54	0	NW	1	b	#	c	7.6	62	47	—
	Valencia ...	29.87	58	WSW	3	o	29.92	+ .09	55	53	— 2	WSW	1	c	1	c,o	8.4	61	46	0.02
	Roche's Point ...	29.86	63	W	3	bc	29.90	+ .07	55	52	— 2	WNW	1	bc	2	bc	#	65	50	—
	Pembroke (St. Ann's Hd.)	29.87	57	W	3	o	29.90	+ .07	56	55	— 3	E	1	o,g	0	o	1.2	60	55	0.06
	Scilly	29.94	62	WNW	3	c	29.87	+ .04	57	57	— 1	S	3	r	2	c	7.8	64	56	0.45
	Prawle Point ...	29.89	59	W	2	bc	29.90	+ .09	56	54	— 1	E	1	c	0	bc,cp	#	63	52	0.01
	Jersey (St. Aubin's)	29.95	61	WSW	4	o,g	29.93	+ .04	60	58	— 3	W	3	o,g,m	3	o,b	#	65	56	0.04
	Hurst Castle ...	29.84	64	SW	3	c	29.91	+ .09	60	58	0	Z	0	c	1	o,m,x	#	63	54	—
	Dungeness ...	29.84	62	WSW	4	o	29.90	+ .06	61	59	+ 1	W	2	bc	2	o	#	64	56	0.24
	North Foreland	29.83	65	SW	3	bc	29.90	+ .06	63	60	+ 2	W	2	b	2	r,bc	#	67	55	0.12
	London (Brixton) ...	29.83	67	SW	2	c	29.90	+ .06	58	55	— 1	Z	0	o	#	o,p,z,bc,o	2.9	71	52	0.03
	Oxford	29.83	62	WSW	2	o	29.90	+ .07	57	55	+ 2	SW	1	o	#	o	#	71	52	—
	Cambridge ...	29.87	67	SW	1	c	29.90	+ .07	59	56	+ 2	WSW	1	o	#	c	2.9	70	51	0.01
	Yarmouth ...	29.82	61	NE	2	bcw	29.86	+ .03	58	57	0	W	2	bc	2	bc	#	62	54	0.06
Germany & Holland	Cuxhaven ...	29.82	64	SSW	3	r	29.88	— .10	64	63	+ 4	W	2	c	#	r	#	66	62	0.36
	Berlin	29.98	69	WSW	2	o	29.95	— .11	68	62	+ 7	WSW	3	bc	#	o	#	75	63	—
	Wiesbaden ...	#	#	#	#	#	29.99	— .07	65	?	+ 4	Z	0	c	#	#	#	75	57	0.12
	Munich	30.08	66	SE	2	b	30.12	— .03	67	60	+ 4	SW	2	b	#	b	#	73	52	—
	The Helder ...	29.86	62	WSW	2	o	29.93	— .02	60	58	— 1	W	1	c	1	o	#	64	57	0.85
Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	29.96	+ .01	59	57	— 1	SW	3	o	#	o	#	73	58	—
	Cape Gris Nez ...	29.84	60	WSW	4	o	29.88	+ .02	59	59	0	WSW	2	c	2	o	#	63	55	0.04
	Paris	29.93	75	W	3	bc	29.97	— .04	64	60	+ 2	NNE	1	b	#	bc	#	82	55	—
	Brest ...	?	64	WNW	2	c	?	?	58	57	— 1	SE	3	c	3	c	#	64	55	—
	Lorient	29.98	63	W	4	bc	29.93	.00	55	54	— 6	ENE	3	m	2	bc	#	66	52	—
France &	Rochefort ...	30.03	68	NW	4	b	29.96	— .05	66	62	+ 3	E	1	o	#	b	#	73	59	—
	Belfort ...														#		#			
	Lyons ...	29.98	87	E	1	b	29.98	— .11	69	61	+ 6	SSE	1	b	#	b	#	84	60	—
	Nice	30.00	75	SW	2	b	30.01	— .01	76	65	+ 5	E	1	b	0	b	#	82	66	—
	Perpignan ...	29.98	77	NE	2	bc	29.99	— .07	66	65	— 5	SW	2	o	#	bc	#	83	62	—
	Biarritz ...	30.00	69	W	4	bc	29.93	— .06	66	63	+ 1	SE	2	o	2	bc	#	73	63	—
Peninsula.	Corunna ...																#			
	Lisbon	30.04	66	N	4	b	30.04	— .01	69	63	+ 3	WNW	3	o	#	b	#	79	64	—
	Azores (P. Delgada)	30.25	70	Z	0	bc	30.25	+ .02	72	68	0	Z	0	bc	1	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 roof of the Meteorological Office, Westminster*

WEATHER CHARTS

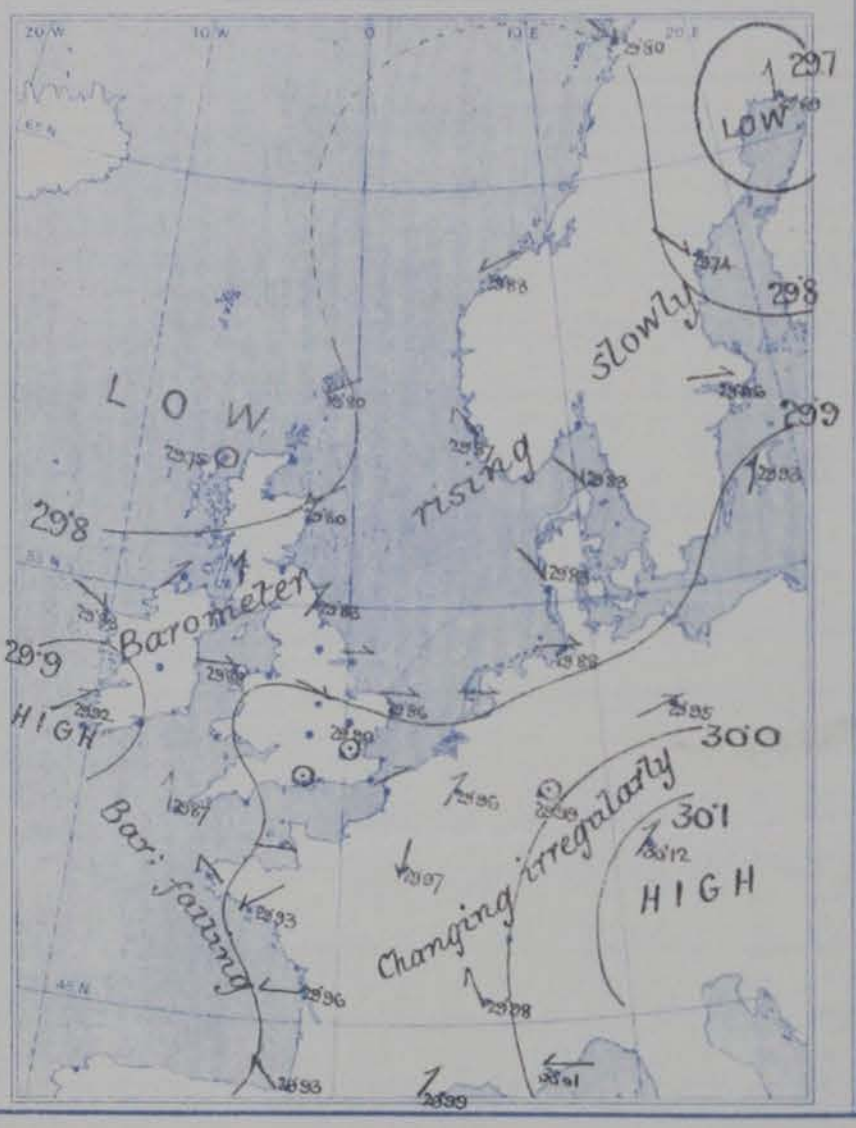
FOR SUNDAY, 22ND JULY, 1894.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows show Directions and Force, flying with the wind.

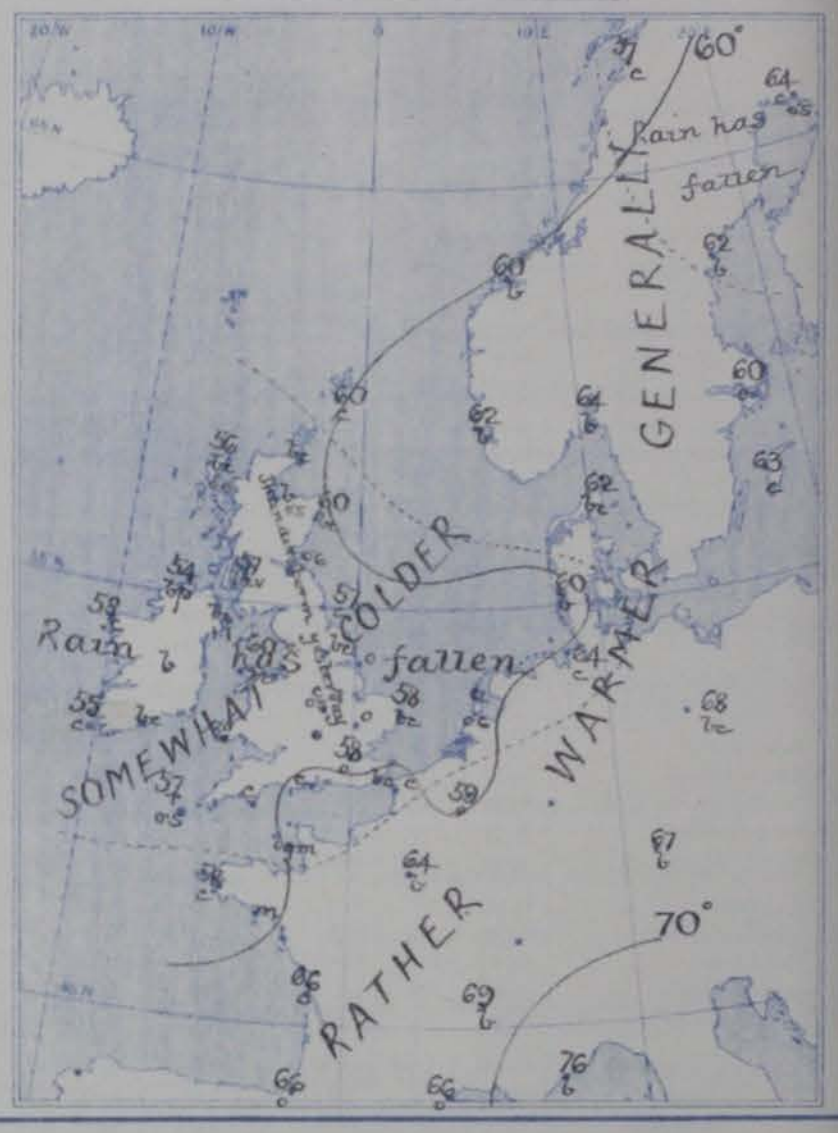
Force above 10 ⟫⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟫⟶ ; *Force 1 to 4* ⟶ ; }

SEA—*Rough* ▒ ; *High* ▓



TEMPERATURE & 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.



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
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Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74		
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Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91		
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82		
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40		
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46		
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest, 30·1 in: and upwards, over South Germany; 30·0 in: and upwards over the south of Portugal; 29·9 in: and upwards in the south of Ireland. Lowest, 29·7 in: and less, in a depression over the north of Sweden; 29·8 in: and less, in another disturbance over the north of Scotland. Gradients slight. Barometer falling a little in the southwest of England and the west of France, but rising elsewhere.

TEMPERATURE — Highest, 76° at Nice, 69° at Lyon and Lisbon, 68° at Berlin, 67° at Munich, and 66° at Rochefort, Biarritz and Perpignan. Lowest, 54° at Malin Hd. 55° at Valencia (Ireland) and Roche's Point, and 56° at Stornoway, Donaghadee, Pierremoron, Pembroke and Hawk Pt. The highest maxima registered over our Islands yesterday were 71° at Loughborough, Oxford, and in London, and 70° at Cambridge.

WIND — Light and somewhat variable, — W. over Ireland and the north and east of England, as well as in Sweden, Denmark, north Germany, the Netherlands. E. in the north and east of Scotland and the west of Norway, as well as in the southwest of England and the west of France; variable over the central and southern parts of France.

WEATHER — Fair or fine over the greater part of western Europe, but dull over Central England and the west of France, and rainy at Scilly. Thunderstorms and heavy rain occurred yesterday at several of our northern stations, the largest amounts being 1·1 in: at Donaghadee, 0·8 in: at Stornoway and 0·6 in: at Leith. Showers fell in most other parts of the United Kingdom.

SEA — Smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 23rd July, 1894.

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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29.86	54	51	W	2	b	2	Valencia	29.86	59	54	WSW	4	cp	4
Sumburgh Head	29.78	59	57	E	1	c	0	Scilly	29.90	62	59	WNW	4	c	2
Stornoway	29.73	59	55	S	2	o	2	Jersey	29.91	64	61	WSW	5	c	4
Aberdeen	29.77	61	56	SE	2	b	2	Hurst Castle ...	29.83	62	62	SSW	3	om	3
Shields	29.78	60	58	SE	2	o	2	Dungeness ...	29.84	64	61	SW	5	o	4
Ardrossan	29.73	63	61	L	0	bc	1	North Foreland	29.82	65	62	SW	4	r	2
Malin Head ...	29.72	58	56	W	3	c	1	London (Westminster)	29.82	66	61	SW	2	c	*
Belmullet	29.82	60	55	W	2	bc	*	Yarmouth ...	29.80	62	60	NE	2	bc	3
Holyhead	29.81	62	58	SW	4	cm	3	Rochefort ...	30.02	70	65	NW	3	b	*

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

Weather in morning fine in Scotland, but cloudy over England and Ireland, with rain in many places. Fine and bright over the greater part of Central and southern Europe; cloudy in most of the northern countries. Some improvement taking place later over the southern parts of the United Kingdom, but thunderstorms and heavy rain occurring in the north. Large quantities of rain falling also in some parts of Sweden, Denmark, and the Netherlands.

Temperature changed rather irregularly, but risen in most places. Morning readings 84° at Palma and Brindisi, 83° at Algiers and 81° at Barcelona, Tunis and Malta; above 70° over southern and southeastern Europe generally. Lowest 54° at Malin Hd., 55° at Douglas and Oxford, 56° at Parsonstown, and 57° in several other parts of our Islands as well as at Belle. Daily maxima below 65° at most of our coast stations, but thermometer rising to 70° or a little more over the central part of England. Exceeding 80° in several parts of France and southern Europe, the highest readings of all being 98° at Madrid, and 91° at Toulouse, Croisette, and Sanguinaire.

Wind light and variable over our Islands. Light to moderate from the S.E. or S.W. over France and the Netherlands, and from the S.W. or W. over Denmark, North Germany, the Baltic and the south of Scandinavia. Variable over the greater part of southern and eastern Europe, but N. or N.E. over the Spanish Peninsula. Light W. or S.W. breezes setting in later over Ireland and England, and S.E. or S. breezes in Scotland; wind shifting to the W. in the west of France; no important change occurring elsewhere.

Barometer highest 30·1 in. and upwards over South Germany; 30·0 in. and upwards over the greater part of central and southern Europe. Lowest 29·6 in. and less, in a depression over the north of Sweden; 29·7 in. and less, in another disturbance off the west of Norway; 29·8 in. and less, in two small and very shallow secondary systems lying respectively over the east of England and over the Bristol Channel. Scotch depression subsequently spreading eastwards over the north of our Islands; secondary system in south moving northeastwards and filling up.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 23rd July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.					Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.55	61	SW	0	0	29.59	−.10	62	60	−2	SW	0	0	#	0	#	68	57	—
	Hernösand ...	29.82	61	SW	0	b	29.93	+.19	64	51	+2	WNW	4	b	#	b	#	71	52	—
	Stockholm ...	29.88	60	SW	0	0	29.98	+.12	64	58	+4	WSW	2	b	#	0	#	72	57	0.24
	Wisby	29.91	60	S	2	bc	30.04	+.11	62	59	−1	WNW	2	b	#	bc	#	68	55	0.04
	Bodö	29.92	54	NW	2	0	29.98	+.18	52	50	−5	NNW	2	0	1	0	#	57	50	—
	Christiansund ...	?29.92	60	N	1	r	30.03	+.15	59	56	−1	ESE	1	c	3	r	#	66	55	0.08
	Skudesnaes ...	29.94	61	NNW	1	c	29.93	+.12	62	58	0	SW	0	0	1	c	#	64	54	—
	Færder (Christiania Fjord)	29.86	62	SW	3	b	29.98	+.17	61	60	−3	NNW	2	0	2	b	#	66	61	—
	Skagen (The Scaw)	29.91	60	W	1	m	29.97	+.14	62	58	0	S	1	m	0	m	#	72	55	—
	Fanö	29.93	60	SW	0	c	29.94	+.11	63	61	+3	ENE	3	c	2	c	#	70	57	—
	Sumburgh Head	29.86	59	ENE	2	r	29.96	+.16	52	54	−6	NE	2	r	3	r	#	63	52	0.36
	Stornoway ...	29.85	59	NW	2	bc	29.99	+.24	59	57	+3	N	2	bc	3	bc	7.3	62	52	0.04
	Wick	29.86	59	SE	2	bc	?30.01	+.22	57	56	+1	N	2	c	1	r,bc	#	63	53	0.02
	Nairn	29.84	62	NE	1	bc	29.97	+.21	55	54	−2	WSW	1	c	1	bc	#	67	47	—
	Aberdeen ...	29.86	59	SE	1	b	29.97	+.17	59	55	−1	NW	2	c	1	bp,b	7.9	63	51	0.01
	Leith	29.83	63	W	1	c	29.96	+.14	54	52	−4	W	2	om	#	c	#	68	49	0.04
	Shields	29.86	61	SE	2	c	29.92	+.09	56	55	−1	NNE	3	r	2	p,c	#	62	51	0.05
	Spurn Head ...	29.86	59	S	2	o	29.84	.00	58	57	−1	NNE	2	p	2	og,r	#	66	55	0.16
	York	29.87	63	S	1	o	29.89	+.03	57	56	−1	N	1	r	#	o	#	70	54	0.25
	Loughborough ...	29.88	65	W	1	o	29.86	−.03	55	54	−4	N	2	ogmr	#	cogmr	#	69	53	0.28
British Islands.	Ardrossan ...	29.86	61	S	3	b	29.95	+.12	60	55	+3	NW	1	b	0	b	#	61	47	—
	Malin Head ...	29.87	56	N	1	op	30.00	+.18	51	53	+3	N	3	o	1	c,op	#	61	53	0.02
	Belmullet ...	29.95	58	NW	2	b	30.05	+.17	58	56	0	N	2	b	#	bc,b	#	60	54	0.09
	Donaghadee ...	29.89	59	SW	3	bc	29.96	+.09	58	56	+2	N	4	b	2	bc	#	62	55	0.01
	Liverpool (Bidston)	29.88	60	NW	1	o	29.89	+.02	56	54	−3	NE	1	r	?	o	#	64	54	0.01
	Holyhead ...	29.90	58	NNW	1	c	29.92	+.04	58	54	−2	N	3	b	2	c	#	61	53	—
	Parsonstown ...	29.91	61	NW	1	o	30.01	+.12	52	50	−4	SW	1	c	#	c,o	6.6	66	44	—
	Valencia ...	29.93	61	NNW	3	bv	30.03	+.11	56	54	+1	NNW	4	o	4	bv	11.9	63	51	0.01
	Roche's Point ..	29.89	58	SSE	1	bc	29.99	+.09	57	52	+2	N	4	b	3	bc	#	62	50	—
	Pembroke (St. Ann's Hd.)	29.88	55	ENE	2	r	29.88	−.02	58	54	+2	NE	3	b	1	r	0.0	58	53	0.12
	Scilly	29.79	55	E	4	r	29.86	−.01	58	55	+1	NNE	5	c	3	r	0.0	58	53	0.85
	Prawle Point ...	?	54	ENE	3	r	29.81	−.09	56	55	0	NE	5	c	2	r	#	59	51	0.98
	Jersey (St. Aubin's)	29.80	68	E	3	c	29.79	−.14	62	61	+2	SE	2	od	2	cg,l	#	70	59	0.03
	Hurst Castle ...	29.83	63	E	2	o	29.77	−.14	60	59	0	NNE	2	og	2	o	#	64	58	0.01
	Dungeness ...	29.86	63	SW	0	bc	29.74	−.16	65	62	+4	W	1	c	0	bc	#	66	60	—
	North Foreland	29.88	65	S	2	bc	29.74	−.16	64	62	+1	S	3	c	3	c,bc	#	67	59	—
	London (Brixton) ...	29.85	66	S	1	o	29.78	−.12	58	57	0	SW	0	ogm	#	c,o,op	1.9	71	58	0.06
	Oxford	29.87	59	NNW	1	r	29.82	−.08	55	54	−2	NNE	2	or	#	or	#	67	54	0.77
	Cambridge ...	29.87	66	SW	1	r	29.81	−.09	56	56	−3	N	2	r	#	r	2.0	71	54	0.68
	Yarmouth ...	29.88	63	ESE	2	c	29.79	−.07	59	58	+1	N	3	otlr	3	c	#	65	57	0.51
Germany & Holland.	Cuxhaven ...	29.95	65	N	2	b	29.97	−.09	60	63	+1	SSE	2	o	#	b	#	69	64	—
	Berlin	29.95	75	NNE	2	bc	29.98	−.03	72	66	+4	ESE	2	b	#	bc	#	82	66	—
	Wiesbaden ...	*	*	*	*	*	29.96	−.03	68	65	+3	SW	0	b	#	*	#	81	59	0.08
	Munich... ..	30.06	70	SE	2	b	30.06	−.06	69	64	+2	E	3	b	#	b	#	79	56	—
	The Helder ...	29.96	62	WSW	1	b	29.85	−.08	64	61	+4	ESE	2	b	1	b	#	66	59	—
	Brussels (9 a.m.) ...	*	*	*	*	*	29.80	−.16	66	64	+7	ESE	1	o	#	bc	#	75	59	0.20
	Cape Gris Nez...	29.85	62	E	1	bc	?	?	65	63	+6	WSW	1	m	2	bc	#	64	57	—
	Paris	29.80	77	E	1	b	29.82	−.15	72	65	+8	SSW	3	c	#	b	#	80	66	—
	Brest	?	60	SSE	2	r	?	?	61	61	+3	E	2	m	3	r	#	63	55	1.26
	Lorient... ...	29.79	63	SSE	4	o	29.76	−.17	62	62	+7	SE	3	r	2	o	#	68	52	—
France & Belgium.	Rochefort ...	29.83	68	NW	3	b	29.81	−.15	65	65	−1	NE	1	o	#	b	#	73	63	0.08
	Belfort	?	75	SW	1	b	?		73	61		S	1	b	#	b	#	74	59	—
	Lyons	29.83	83	S	2	b	29.91	−.07	71	59	+2	ESE	1	c	#	b	#	88	62	—
	Nice	29.95	78	SW	2	b	29.96	−.05	78	64	+2	E	2	b	0	b	#	86	68	—
	Perpignan ...	29.83	81	SW	3	b	29.89	−.10	72	67	+6	SW	1	o	#	b	#	91	64	—
	Biarritz ...	29.74	70	N	3	b	29.78	−.15	68	64	+2	W	2	c	1	tlr	#	79	64	0.04
Peninsula.	Corunna ...																#			
	Lisbon	29.99	66	WSW	4	o	29.98	−.06	65	59	−4	NW	4	c	#	o	#	77	61	0.08
	Azores (P. Delgada)	30.29	71	NNE	3	b	30.30	+.05	72	69	0	NNW	1	c	0	b	#	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 roof of the Meteorological Office Westminster*

WEATHER CHARTS

FOR MONDAY, 23RD JULY, 1894.

BAROMETER, WIND AND SEA.

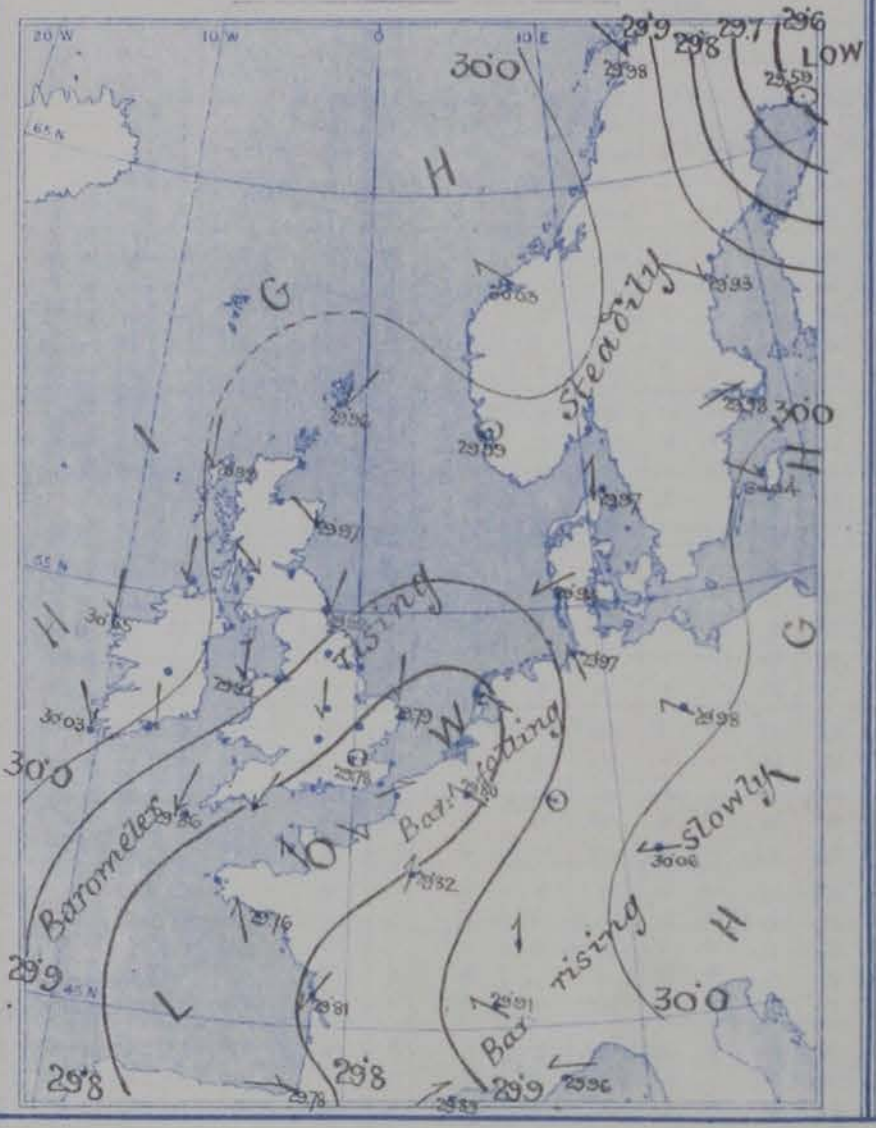
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

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

SEA—Rough ▒ ; *High* ▓

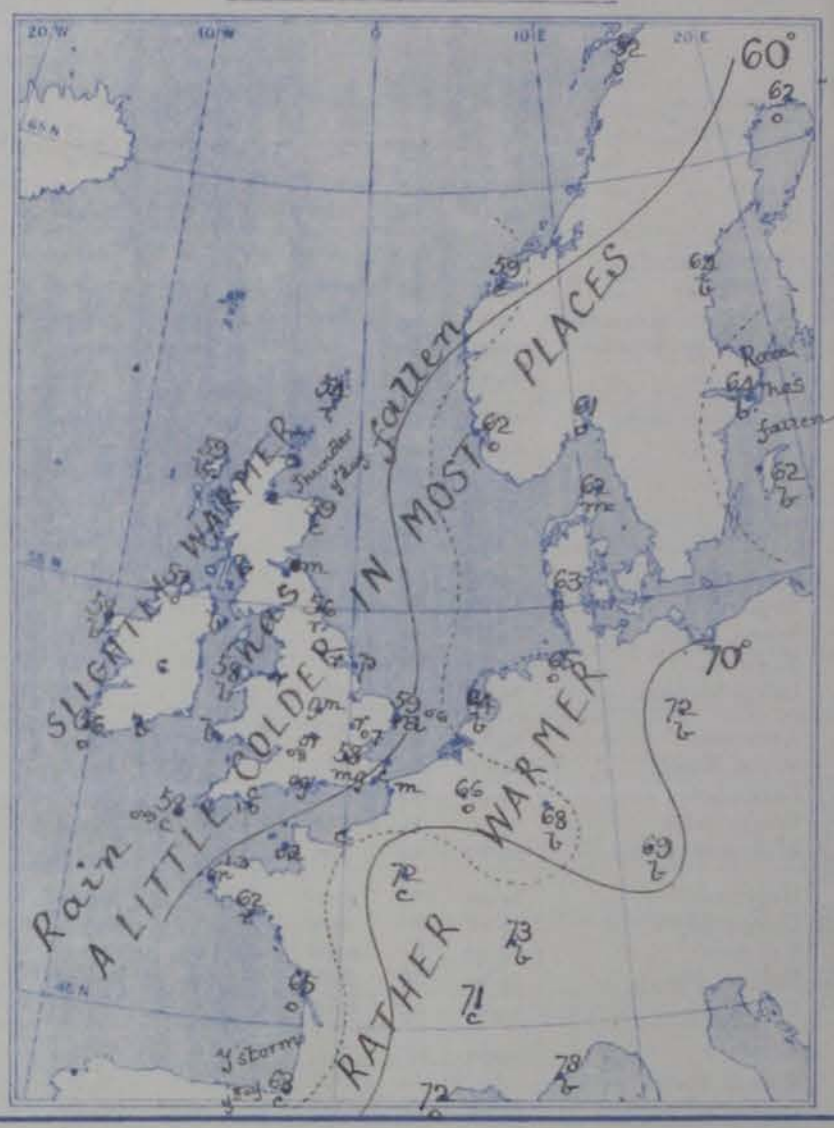


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866–90. (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·6	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·62	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·29	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	197·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 ins. and upwards in a large area spreading from the Atlantic over the west of Ireland and also over the west of Norway, as well as in another system over the Baltic & the eastern & southern parts of Germany.

Lowest 29.6 ins. and less in a depression over Lapland; 29.8 ins. and less in a large shallow system stretching from the Bay of Biscay across the north of France and the southeast of England.

Gradients slight and irregular. Barometer rising generally, but falling a little over the Netherlands and the north of France.

TEMPERATURE

Highest 78° at Nice, 73° at Belfort, 72° at Berlin and Perpignan, 71° at Lyons and 69° at Munich.

Lowest (1) 52° at Bodö; (2) 52° at Parsonstown, 52° at Smerwick Head & Leith, and 55° at Nairn, Loughborough & Oxford.

The highest maxima registered over our islands yesterday were 71° in London & at Cambridge and 70° at York & Jersey.

WIND

Light from the N.W. over the greater part of our islands, but variable in the extreme southeast of England as well as in France.

Light from the E. and SE. over Denmark, Germany and the Netherlands; W. in Sweden; Variable in Norway.

WEATHER

Fine in the Western parts of the United Kingdom, as well as in Sweden, Germany & the south of France.

Cloudy or overcast elsewhere, with rain over the northern, eastern & Central parts of England & with a thunderstorm at Yarmouth.

Heavy rain has fallen over the northwest of France & the south and east of England, the largest amounts being 1.3 in. at Brest, 1.0 in. at Pravle Point, 0.9 in. at Scilly and 0.8 in. at Oxford.

Thunder showers occurred yesterday in the north of Scotland, and a thunderstorm at Biarritz.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depression in the south and southeast appears to be filling up, and the improvement in the weather which has set in over the west and north of our islands seems likely to extend gradually eastwards and southwards.

FORECASTS

For the 24 hours ending at NOON on 24th July 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N.W. winds, light; changeable, Some showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	N.W. winds, light; dull at first, with local thundershowers, improving later.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	N.W. winds, light or moderate; fair generally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	
9	IRELAND NORTH	
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...							
Sumburgh Head							
Stornoway	29.81	60	56	S	3	bc	3
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	29.84	61	56	W	2	c	1
Belmullet	29.93	60	54	NNW	2	bc	*
Holyhead							
Valencia							
Scilly							
Jersey	29.87	64	61	SE	2	c	2
Hurst Castle ...							
Dungeness ...	29.90	64	60	WSW	2	bc	2
North Foreland	29.88	65	61	SSE	2	c	2
London (Westminster)							*
Yarmouth ...							
Rochefort ...							*

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

Weather in morning fine and bright (1) over southeastern and Central Europe, and many parts of the Mediterranean, (2) over Norway and several parts of Scotland and Ireland; cloudy or overcast elsewhere, raining at Copenhagen and at the mouth of the English Channel. Rain falling later in considerable quantities over our southwestern, south-midland and eastern counties, and in smaller quantities over the more northern parts of the Kingdom, thunder and lightning occurring in the east of Scotland & at Biarritz.

Temperature in morning 84° at Patras, 80° and more over Tunis, the east of Spain and at London and Trieste; above 70° over Southern Europe and above 60° over the Central, eastern and northern Counties as a whole. Lowest 54° at Malin Head, 55° at Valencia and Roche's Point, 57° at Oxford, Ardrossan, Nairn & Bodo. Rising later to 70° or 71° in several parts of Great Britain to 77° at Hernösand and to 88° at Lyons.

Wind variable. SE.ly to S.ly over France, SW.ly over Germany and the Baltic; extremely variable and light elsewhere, calm in several places over the South of England. Shifting to the N.wd in the west of Ireland later and to E. and SE. in the south of England and the Channel. Not much change elsewhere.

Barometer highest, 30.1 ins and more to 29.9 ins over Central and Eastern Europe, and exceeding 29.9 ins. in the west of Ireland. Lowest (1) 29.7 ins. and less in a depression over the northern parts of the Gulf of Bothnia; (2) about 29.8 ins. over Russia; (3) about 29.85 ins. in a small depression off the mouth of the Channel. Falling over France and the Bay of Biscay later; local depression appearing in that region and spreading northwards.

SUMMARY of CHANGES in the WEATHER over the BRITISH ISLANDS and their NEIGHBOURHOOD
from the 15th to the 21st July 1894.

The weather of last week was again cool and unsettled with heavy falls of rain in the northern and extreme southern parts of the Kingdom. Thunderstorms occurred at many of our northern stations during the latter half of the week.

Barometrical pressure was mainly highest over France and Spain and lowest in a series of shallow depressions the centres of which advanced over our northern districts from the westward. The prevailing winds were therefore W.ly (SW. to NW.) and over the most exposed parts of our western and southern coasts they were occasionally strong in force. The most important depression observed was a large system which appeared off the west of Scotland on the morning of the 16th and which ultimately travelled southeastward across the North Sea. On reaching Denmark the disturbance increased in depth, but on the 19th it passed away to the Baltic. The passage of the system across the north of Scotland was marked by heavy rain, the amounts measured on the morning of the 18th being as large as 1·1 ins. at Aberdeen and 1·0 in at Stornoway. At the close of the week some small secondary disturbances passed across the south of England and occasioned considerable falls of rain in many parts of that country.

Temperature has been generally low for the time of year. In very few instances did the thermometer reach 70° even over our Central and southern districts, while in the western and northern parts of the Kingdom the daily maxima were generally below 65°.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 24TH JULY, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.) Barom. At 32° and M.S.L.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12.)	Weather	THIS MORNING. (See note at bottom of last page.) Barometer. At 32° Fahr. and M. S. L.	Barometer. Change since Yesterday.	Temperature. Dry Bulb.	Temperature. Wet Bulb.	Temperature. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12.)	Weather.	Sea (0 to 9.)	PAST 24 HOURS. Weather.	Hours of Bright Sunshine.	Temp. Max.	Temp. Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.95	60	Z	0	0	30.01	?	51	57	− 5	Z	0	r	*	0	*	70	55	0.32
	Hernösand ...	30.01	61	Z	0	b	30.04	+ .11	63	57	− 1	SW	2	c	*	b	*	79	752	—
	Stockholm ...	30.06	64	Z	0	b	30.02	+ .04	68	63	+ 4	SE	2	bc	*	b	*	73	54	—
	Wisby	30.11	62	S	2	b	30.07	+ .08	62	59	0	S	2	0	*	b	*	73	55	—
	Bodö	30.10	52	NW	2	c	30.14	+ .16	53	50	+ 1	SW	4	bc	2	c	*	57	48	—
	Christiansund ...	30.07	62	NE	1	b	30.13	+ .10	60	58	+ 1	WNW	1	b	1	b	*	66	59	—
	Skudesnaes ...	30.04	62	Z	0	0	30.06	+ .07	63	58	+ 1	NNW	6	bc	2	r,0	*	64	57	?
	Færder (Christiania Fjord)	30.02	64	S	2	0	29.98	.00	59	58	− 2	NNE	5	r	2	0	*	66	57	0.83
	Skagen (The Scaw)	30.01	60	SE	1	m	29.90	− .07	60	57	− 2	W	1	m	0	m	*	72	55	0.12
	Fanö														*		*			
	Sumburgh Head	30.06	58	NE	1	bc	30.19	+ .23	57	55	+ 3	NW	1	b	1	b, bc	*	61	50	0.06
	Stornoway ...	30.10	59	NE	4	b	30.20	+ .21	58	55	− 1	E	2	b	2	b	13.7	61	53	—
	Wick	30.12	60	N	2	b	30.25	+ .24	58	54	+ 1	NE	2	bv	1	b	*	62	45	—
	Nairn	30.08	60	Z	0	0	30.22	+ .25	57	55	+ 2	Z	0	c	1	0	*	67	51	—
	Aberdeen ...	30.05	58	NE	2	b	30.22	+ .25	61	56	+ 2	N	2	bc	1	p, bc, b	6.6	63	53	0.18
	Leith	30.02	63	E	2	b	30.18	+ .22	57	56	+ 3	E	1	0	*	b	*	65	53	—
	Shields	29.98	60	N	3	c	30.13	+ .21	59	57	+ 3	NNE	4	c	4	o, p, c	*	61	53	—
	Spurn Head ...	29.88	57	N	3	og	30.04	+ .20	58	57	0	NNE	4	og	3	og, d	*	58	55	0.07
	York	29.93	59	N	2	0	30.08	+ .19	60	58	+ 3	NNE	2	0	*	0	*	63	56	0.02
	Loughborough ...	29.92	59	ENE	2	0	30.04	+ .18	58	58	+ 3	NNE	4	ogmd	*	gmd, pd	*	62	55	0.05
British Islands.	Ardrossan ...	30.00	67	WSW	2	bc	30.17	+ .22	61	58	+ 1	NNE	3	b	1	bc	*	68	60	0.25
	Malin Head ...	30.04	59	NNW	4	b	30.17	+ .17	59	57	+ 2	ENE	1	cw	1	b	*	60	53	—
	Belmullet ...	30.12	60	N	3	b	30.19	+ .14	59	57	+ 1	N	2	bc	*	b	*	62	55	—
	Donaghadee ...	30.02	61	NNW	6	b	30.17	+ .21	58	55	0	NNE	5	b	3	b	*	63	56	—
	Liverpool (Bidston)	29.93	62	NE	2	0	30.06	+ .17	60	56	+ 4	ENE	2	0	?	0	*	63	55	0.01
	Holyhead ...	29.98	58	N	3	ogmw	30.09	+ .17	58	55	0	ENE	6	mw	4	cm ogmw	*	60	55	—
	Parsonstown ...	30.01	61	Z	0	c	30.13	+ .12	56	54	+ 4	Z	0	b	*	c	8.1	66	52	0.19
	Valencia ...	30.05	62	N	3	bv	30.12	+ .09	57	54	+ 1	NNE	5	bcq	4	bcq, bv	7.4	63	54	—
	Roche's Point ...	30.01	61	NNE	4	b	30.05	+ .06	58	55	+ 1	N	3	o	3	b, tlr	*	62	54	0.05
	Pembroke (St. Ann's Hd.)	29.91	60	NE	4	o	29.97	+ .09	60	57	+ 2	ENE	4	og	2	o	9.5	62	57	—
	Scilly	29.89	59	N	5	bc	29.87	+ .01	58	58	0	NE	5	mw	2	bc	7.1	61	56	0.24
	Prawle Point ...	29.84	59	ENE	3	m	29.88	+ .07	58	57	+ 2	ENE	5	m	4	p, m	*	65	56	0.02
	Jersey (St. Aubin's)	29.82	67	NNE	3	em	29.88	+ .09	62	62	0	ENE	2	f	2	m, e, tlr	*	67	60	0.46
	Hurst Castle ...	29.84	62	NNE	1	og	29.93	+ .16	61	61	+ 1	NE	4	om	3	om, g	*	68	59	—
	Dungeness ...	29.81	62	Z	0	c	29.93	+ .19	61	60	− 4	ENE	4	m	2	bc, tlr, e, f	*	68	59	0.21
	North Foreland	29.85	65	W	2	rt	29.96	+ .22	61	60	− 3	NE	5	ogmw	4	b, rt	*	72	59	0.10
	London (Brixton) ...	29.85	69	N	1	oga	29.97	+ .19	60	58	+ 2	NNE	1	ogmw	*	omg, op	0.0	62	57	0.02
	Oxford	29.90	67	NNE	2	r	30.00	+ .18	59	58	+ 4	NE	2	oga	*	oga	*	61	54	0.01
	Cambridge ...	29.88	69	N	1	r	30.01	+ .20	60	60	+ 4	NNE	1	f	*	r	0.0	61	55	0.03
	Yarmouth ...	29.83	63	WNW	2	c	29.99	+ .20	61	60	+ 2	NNE	2	c	2	bc, c	*	65	58	0.01
Germany & Holland.	Cuxhaven ...	29.99	69	SSE	2	r	30.01	+ .04	70	68	+ 5	W	3	b	*	r	*	71	65	0.12
	Berlin	29.94	82	SE	1	b	29.98	.00	75	66	+ 3	S	2	b	*	b	*	91	68	—
	Wiesbaden ...	*	*	*	*	*	30.03	+ .07	71	68	+ 3	N	2	c	*	*	*	88	66	—
	Munich	30.02	74	SE	3	b	30.12	+ .06	72	67	+ 3	SW	3	b	*	b	*	84	57	—
	The Helder ...	29.90	67	SW	1	t	30.06	+ .21	62	61	− 2	N	1	f	1	t	*	73	61	0.24
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.94	+ .14	68	66	+ 2	ESE	3	bc	*	bc	*	83	60	0.87
	Cape Gris Nez ...	29.82	61	E	2	t	29.91	?	60	60	− 5	E	3	f	3	t	*	70	57	0.43
	Paris	29.85	77	SE	1	c	29.88	+ .06	67	64	− 5	SE	1	c	*	c	*	85	63	—
	Brest	?	59	ENE	3	o	?	?	58	57	− 3	E	3	c	3	o	*	64	54	0.39
	Lorient	29.81	67	S	2	c	29.84	+ .08	59	58	− 3	ESE	4	c	2	c	*	70	55	0.08
France &	Rochefort ...	29.88	68	W	3	r	29.92	+ .11	64	63	− 1	S	1	r	*	tlr	*	79	61	0.08
	Belfort														*		*			
	Lyons	29.88	81	S	4	o	29.99	+ .08	69	61	− 2	SE	1	o	*	o	*	88	69	—
	Nice	29.99	79	Z	0	b	30.03	+ .07	78	61	0	E	2	b	0	b	*	86	70	—
	Perpignan ...														*		*			
	Biarritz ...	29.81	66	ESE	2	tlr	29.89	+ .11	63	62	− 5	W	2	r	2	tlr	*	79	59	1.26
Peninsula.	Corunna ...														*					
	Lisbon	30.04	62	WNW	4	b	30.11	+ .13	64	57	− 1	N	5	b	*	b	*	72	57	—
	Azores (P. Delgada)	30.32	70	Z	0	bc	30.33	+ .03	69	68	− 3	SE	2	c	2	bc	*	76	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR TUESDAY, 24TH JULY, 1894.

BAROMETER, WIND AND SEA.

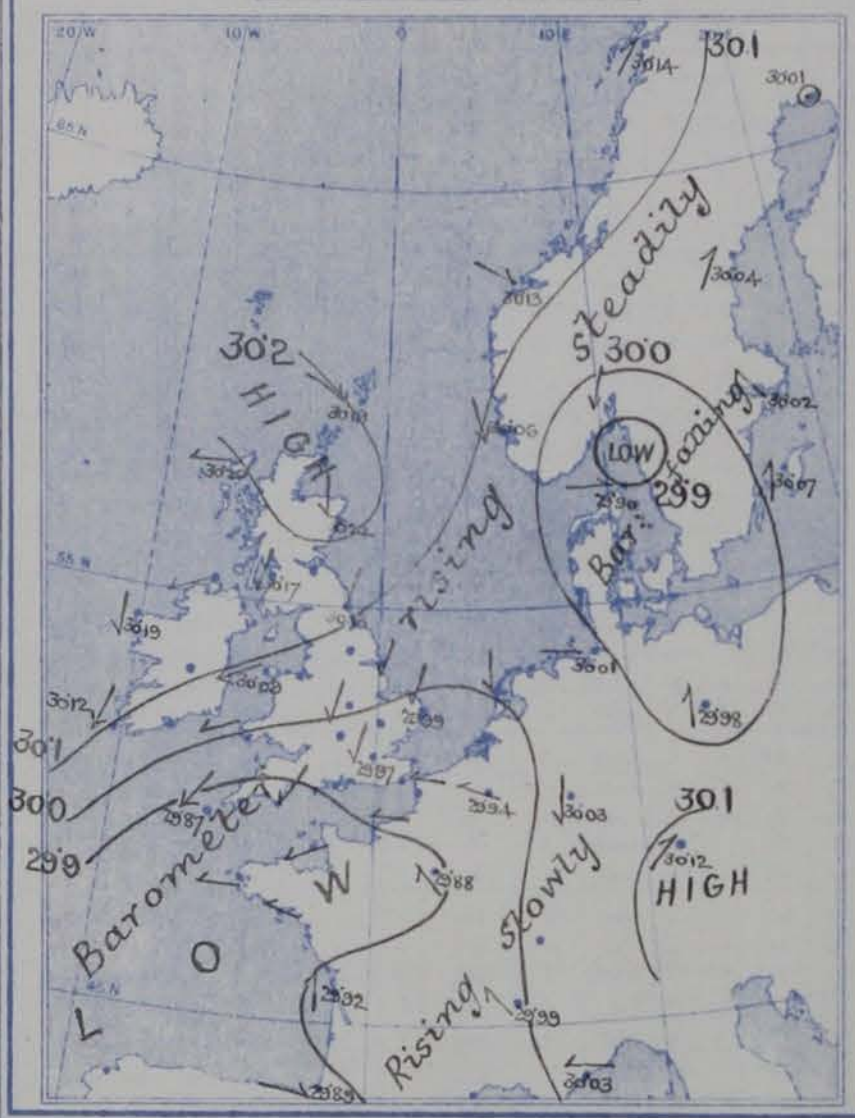
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

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

SEA—*Rough* ▒▒ ; *High* ▓▓

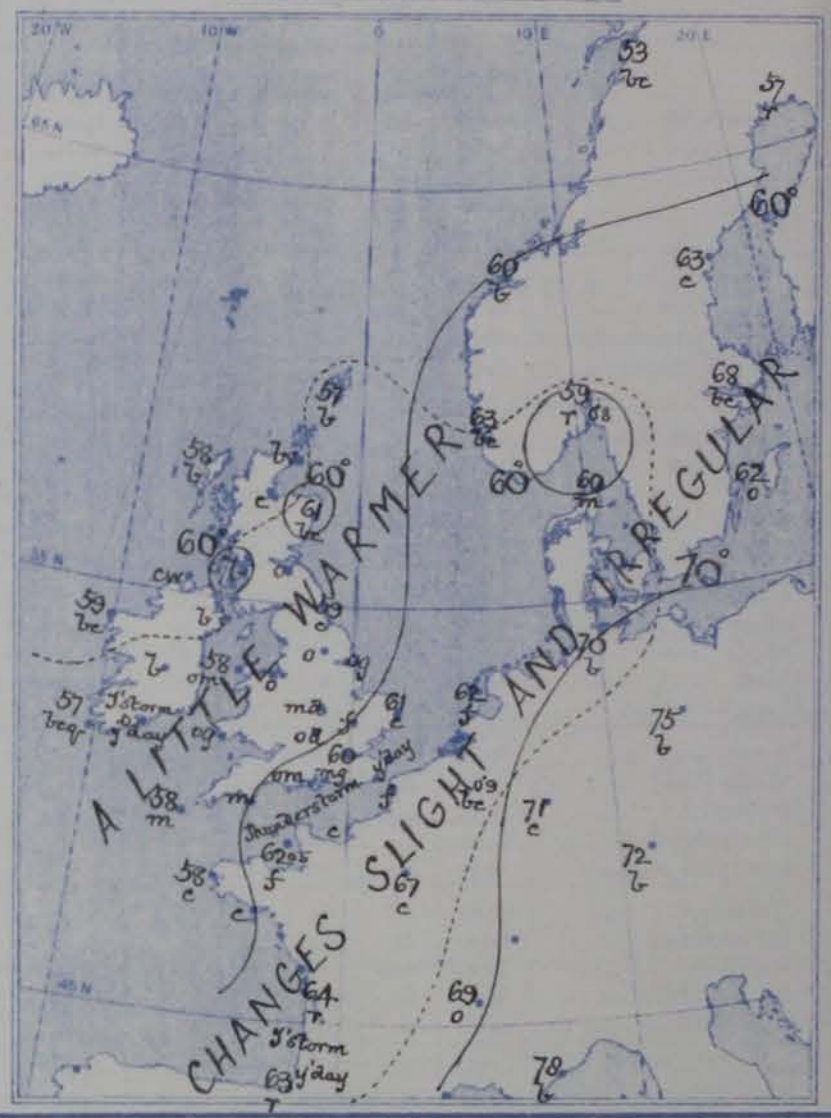


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum		Hours	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·889	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·54	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	180·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	197·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE — Highest 30.2 ins: and upwards in the north of Scotland, 30.1 ins: and upwards over South Germany. Lowest 29.9 ins: and less in a complese depression lying over the Bay of Biscay, the north of France, and the western part of the Channel, and also in a small disturbance near the Skager Rack. Gradients slight and irregular. Barometer rising generally, but falling a little in Denmark, and the S. of Sweden.

TEMPERATURE — Highest 75° at Nice, 75° at Berlin, 72° at Munich, 71° at Wiesbaden, 70° at Cuxhaven, and 69° at Lyons. Lowest (1) 53° at Bodö, and 57° at Haparanda, (2) 56° at Parsonstown, and 57° at Simburgh Head, Nairn, Leith and Valentia (Ireland). The highest maxima registered over our Islands yesterday were 72° at the North Foreland, and 68° at Ardrossan, Roche's Point and Dungeness.

WIND — Light to fresh from the N. or NE. over our Islands, fresh to strong from the N. or NW. in the S. of Norway.

Light from E. or SE. over the greater part of France, S. in Germany and Sweden.

WEATHER — Fine over Ireland, Scotland and the west of Norway, dull and misty at the English Stations, with drizzling rain at Loughborough and Oxford. Rainy in the SW. of France; fine over Germany, the Netherlands, & the S. of France, rainy at Haparanda and Faerder. Thunderstorms occurred yesterday over the S. of our Islands, and the west and north of France.

SEA — moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A large anticyclone is spreading over our Islands, from the NW. and a gradual improvement in the weather is probable over England.

FORECASTS

For the 24 hours ending at NOON on Wednesday 25th July, 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	N. and NE. winds, light; fine generally.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No: 5.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	NE. winds, moderate; dull and gloomy at first, but improving later.
6	SCOTLAND WEST	Same as Nos: 0 and 1.
7	ENGLAND N.W.	Same as No: 5.
8	ENGLAND S.W.	
9	IRELAND NORTH	Same as Nos: 0 and 1.
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 S.W.) Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·04	64	58	WNW	2	r	1
Sumburgh Head	30·03	60	58	NE	2	b	3
Stornoway	30·05	60	56	NE	3	b	3
Aberdeen	30·03	57	56	NE	2	be	1
Shields	29·95	60	57	NNE	2	o	2
Ardrossan	30·00	68	63	WSW	1	be	1
Malin Head ...	30·05	60	56	N	4	b	2
Belmullet	30·10	61	57	N	2	b	*
Holyhead	29·96	59	56	N	4	cm	3

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia	30·05	61	56	N	5	bcq	5
Scilly	29·88	60	55	N	5	be	2
Jersey	29·81	63	62	NE	2	o	2
Hurst Castle ...	29·83	61	60	NNE	3	om	3
Dungeness ...	29·80	65	62	SW	3	be	2
North Foreland	29·81	72	69	S	2	b	2
London (Westminster)	29·83	60	58	N	2	omng	*
Yarmouth ...	29·79	65	63	Z	0	be	3
Rochefort ...	29·84	74	69	NW	3	be	*

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

Weather in morning fine in the western parts of the United Kingdom, but cloudy elsewhere, with rain at many of the English stations and with a thunderstorm at Yarmouth. Fine over the greater part of the Continent, but dull in Norway and also in the west and north of France; rain falling at Munster and Lorient. Thunderstorms occurring later in the south of our Islands, the Netherlands and the west and north of France, with heavy rain in places; showers falling at several of our more northern stations.

Temperature fallen a little in most parts of our islands and also in Spain, but risen in most other countries. Morning readings highest 88° at Patras, 83° at Sfax, 82° at La Calle and 81° at Brindisi and Athens; above 75° at most of the Mediterranean stations. Lowest (1) 32° at Bodö; (2) 52° at Parsonstown and 54° at Sumburgh Head and Leith, (below 60° in most parts of our islands). Daily maxima below 65° over a considerable portion of the United Kingdom, but thermometer rising to 72° at the North Foreland. Exceeding 80° in many parts of France and Germany, and reaching 91° at Berlin.

Wind light from the N^wd over the greater part of our islands, but variable in the extreme southeast of England. Light from the E^wd or SE^wd over Denmark, Germany the Netherlands and the greater part of France, but W^ly in Spain. Light to moderate from the W^wd over Sweden and northern Russia; variable in Austria and the south of Russia; light from the N^wd or NW^wd in Italy. Subsequently veering to the NE^wd in Scotland; no important change occurring elsewhere.

Barometer highest 30.1 ins. and upwards in a large anticyclone over the Central and Southern parts of Russia; 30.0 ins. and upwards in another large system extending from the Atlantic over the west of Norway and the extreme western parts of our islands. Lowest 29.8 ins. and less in a complex depression stretching from the Bay of Biscay across the north of France and the southeast of England. Depression filling up gradually during day, and barometer rising in nearly all parts of 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; 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 Wednesday 25th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·02	56	N	4	bc	30·06	+ ·05	59	54	+ 2	N	4	bc	#	bc	#	66	54	0·47
	Hernösand ...	30·02	60	L	0	b	30·11	+ ·07	63	59	0	N	6	b	#	b	#	72	54	—
	Stockholm ...	29·95	56	NNE	2	r	30·06	+ ·04	62	59	— 6	NW	4	b	#	r	#	72	52	0·51
	Wisby	29·85	61	W	2	r	30·07	·00	60	58	— 2	N	6	bc	#	r	#	72	54	0·43
	Bodö	30·15	55	WSW	2	bc	30·18	+ ·04	55	54	+ 2	ESE	2	r	1	bc	#	63	50	—
	Christiansund ...	30·24	60	NW	3	c	30·30	+ ·17	61	56	+ 1	WSW	1	o	2	c	#	63	57	—
	Skudesnaes ...	30·21	60	NNW	6	b	30·23	+ ·17	64	59	+ 1	N	2	b	2	b	#	68	54	?
	Færder (Christiania Fjord)	30·10	66	WNW	4	b	30·23	+ ·25	64	58	+ 5	NNE	4	b	1	b	#	66	57	0·12
	Skagen (The Scaw)	30·10	61	WNW	1	b	30·19	+ ·29	65	62	+ 5	NE	1	b	0	b	#	68	59	—
	Fanö	30·15	62	N	2	b	30·20	+ ·23	62	59	— 4	ENE	4	b	#	b	#	77	55	—
British Islands.	Sumburgh Head	30·26	57	NW	2	b	30·27	+ ·08	59	55	+ 2	NE	1	b	2	b	#	59	49	—
	Stornoway ...	30·24	59	E	3	b	30·15	— ·05	59	55	+ 1	E	3	b	3	b	15·5	61	53	—
	Wick	30·37	59	NE	2	b	30·27	+ ·02	60	57	+ 2	SE	3	bc	1	b	#	64	42	—
	Nairn	30·23	62	NE	2	b	30·19	— ·03	59	56	+ 2	E	2	b	1	b	#	65	45	—
	Aberdeen ...	30·28	58	NE	3	bc	30·22	·00	59	56	— 2	ENE	2	c	2	bq,bc	11·8	64	51	—
	Leith	30·22	61	ESE	3	b	30·12	— ·06	57	55	0	ENE	3	r	#	b	#	63	54	—
	Shields	30·18	61	NE	3	c	30·05	— ·08	58	57	— 1	ENE	4	o	4	c,r	#	63	55	0·17
	Spurn Head ...	30·08	59	NNE	4	o	29·96	— ·08	59	58	+ 1	ESE	3	ogd	3	ogd	#	60	56	0·14
	York	30·12	64	ENE	3	b	29·99	— ·09	60	59	0	E	2	r	#	b	#	67	57	0·25
	Loughborough ...	30·04	60	NE	4	o	29·96	— ·08	61	61	+ 3	SE	1	rm	#	gmpd,r	#	61	58	0·58
	Ardrossan ...	30·16	65	ENE	4	bm	30·05	— ·12	57	56	— 4	NE	4	pm	2	bm	#	68	55	0·02
	Malin Head ...	30·16	58	NE	3	o	30·02	— ·15	55	53	— 4	ENE	7	or	3	o	#	61	55	—
	Belmullet ...	30·15	62	NNE	2	o	29·98	— ·21	56	55	— 3	?	3	r	#	b,o	#	64	55	0·20
	Donaghadee ...	30·12	61	NE	3	bc	30·01	— ·16	55	55	— 3	ENE	6	o	4	bc,r	#	65	53	0·67
	Liverpool (Bidston)	30·04	64	E	5	o	29·94	— ·12	58	57	— 2	E	3	o	?	o	#	65	55	0·78
	Holyhead ...	29·99	59	NE	5	pg	29·92	— ·17	59	?59	+ 1	NE	1	r	0	omg,pg	#	61	55	1·30
	Parsonstown ...	30·07	58	NW	1	o	29·91	— ·22	56	56	0	ESE	1	r	#	o	0·0	66	45	0·51
	Valencia ...	30·01	63	NE	4	og	29·88	— ·24	59	57	+ 2	ENE	2	rm	3	cm,og	4·3	67	56	0·19
	Roche's Point ..	30·00	57	NE	3	r	29·88	— ·17	59	58	+ 1	ENE	2	o	2	r,l,m	#	62	56	0·50
	Pembroke (St. Ann's Hd.)	29·94	60	E	4	r	?29·88	— ·09	59	58	— 1	S	2	og	2	r	0·0	60	58	0·40
	Scilly	29·87	60	ENE	3	c	29·83	— ·04	60	59	+ 2	ESE	3	c	2	tlr,m,c,l	1·8	61	57	0·45
	Prawle Point ...	29·90	59	ENE	4	f	29·91	+ ·03	59	57	+ 1	SSW	4	m	3	f,c	#	61	55	0·07
	Jersey (St. Aubin's)	29·91	66	SE	2	ou	29·97	+ ·09	62	59	c	SE	4	cm	3	tlr,ou,g	#	71	58	0·32
	Hurst Castle ...	29·91	65	L	0	om	29·95	+ ·02	63	61	+ 2	SSW	1	bc	1	og,om	#	65	60	0·29
	Dungeness ...	29·91	62	ENE	5	o	29·98	+ ·05	63	62	+ 2	SSW	1	bc	1	o,tlr	#	66	60	0·32
	North Foreland	29·96	62	NE	4	o	29·99	+ ·03	64	63	+ 3	S	3	o	3	o,tlhr	#	64	59	0·36
	London (Brixton) ...	29·94	65	ENE	1	org	29·98	+ ·01	66	64	+ 6	SSW	2	bc	#	og,op,b	0·1	71	60	0·05
	Oxford	29·94	61	NE	3	o	29·95	— ·05	62	61	+ 3	S	1	og	#	ogd,r	#	64	59	0·20
	Cambridge ...	29·99	65	NE	2	o	29·97	— ·04	65	64	+ 5	SSW	1	bc	#	o	1·1	71	59	0·45
	Yarmouth ...	30·01	61	ENE	4	cf	29·97	— ·02	62	61	+ 1	SSE	4	og	4	f,c,tlr	#	63	58	0·25
Germany & Holland.	Cuxhaven ...	30·05	68	N	2	b	30·20	+ ·19	65	63	— 5	ESE	4	b	#	b	#	72	64	—
	Berlin	30·08	85	NW	2	b	30·14	+ ·16	65	59	— 10	NE	4	b	#	b	#	95	61	—
	Wiesbaden ...	#	#	#	#	#	29·99	— ·04	79	70	+ 8	N	2	b	#	#	#	88	66	—
	Munich														#		#			
	The Helder ...	30·08	66	ENE	5	t	30·09	+ ·03	67	65	+ 5	ESE	2	c	3	t	#	69	61	—
France & Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	30·06	+ ·12	62	62	— 6	SW	1	t	#	o	#	85	61	0·67
	Cape Gris Nez ...	29·90	60	ENE	3	m	29·91	·00	59	59	— 1	SW	1	o	0	m	#	61	57	0·24
	Paris	29·95	76	SSW	1	o	30·04	+ ·16	64	62	— 3	S	1	o	#	o	#	82	62	0·08
	Brest	?	63	S	3	c	?	?	60	60	+ 2	S	3	o	3	c	#	68	55	0·08
	Lorient	29·87	64	S	4	b	29·91	+ ·07	61	58	+ 2	S	4	o	4	b	#	71	57	—
	Rochefort ...	29·91	67	SW	4	c	30·07	+ ·15	62	58	— 2	WSW	4	c	#	c	#	77	55	—
	Belfort														#		#			
	Lyons	29·95	75	NNW	1	o	30·04	+ ·05	66	61	— 3	NW	1	b	#	o,l	#	80	61	—
	Nice	30·02	83	E	6	c	30·02	— ·01	75	60	— 3	E	4	bc	1	c	#	90	70	—
	Perpignan ...	29·92	75	NE	3	c	30·06	+ ·13	69	61	+ 2	NW	3	bc	#	c	#	85	64	—
	Biarritz ...	29·97	66	WNW	5	r	30·09	+ ·20	61	57	— 2	SSW	1	b	2	tlr	#	70	57	0·23
Penin-sula.	Corunna ...														#		#			
	Lisbon	30·19	62	NNW	4	b	30·21	+ ·10	63	56	— 1	N	4	b	#	b	#	70	57	—
	Azores (P. Delgada)	30·36	69	L	0	c	30·33	·00	73	69	+ 11	L	0	b	1	c	#	75	64	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 roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR WEDNESDAY, 25TH JULY, 1894.

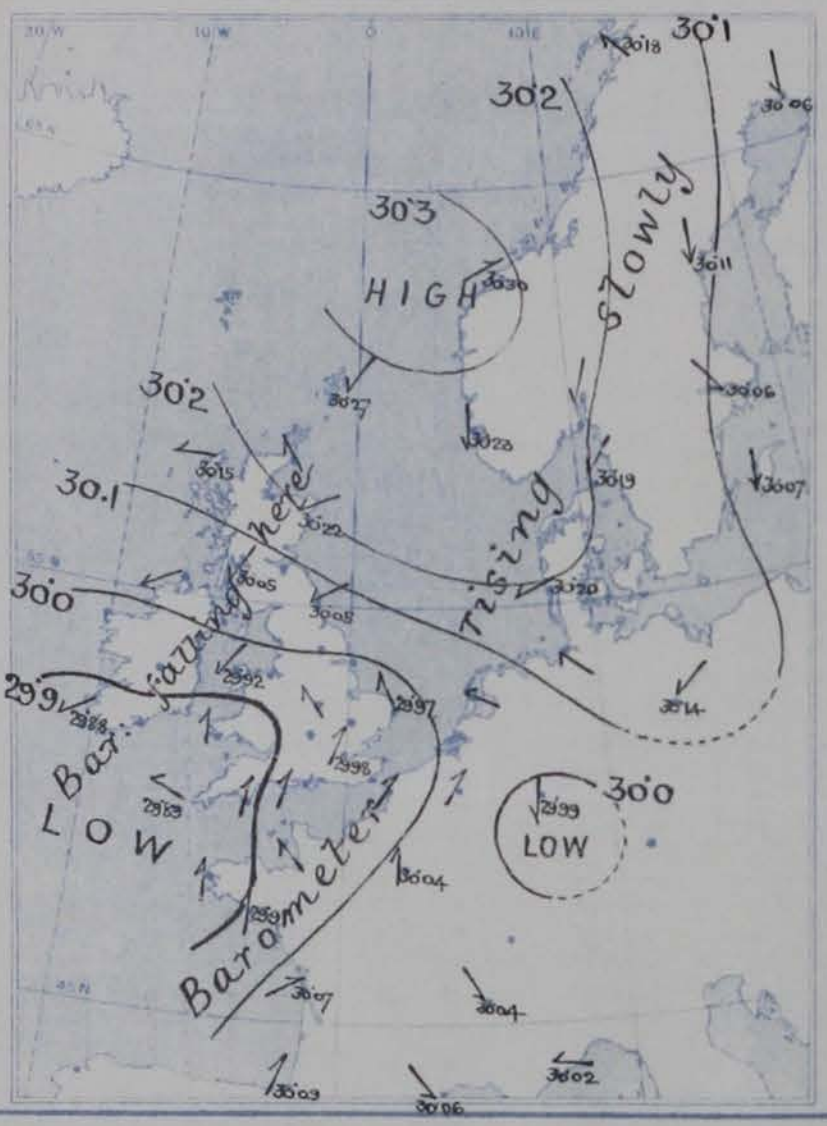
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ; High

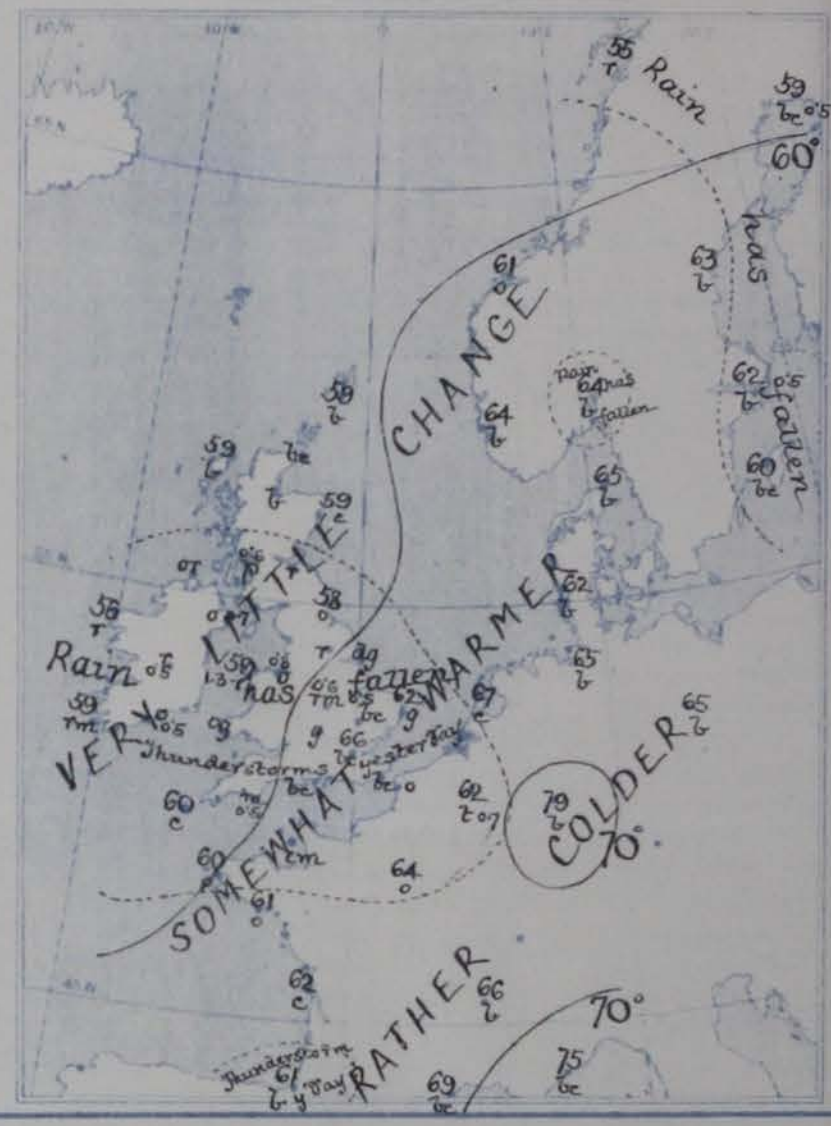


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90) (Inches)	TEMPERATURE. (20 years 1871–90)				RAINFALL (25 years 1866–90) (Inches)	BRIGHT SUNSHINE. (10 years 1881–90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum	Daily Minimum		Hours.	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·6	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	3·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·4	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·3 ins. and more to 30·2 ins. over Norway, Denmark and the northeast of Scotland and exceeding 30·0 ins. at almost all the Continental stations.
Lowest 29·9 ins. and less in a depression off our southwestern coast.
Gradients were slight to moderate and variable - mainly favourable for E.ly winds in our islands, except at the southern stations.

TEMPERATURE

Highest 79° at Wiesbaden, 75° at Nice, 66° at Lyons and in London.
Lowest (1) 55° at Bodö, 59° at Haparanda; (2) 55° at Malin Head & Dunaghadee, 56° at Parsonstown & 57° at Leith.
The maxima slightly exceeded 70° at a few English stations yesterday, but were as high as 81° at Paris, 85° at Brussels, 90° at Nice & 95° at Berlin; the night was very warm at the southern stations.

WIND

Easterly over all the northern and western parts of our islands, and blowing strongly over the northern parts of Ireland; SE.ly at Scilly, S.ly over our eastern & southern and the north of France, SW.ly at Rochefort. Over Scandinavia it was N.ly, and was blowing strongly at the Swedish stations.

WEATHER

Fine over the major part of Germany, France and the south of England, but thundery at Brussels; fine in the north and northeast of Scotland also. At our western and northern stations, however, it is rainy. Thunderstorms have been experienced very generally over the southern, eastern & midland parts of our islands; in Scotland the weather has been very fine.

SEA

moderate to slight.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression in the southwest is moving away in a northwesterly direction, and the weather at our southern stations is improving.

FORECASTS

For the 24 hours ending at NOON on 26th JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E.ly breezes; fine to rainy.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	Varying and S.ly winds; weather improving.
5	ENGLAND SOUTH	S.ly and SW.ly winds; fine generally.
6	SCOTLAND WEST	E.ly winds; rainy, unsettled, thunder locally.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S.ly and SW.ly winds; showery to fair.
9	IRELAND NORTH	Same as Nos. 6 and 7.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·13	68	61	NNW	6	b	3	Valencia	30·06	64	59	N	5	cm	4
Sumburgh Head	30·25	58	55	NW	2	b	1	Scilly	29·89	59	59	NNE	3	m	2
Stornoway	30·24	61	57	E	3	b	3	Jersey	29·91	66	63	E	3	c	3
Aberdeen	30·28	60	56	NE	4	bq	4	Hurst Castle ...	29·94	64	64	ENE	1	og	1
Shields	30·18	61	59	NNE	4	c	4	Dungeness ...	29·92	62	60	ENE	5	o	4
Ardrossan	30·19	68	63	ENE	4	b	2	North Foreland	29·98	61	60	NE	6	o	5
Malin Head ...	30·19	60	56	NE	2	b	1	London (Westminster)	29·95	70	65	NE	2	o	*
Belmullet	30·18	63	59	N	2	b	*	Yarmouth ...	30·03	62	61	ENE	4	f	3
Holyhead	30·08	60	57	NE	5	ogm	4	Rochefort ...	29·91	64	64	SW	4	c	*

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

Weather in morning fine and bright (1) over Norway, Scotland and the greater part of Ireland, (2) over southeastern, central and southern Europe; very dull and unsettled over the Bay of Biscay the west and north of France, and the greater part of England, with rain in several places, fog and mist at our southern stations and in the Channel. Rain later in all parts of England and Ireland, heavy in the northwest - thunderstorms in the southwest, south and east; rain over Sweden also.

Temperature. Highest 59° at Patras, 86° at La Calle and exceeding 80° at several other Mediterranean stations, and exceeding 70° in many parts of Germany. Lowest (1) 53° at Bodö, 55° at Archangel; (2) 56° at Parsonstown, 57° at Nairn and Sumburgh Head and below 60° over Ireland and the greater part of Scotland. Rising later to between 60° and 67° in the latter region, to 71° in some parts of England, to 90° at Nice and to upwards of 90° in some parts of Germany.

Wind exceedingly variable over the Continent as a whole, but chiefly E.ly to W.ly over Brittany and the British Isles, and N.ly to W.ly over Spain. Becoming more E.ly over the United Kingdom later and freshening in several places. W.ly wind over Spain spreading northwards to France.

Barometer. Highest 30·2 ins. and more over Scotland and exceeding 30·1 ins. over the extreme northwestern and western counties generally - as well as over Hungary and the south of Russia. Lowest 29.9 ins. and less in a depression over the Bay of Biscay and the west and northwest of France and also over the Grecian Archipelago; 30·0 ins. and less in two other depressions - one over Denmark, Holstein, and the Sound, the other over the north of Russia. The western depression moving northwards later; barometer falling on our southwest coasts; rising over 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 (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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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 26th July 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 5.)	Weather	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·08	55	Z	0	b	30·08	+ ·02	63	56	+ 4	Z	0	c	*	b	*	66	54	—
	Hernösand ...	30·12	59	Z	0	c	30·12	+ ·01	62	55	— 1	NW	2	b	*	c	*	77	54	—
	Stockholm ...	30·11	62	Z	0	b	30·08	+ ·02	64	51	+ 2	N	4	b	*	b	*	70	52	—
	Wisby	30·11	61	NNE	2	b	30·06	— ·01	62	56	+ 2	NNE	4	b	*	b	*	68	55	—
	Bodö	30·20	55	W	1	c	30·19	+ ·01	59	55	+ 4	SW	1	c	1	c	*	?	52	?
	Christiansund ...	30·26	62	NNE	1	c	30·16	— ·14	62	57	+ 1	ENE	1	b	1	c	*	64	59	—
	Skudesnaes ...	30·19	64	Z	0	b	30·11	— ·12	65	62	+ 1	ESE	2	b	2	b	*	74	54	?
	Færder (Christiania Fjord)	30·16	68	SSE	3	b	30·13	— ·10	66	61	+ 2	ENE	4	b	1	b	*	70	64	—
	Skagen (The Scaw)	30·14	67	Z	0	b	30·08	— ·11	68	60	+ 3	NE	1	b	0	b	*	81	63	—
	Fanö	30·12	65	E	6	c	30·06	— ·14	66	61	+ 4	E	4	b	*	c	*	84	61	—
	Sumburgh Head	30·19	59	NE	2	bc	30·08	— ·19	60	56	+ 1	NE	2	bc	3	bc	*	63	55	—
	Stornoway ...	30·03	65	E	3	bc	29·98	— ·22	62	60	+ 3	E	3	b	3	bc	12·3	66	58	0·01
	Wick	30·18	60	SE	3	bc	30·06	— ·21	59	57	— 1	S	4	o	3	bc	*	65	55	—
	Nairn	30·06	60	NE	2	c	29·95	— ·24	62	61	+ 3	E	2	c	2	c	*	66	55	0·14
	Aberdeen ...	30·12	57	ENE	4	ogpq	30·01	— ·21	57	57	— 2	ENE	1	ogp	4	ogpq	1·7	62	56	0·27
British Islands.	Leith	30·00	56	E	3	r	29·92	— ·20	59	58	+ 2	ENE	2	orw	*	r	*	59	55	0·16
	Shields	29·98	59	ESE	3	f	29·92	— ·13	58	57	0	E	1	f	3	of	*	60	54	—
	Spurn Head ...	29·91	61	ESE	3	o	29·92	— ·04	61	59	+ 2	S	1	bc	3	o.p.f	*	62	55	0·01
	York	29·92	68	E	2	c	29·94	— ·05	60	57	0	SSE	1	b	*	c	*	74	56	0·10
	Loughborough ...	29·91	67	SSW	3	o	29·94	— ·02	59	57	— 2	SE	1	bcmw	*	c,ot,of	*	79	49	0·02
	Ardrossan ...	29·95	60	NE	4	om	29·90	— ·15	63	62	+ 6	NE	1	o	1	om	*	69	57	—
	Malin Head ...	29·93	56	ESE	5	ogr	29·86	— ·16	60	58	+ 5	E	2	bw	0	ogr	*	60	55	0·04
	Belmullet ...	29·90	61	NNE	1	o	29·85	— ·13	58	57	+ 2	E	2	obl	*	o	*	62	55	0·25
	Donaghadee ...	29·94	60	NE	4	bc	29·89	— ·12	58	57	+ 3	E	3	c	1	bc	*	60	54	0·05
	Liverpool (Bidston)	29·90	66	S	1	c	29·92	— ·02	63	57	+ 5	ESE	2	b	2	c	*	72	53	0·06
	Holyhead ...	29·91	59	NW	2	tlrf	29·90	— ·02	62	59	+ 3	SW	1	bcm	0	og.tlrf	*	65	54	0·22
	Parsonstown ...	29·87	68	SW	1	c	29·87	— ·04	57	56	+ 1	Z	0	om	*	c	0·5	70	44	—
	Valencia ...	29·86	62	W	1	om	29·85	— ·03	59	58	0	Z	0	om	1	om,em	3·9	65	55	0·12
	Roche's Point ..	29·89	62	ESE	4	bc	29·86	— ·02	58	57	— 1	NNW	1	of	1	bc	*	64	54	0·01
	Pembroke (St. Ann's Hd.)	29·91	60	SE	3	c	29·75	— ·13	60	59	+ 1	SE	3	bc	2	c,l	4·7	65	56	0·03
	Scilly	29·88	61	ESE	1	c	29·85	+ ·02	61	60	+ 1	WSW	2	cm	2	c	2·0	63	58	—
	Prawle Point ...	29·89	58	SE	2	bc	29·89	— ·02	58	57	— 1	SW	1	of	0	bc,p	*	61	56	0·02
	Jersey (St. Aubin's)	29·93	64	ESE	4	cp	29·92	— ·05	61	59	— 1	WSW	4	cmtp	3	cgp	*	65	58	0·02
	Hurst Castle ...	29·95	63	SSE	1	c	? 29·90	— ·05	62	61	— 1	S	1	c	1	cmr,c	*	65	58	0·02
	Dungeness ...	29·97	62	SW	3	bc	29·93	— ·05	63	60	0	SW	2	bc	1	rtl,bc	*	68	58	0·12
	North Foreland	29·99	63	SW	2	b	29·93	— ·06	64	61	0	S	3	b	2	c,tlr,b	*	67	57	0·40
	London (Brixton) ...	29·96	66	S	2	b	29·92	— ·06	64	60	— 2	SW	1	o	*	bc,c,b	9·2	76	55	—
	Oxford	29·95	60	S	2	bc	29·91	— ·04	62	59	0	SSW	2	cw	*	bc	*	72	55	—
	Cambridge ...	29·95	63	S	1	c	29·94	— ·03	61	60	— 4	S	1	bc	*	bp,c	4·4	75	52	0·35
	Yarmouth ...	29·96	62	SE	4	c	29·94	— ·03	61	60	— 1	ESE	2	b	2	c,p	*	65	55	0·04
Germany & Holland.	Cuxhaven ...	30·04	65	E	4	b	30·02	— ·18	63	61	— 2	SE	3	c	*	b	*	70	61	—
	Berlin	30·08	70	E	5	b	30·01	— ·13	67	59	+ 2	E	4	b	*	b	*	82	59	—
	Wiesbaden ...	*	*	*	*	*	29·96	— ·03	68	65	— 11	NW	3	o	*	*	*	93	66	0·35
	Munich	29·97	75	Z	0	c	29·96		66	63		W	4	o	*	c	*	90	64	—
	The Helder ...	30·03	66	WNW	1	t	30·00	— ·09	63	61	— 4	NW	1	c	1	t	*	78	61	0·43
France & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29·99	— ·07	65	61	+ 3	WSW	2	c	*	c	*	73	57	0·08
	Cape Gris Nez ..	29·97	60	WSW	1	b	29·93	+ ·02	62	62	+ 3	S	1	bc	1	b	*	68	55	0·59
	Paris	30·04	71	SSW	3	b	30·02	— ·02	61	58	— 3	SSW	2	o	*	b	*	76	56	—
	Brest	?	61	SW	3	c	?	?	59	58	— 1	WSW	3	o	4	c	*	65	57	0·08
	Lorient	29·95	63	WSW	4	c	29·97	+ ·06	59	56	— 2	WSW	5	c	4	c	*	66	55	0·08
Peninsula.	Rochefort ...	30·09	64	WSW	6	c	30·08	+ ·01	64	59	+ 2	W	4	o	*	o.c	*	70	57	0·24
	Belfort														*		*			
	Lyons ...	30·05	?73	N	2	c	30·09	+ ·05	61	56	— 5	NW	2	o	*	c,l	*	78	60	—
	Nice	29·95	71	SW	3	b	30·06	+ ·04	72	67	— 3	SE	3	b	1	b	*	90	66	—
	Perpignan ...	30·04	76	W	3	b	30·08	+ ·02	69	59	0	N	2	b	*	b	*	85	61	—
	Biarritz ...	30·12	68	NW	3	o	30·09	·00	63	58	+ 2	ENE	2	b	2	o	*	73	57	—
Penin-sula.	Corunna ...														*		*			
	Lisbon	30·18	62	NNW	6	b	30·14	— ·07	66	57	+ 3	N	4	b	*	b	*	73	59	—
	Azores (P. Delgada)	30·34	69	NW	1	b	30·30	— ·03	72	68	— 1	Z	0	b	1	b	*	77	64	—

For Explanation of Columns, see bottom of last page.

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

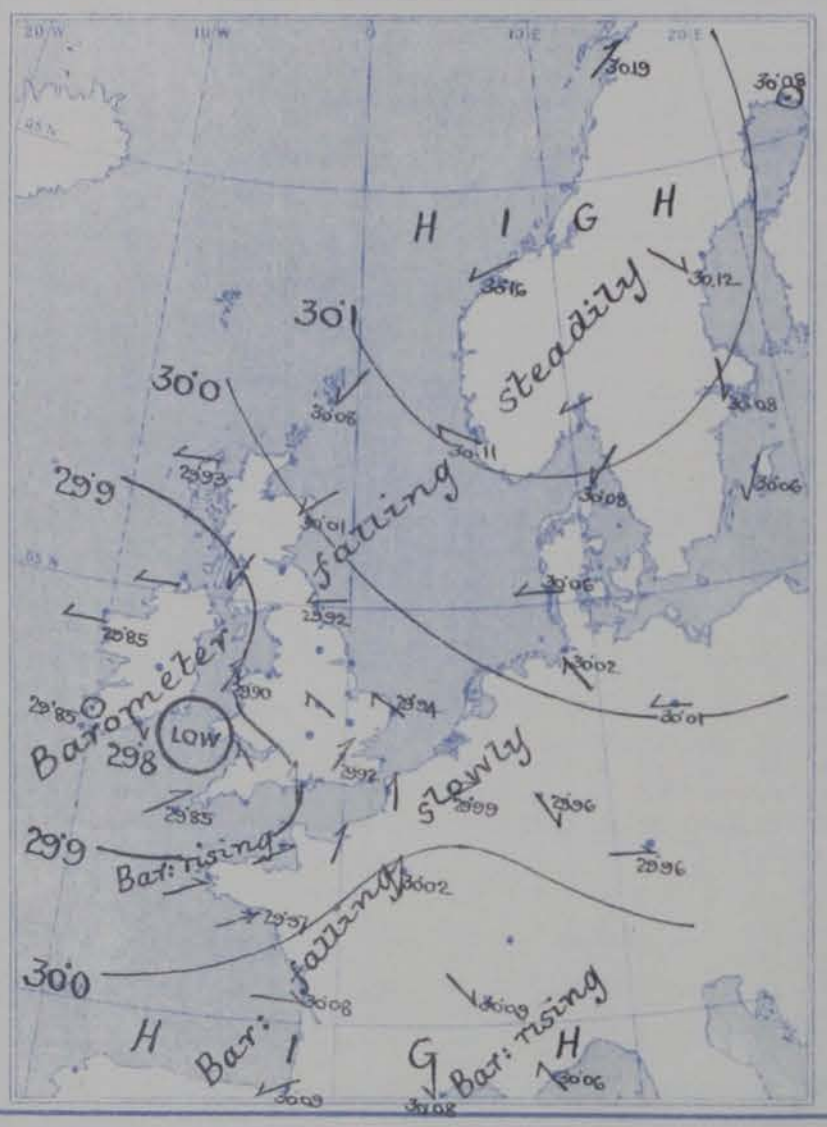
NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR THURSDAY, 26TH JULY, 1894.

BAROMETER, WIND AND SEA.

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



TEMPERATURE & WEATHER.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90.)				RAINFALL. (25 years 1866–90.) (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90.)	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum	Daily Minimum		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27		—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·96	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	3·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	180·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins. and more to 30·0 ins. over Scandinavia, Denmark and adjacent parts of the Baltic and North Sea, the south of France also over Spain and the south of Portugal.
Lowest 29·75 ins. at St Ann's Head and below 29·9 ins. over Ireland and the western part of England generally.
Gradients were moderate to slight – favourable for E. & S.E. winds in the north, and for W. & S.W. in the south.
Barometer was rising in the south of France, falling elsewhere, most in Scotland and Ireland.

TEMPERATURE

Highest 72° to 69° in the south of France, 68° at the Scaw, 67° at Berlin & 66° at Stockholm and in London.
Lowest 57° to 60° at the Irish stations, 57° at Aberdeen, 58° at Shields.
The maxima recorded over England yesterday varied between 70° & 79°; that at Paris was 76°, while in the west and south of Germany readings were reported exceeding 90°.

WIND

E. over Norway, the North Sea and northern parts of our islands, S. to W. at our southern stations; N. on the Swedish Coast; very variable over the southern parts of France.

WEATHER

Fine over the northern and the extreme southern parts of Europe. Very changeable over the British Islands and their neighbourhood, with showers in many places & thunder in some localities.
Rain fell in all the last named regions yesterday, but the amounts reported at present are not large. Thunderstorms occurred in many localities.

SEA

Moderate off Ushant, slight on our northern coast, smooth or very smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The present conditions favour a continuance of showery thundery weather – especially over England – but intervals of bright sunshine are probable.

FORECASTS

For the 24 hours ending at NOON on 27th JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. and S.E. breezes; changeable, thunder showers at times.
1	SCOTLAND EAST	
2	ENGLAND N.E.	
3	ENGLAND EAST	S. to W. winds, varying; very changeable, thunderstorms in many places.
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	E. breezes, light; rain at times thunder in places.
7	ENGLAND N.W.	
8	ENGLAND S.W.	Same as No. 3 to 5.
9	IRELAND NORTH	Very variable light breezes; unsettled, rain and thunder locally.
10	IRELAND SOUTH	
	WARNINGS	NONE ISSUED.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·21	74	63	S	2	b	2	Valencia	29·88	61	59	WSW	2	om	3
Sumburgh Head	30·22	61	5[illegible]	ENE	2	b	2	Scilly	29·82	62	60	ESE	2	o	2
Stornoway	30·10	64	60	E	3	bc	3	Jersey	29·98	62	58	SE	5	ogm	4
Aberdeen	30·17	5[illegible]	56	ENE	3	o	3	Hurst Castle ...	30·00	61	60	SSW	3	omr	2
Shields	29·99	59	58	ENE	4	o	4	Dungeness ...	29·97	64	61	WSW	3	rbl	2
Ardrossan	29·97	60	57	NE	4	o	2	North Foreland	29·97	65	63	S	2	c	3
Malin Head ...	29·97	5[illegible]	54	E	6	o	2	London (Westminster)	29·97	7[illegible]	62	SSW	3	c	*
Belmullet	29·93	61	58	NE	1	o	*	Yarmouth ...	29·98	64	62	SE	3	c	2
Holyhead	29·92	64	61	NW	2	ogt	1	Rochefort ...	30·10	65	60	SW	5	o	*

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

Weather in morning fine and bright over southeastern and central Europe and the Mediterranean, as well as at the Swedish stations and over the north of Scotland; very unsettled (1) over the British Islands and western Europe, (2) over Finland and the Baltic Provinces – with rain in many places. Rain falling later over England, Ireland & the greater part of France, and thunderstorms occurring in many places.

Temperature 80° and more at many stations on the southern and eastern shores of the Mediterranean and Adriatic, and at Constantinople, and exceeding 70° in several places over Germany and the south of Russia. Lowest – below 60° over Ireland, Scotland and the extreme north of Europe; (1) 50° at Archangel, 55° at Uleaborg and Bodö, 57° at Helsingfors; (2) 55° to 56° over the northern half of Ireland, 58° to 59° at many of the stations over north Britain.

Wind (1) N. strong to moderate, over Sweden, the Gulf of Bothnia; (2) E. over the northern parts of our islands (very strong in the north of Ireland), S. over the southern half of England and the north of France, and nearly W. at Rochefort and Coruna; (3) Very variable over southern Europe and the Mediterranean. No decided change occurring later as far as our islands and northwestern Europe are concerned.

Barometer. Highest (1) 30·3 ins. and more to 30·1 ins. over Scandinavia, the North Sea, Scotland and neighbouring parts of the Atlantic; (2) 30·2 ins. and more to 30·1 ins. over the Iberian Peninsula and neighbouring parts of the Atlantic. Lowest (1) below 29.9 ins. in a complex depression off our southwestern coasts and below 30.0 ins. in a secondary system over England and the northeast of France; (2) below 29.7 ins. in a large system over the Baltic Provinces and western Russia. Falling over our northern districts later, but not changing decidedly over France.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	30·10	55	NNE	2	b	30·06	−·02	57	53	− 6	NNE	2	b	*	b	*	66	45	0·20
	Hernösand ...	30·04	59	Z	0	b	30·04	−·08	62	58	0	W	2	bc	*	b	*	72	54	—
	Stockholm ...	30·01	63	NNW	2	b	30·01	−·07	64	57	0	NNW	2	b	*	b	*	70	54	—
	Wisby	30·00	60	N	4	b	29·99	−·07	60	57	− 2	NNE	4	b	*	b	*	68	57	—
	Bodö	30·09	58	Z	0	0	30·07	−·12	55	52	− 4	WSW	4	c	2	0	*	63	52	0·16
	Christiansund ...	30·10	62	NNE	2	b	30·14	−·02	60	56	− 2	NNE	1	b	1	b	*	68	55	—
	Skudesnaes ...	30·07	66	NNW	1	b	30·08	−·03	68	56	+ 3	NNW	2	b	1	b	*	75	57	—
	Færder (Christiania Fjord)	30·04	70	WSW	2	b	30·06	−·07	68	66	+ 2	WSW	2	b	1	b	*	72	64	—
	Skagen (The Scaw)	30·04	64	Z	0	b	30·04	−·04	70	65	+ 2	S	1	b	0	b	*	84	63	—
	Fanö	29·99	67	ESE	3	b	30·01	−·05	66	62	0	E	2	c	*	b	*	80	61	—
	Sumburgh Head	30·05	61	NE	2	b	30·07	−·01	63	60	+ 3	NE	1	b	1	bc, b	*	63	53	—
	Stornoway ...	29·91	66	SE	2	bc	29·94	+·01	63	60	+ 1	SE	2	b	3	b, bc	9·3	69	60	—
	Wick	30·03	61	E	3	c	30·07	+·01	59	58	0	E	2	f	3	c	*	66	55	—
	Nairn	29·93	62	E	2	o	29·96	+·01	61	60	− 1	ENE	2	c	2	o	*	65	56	0·01
	Aberdeen ...	29·97	58	NE	2	obg	30·04	+·03	57	57	0	ESE	1	af	2	obg	0·1	61	56	0·06
British Islands.	Leith	29·92	60	ENE	1	b	29·98	+·06	56	56	− 3	NE	2	mr	*	b	*	59	55	—
	Shields	29·91	59	E	2	f	29·99	+·07	57	56	− 1	NNE	1	f	3	f	*	60	53	—
	Spurn Head ...	29·91	62	ESE	2	c	29·97	+·05	60	59	− 1	E	1	fw	2	c	*	63	56	—
	York	29·90	70	E	1	bc	29·98	+·04	61	59	+ 1	NNE	1	b	*	bc	*	75	52	—
	Loughborough ...	29·90	73	SE	1	bc	29·98	+·04	57	56	− 2	Z	0	cfw	*	c, b, cf	*	73	49	—
	Ardrossan ...	29·88	66	NNE	1	o	29·94	+·04	62	61	− 1	NNE	2	bm	1	o	*	69	58	0·02
	Malin Head ...	29·82	59	E	4	bm	29·90	+·04	59	57	− 1	ESE	3	bc	1	bc, bm	*	62	56	—
	Belmullet ...	29·82	63	NNE	1	c	29·84	−·01	60	58	+ 2	E	1	c	*	bc, c	*	67	57	0·04
	Donaghadee ...	29·91	61	SE	3	b	29·94	+·05	59	58	+ 1	SE	3	m	1	b	*	63	57	—
	Liverpool (Bidston)	29·88	68	SE	1	b	29·95	+·03	63	59	0	SE	1	b	1	b	*	71	57	—
	Holyhead ...	29·88	63	Z	0	bc	29·94	+·04	64	61	+ 2	Z	0	bcmw	0	ctpm, bc	*	66	55	—
	Parsonstown ...	29·85	65	Z	0	o	29·87	·00	60	57	+ 3	Z	0	o	*	o	0·0	66	54	—
	Valencia ...	29·80	62	SSE	1	om	29·79	−·06	59	57	0	SE	1	ov	1	om	3·5	66	54	0·13
	Roche's Point ..	29·85	61	SE	3	c	29·82	−·04	59	58	+ 1	ESE	4	rm	3	c, p	*	64	57	0·15
	Pembroke (St. Ann's Hd.)	29·98	60	SSE	2	b	29·89	+·14	59	57	− 1	SE	4	bc	2	b	9·3	63	57	—
	Scilly	29·87	62	S	3	c	29·82	−·03	60	60	− 1	SW	3	cpm	2	c	8·0	67	59	0·03
	Prawle Point ...	29·93	59	S	2	m	29·90	+·01	58	57	0	E	3	m	2	m	*	63	56	—
	Jersey (St. Aubin's)	29·96	65	WNW	3	c	29·93	+·01	62	61	+ 1	SE	3	opm	3	cm, g	*	66	59	0·05
	Hurst Castle ...	29·94	62	SW	2	c	29·96	+·06	61	61	− 1	ESE	2	cm	2	c, m	*	68	56	—
	Dungeness ...	29·98	64	WSW	3	bc	29·98	+·05	64	60	+ 1	Z	0	bf	0	b, bc	*	67	52	—
	North Foreland	29·93	65	S	3	b	29·99	+·06	64	62	0	WNW	3	bw	2	b	*	66	55	—
	London (Brixton) ...	29·93	67	S	2	c	29·99	+·07	58	56	− 6	S	1	o	*	o, cp, bw	7·1	74	53	—
	Oxford	29·94	63	SSW	1	c	29·98	+·07	54	54	− 8	SSE	1	of	*	c	*	71	51	—
	Cambridge ...	29·92	68	S	1	o	29·98	+·04	61	61	0	SSW	1	b	*	o	6·8	73	49	—
	Yarmouth ...	29·92	63	SSE	3	bc	29·98	+·04	62	60	+ 1	ESE	1	b	2	b, bc	*	65	56	—
Germany & Holland.	Cuxhaven ...	29·96	65	ENE	3	c	29·97	−·05	65	62	+ 2	E	4	b	*	c	*	71	63	—
	Berlin	29·89	72	NE	3	bc	29·97	−·04	64	57	− 3	SSE	3	c	*	bc	*	77	61	—
	Wiesbaden ...	*	*	*	*	*	30·01	+·05	60	59	− 8	Z	0	r	*	*	*	78	57	0·04
	Munich... ..	30·08	56	SW	6	o	30·08	+·12	59	55	− 7	W	5	bc	*	o	*	70	52	0·59
	The Helder ...	30·01	61	NE	1	r	30·01	+·01	62	60	− 1	N	1	c	1	r	*	64	59	0·20
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·01	+·02	59	57	− 6	SW	1	o	*	r	*	72	54	—
	Cape Gris Nez...	29·93	62	W	1	bc	29·96	+·03	61	59	− 1	SW	1	b	1	bc	*	64	55	—
	Paris	29·98	68	W	2	o	30·04	+·02	61	57	0	S	1	b	*	o	*	72	52	0·06
	Brest	?	62	S	3	c	?	?	59	57	0	WSW	3	o	3	c	*	64	57	0·04
	Lorient... ...	29·96	62	SSE	4	o	29·94	−·03	61	60	+ 2	WSW	4	c	3	o	*	68	57	0·04
France &	Rochefort ...	30·07	64	W	3	o	30·04	−·04	64	64	0	W	4	o	*	c, o	*	73	63	0·16
	Belfort														*		*			
	Lyons	30·05	67	N	1	o	30·07	−·02	62	56	+ 1	NNW	1	b	*	o	*	76	53	—
	Nice	29·91	78	SW	2	b	30·00	−·06	72	66	0	E	1	b	1	b	*	86	63	—
	Perpignan ...	30·00	80	W	3	b	30·02	−·06	73	64	+ 4	SE	2	b	*	b	*	88	59	—
	Biarritz ...	30·06	73	NNE	2	o	30·00	−·09	67	63	+ 4	ENE	2	b	1	o	*	77	61	—
Peninsula.	Corunna ...																*			
	Lisbon	30·06	66	N	5	b	30·01	−·13	68	62	+ 2	N	4	b	*	b	*	81	63	—
	Azores (P. Delgada)	30·26	71	Z	0	b	30·19	−·11	71	69	− 1	WSW	3	bc	1	b	*	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 roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR FRIDAY, 27th JULY, 1894.

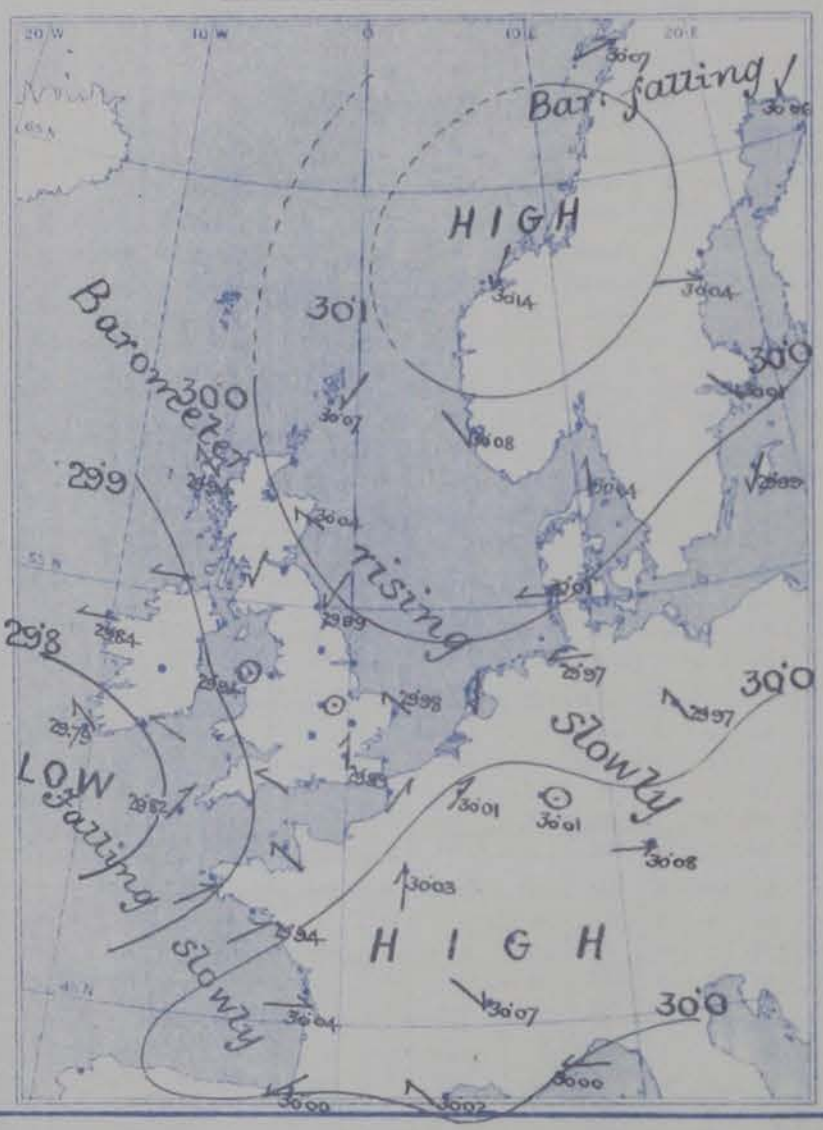
BAROMETER, WIND AND SEA.

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

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

Force above 10 ⇉ ; *Force 5 to 7* ⟶ ; *Force 8 to 10* ↣ ; *Force 1 to 4* ⟶ ; Calm ⊙

SEA—*Rough* ▭ ; *High* ▭



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871–90.)				RAINFALL. (25 years 1866–90.) (Inches.)	BRIGHT SUNSHINE. (10 years 1881–90).	
		Dry Bulb 8 A.M.	Wet Bulb 8 A.M.	Daily Maximum	Daily Minimum.		Hours	Per cent. of possible
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·6	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·39	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	3·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·1 ins. & more to 30·0 ins. over Scandinavia & the northern half of the North Sea, & exceeding 30·0 ins. over Germany, Switzerland, France, &c.

Lowest. Below 29·8 ins. over the Southwest of Ireland and adjacent parts of the Atlantic.

Gradients slight & favourable for S.W. to N.W. winds over our islands, and for very variable airs over the Continent.

Barometer falling a little at our southwestern and southern stations, and also over Lapland; rising slightly on our northeast coasts.

TEMPERATURE

Highest 72° to 73° in the south of France, 70° at the Scaw, 68° at Faerder and Lisbon.

Lowest (1) 55° at Bodö, 57° at Haparanda; (2) 52° at Oxford, 57° at Loughborough, 59° at Brussels & Munich.

The maxima recorded yesterday ranged from 70° to 74° over the inland parts of England & Germany, but touched 84° at the Scaw, 86° at Paris & Nice, 88° at Perpignan.

WIND

Light and variable from between E. and S. over the United Kingdom, moderate from W.S.W. over Brittany & the west coast of France; very light & variable over the Continent generally – but S.W. at Bodö.

WEATHER

Fair at most stations, but not settled yet. Showers falling over the western parts of the Channel, fog and haze very prevalent over our northeastern and eastern districts as well as at Dungeness.

Thunder showers (not heavy) occurred in the S.E., the S.W. and in some northern localities yesterday, & a heavy fall is reported from Munich.

SEA

Smooth or nearly so on all our Coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Although the weather is not settled yet, the general appearance is quieter and more favourable than for some time past.

FORECASTS

For the 24 hours ending at NOON on 28th JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	E. ½ breezes, light to calm; hazy, close, some thunder showers.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Very variable airs and light breezes; weather still changeable, with passing showers and thunder in places.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Varying E. ½ breezes; fair as a whole.
7	ENGLAND N.W.	
8	ENGLAND S.W.	S.W. ½ and S. ½ breezes; changeable showery to fair.
9	IRELAND NORTH	Same as Nos 2 to 5.
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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·08	75	61	W	2	b	2
Sumburgh Head	30·08	62	58	NE	2	be	3
Stornoway	29·93	68	64	SE	2	b	3
Aberdeen	29·99	59	58	ENE	2	org	4
Shields	29·91	59	58	NE	2	f	3
Ardrossan	29·88	67	64	W	1	o	1
Malin Head ...	29·86	62	59	E	4	be	1
Belmullet	29·83	64	61	W	1	be	*
Holyhead	29·89	64	60	NW	1	c t p m	1
Valencia	29·82	64	60	WSW	2	o	3
Scilly	29·87	66	62	SSW	3	c	2
Jersey	29·96	65	60	SW	4	bc	3
Hurst Castle ...	29·93	67	65	SSW	2	c	1
Dungeness ...	29·94	66	63	WSW	3	b	2
North Foreland	29·92	65	62	S	4	b	3
London (Westminster)	29·91	70	62	SSW	3	c	*
Yarmouth ...	29·94	64	62	SSE	3	b	2
Rochefort ...	30·08	71	64	W	4	c	*

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

Weather in morning still fine over southeastern and Central, and Southern Europe, as well as over Scandinavia and Denmark, temporarily fine in several parts of England also; cloudy & unsettled over Ireland and some parts of Scotland, with thunder showers in places; dull and rainy over Central Russia. Showers locally in many parts of our islands and Western Europe later, and considerable rain at Munich.

Temperature 80° or more at Constantinople, Brindisi, Trieste and some Algerian stations; exceeding 70° over Southern Europe generally, and exceeding 60° in most other places. Lowest (1) 50° at Archangel, 55° at Kuopio and St Petersburg, (2) 57° to 59° on our northeast coast, 57° to 58° over the eastern and central parts of Ireland. Rising later to between 70° and 75° over England and Germany and to 72° at Paris, but touching 84° at the Scaw, 86° at Paris and Nice, 88° at Perpignan - night cooler over England than of late.

Wind (1) SW^ly over the Bay of Biscay and English Channel, S^ly over the east of England, E^ly at our northern stations and over Western Germany. Very variable over Ireland and also in Norway; (2) N^ly over the Baltic, north Germany the Gulf of Finland, NW^ly over the south of Russia, E^ly (very light) at Moscow. No decided change later.

Barometer. Highest 30.1 ins. to 30.0 ins. and more over Scandinavia, the eastern shores of the North Sea, also over Algeria the Iberian Peninsula and southwest of France. Lowest (1) below 29.5 ins. in a large depression over Central Russia; (2) 29.9 ins to 29.8 and less over Ireland, Wales and the southwest of England. Subsequent changes very slight.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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DAILY WEATHER REPORT

for 8 a.m. on Saturday, 28th July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia	Haparanda ...	30·02	54	NNW	2	c	30·05	-·01	64	58	+ 7	SSW	2	c	*	c	*	68	45	-
	Hernösand ...	30·05	59	E	0	c	30·06	+·02	62	57	0	NE	2	b	*	c	*	73	48	-
	Stockholm ...	30·02	60	NW	2	b	30·06	+·05	64	58	0	NW	2	b	*	b	*	72	52	-
	Wisby	30·01	60	N	2	b	30·04	+·05	60	58	0	N	4	b	*	b	*	68	55	-
	Bodö	30·13	56	NNW	4	0	30·15	+·08	55	52	0	NNW	2	0	1	0	*	69	52	-
	Christiansund ...	30·17	60	NNE	4	b	30·24	+·10	60	54	0	NE	3	0	2	b	*	68	55	
	Skudesnaes ...	30·10	63	NNW	4	b	30·13	+·05	64	59	- 4	NNW	4	b	2	b	*	72	59	?
	Færder (Christiania Fjord)	30·01	69	WSW	3	b	30·07	+·01	69	68	+ 1	E	0	b	0	b	*	72	66	-
	Skagen (The Scaw)	30·04	65	E	0	b	30·09	+·05	67	64	- 3	WSW	1	b	0	b	*	82	63	-
	Fano	30·04	66	W	3	b	30·10	+·09	66	64	0	W	2	b	*	b	*	75	61	-
British Islands	Sumburgh Head	30·11	62	ENE	1	b	30·28	+·21	61	58	- 2	NE	2	b	3	b	*	64	55	-
	Stornoway ...	29·97	61	E	2	b	30·04	+·10	65	62	+ 2	E	0	b	2	b	13·8	64	60	-
	Wick	30·08	62	SE	3	bc	30·15	+·08	61	58	+ 2	SE	3	c	2	bc	*	67	57	-
	Nairn	29·96	65	E	1	c	30·09	+·13	62	60	+ 1	E	1	b	1	c	*	70	54	-
	Aberdeen ...	30·07	58	SE	1	of	30·16	+·12	56	56	- 1	SE	1	of	1	cmg.f	0·1	61	56	-
	Leith	30·01	62	NE	1	0	30·12	+·14	56	56	0	ENE	2	f	*	0	*	65	55	-
	Shields	30·09	60	E	3	c	30·14	+·15	57	56	- 3	E	1	f	3	c,f	*	63	53	-
	Spurn Head ...	30·01	61	E	3	bc	30·11	+·14	57	56	- 3	N	1	f	2	bc.	*	64	52	-
	York	30·00	69	NE	2	b	30·13	+·15	58	57	- 3	NNE	1	0	*	b	*	75	52	-
	Loughborough ...	29·98	71	SE	3	c	30·12	+·14	59	58	+ 2	E	0	ogfw	*	cg.of	*	79	54	-
	Ardrossan ...	29·95	69	NNE	2	c	30·07	+·13	62	60	0	NNE	3	om	1	c	*	72	56	-
	Malin Head ...	29·88	61	ESE	3	b	30·00	+·10	60	58	+ 1	ESE	3	bm	1	bc,b	*	62	58	-
	Belmullet ...	29·83	67	E	2	bc	29·93	+·09	63	58	+ 3	E	2	0	*	bc	*	69	57	0·01
	Donaghadee ...	29·96	64	NE	3	m	30·07	+·13	58	57	- 1	SE	3	0	2	m	*	68	56	-
	Liverpool (Bidston)	29·95	71	SSE	1	b	30·07	+·12	65	57	+ 2	ESE	2	b	2	b	*	74	58	-
	Holyhead ...	29·95	63	E	0	obm	30·07	+·13	61	58	- 3	S	1	ogm	0	b,obm	*	66	57	-
	Parsonstown ...	29·86	63	SE	2	0	29·98	+·11	60	57	0	SE	2	b	*	0, b	2·7	68	48	-
	Valencia ...	29·78	64	SSE	3	0	29·88	+·09	60	57	+ 1	SSE	5	0	3	r.0	2·2	68	56	0·44
	Roche's Point ...	29·83	60	SE	5	om	29·95	+·13	60	58	+ 1	S	4	c	4	om	*	63	57	0·05
	Pembroke (St. Ann's Hd.)	29·92	60	SSE	3	c	30·05	+·16	59	57	0	SSE	3	bc	2	c	1·6	65	56	-
	Scilly	29·91	62	SSW	3	c	30·01	+·19	61	59	+ 1	SE	5	c	3	c	2·1	67	58	0·01
	Prawle Point ...	29·96	60	SSW	3	b	30·09	+·19	62	60	+ 4	E	1	f	0	d,b,c	*	62	55	0·02
	Jersey (St. Aubin's)	29·99	66	WNW	2	bm	30·08	+·15	62	60	0	E	2	om	2	og,bm	*	67	58	-
	Hurst Castle ...	29·99	64	SSW	2	om	30·06	+·10	62	62	+ 1	NNE	1	d	1	c,om	*	69	57	-
	Dungeness ...	29·99	64	SSE	2	b	30·08	+·10	64	62	0	E	3	m	2	b,f	*	67	?	-
Germany & Holland	North Foreland	30·00	65	SE	2	b	30·10	+·11	64	62	0	SE	2	bcw	2	b	*	68	58	-
	London (Brixton) ...	29·98	73	ESE	1	b	30·10	+·11	70	62	+ 12	SE	1	b	*	c,bc,bmw	6·2	77	54	-
	Oxford	30·00	64	SSW	2	bc	30·10	+·12	63	61	+ 9	ESE	1	c	*	bc	*	73	54	-
	Cambridge ...	29·98	70	SE	1	b	30·12	+·14	62	60	+ 1	SE	1	0	*	b	7·7	77	50	-
	Yarmouth ...	30·01	63	E	2	b	30·11	+·13	60	59	- 2	E	0	b	2	b	*	65	55	-
	Cuxhaven ...	30·02	71	E	2	b	30·16	+·19	71	65	+ 6	E	1	b	*	b	*	78	65	-
	Berlin	30·02	65	NNW	2	c	30·12	+·15	66	57	+ 2	N	2	bc	*	c	*	72	55	-
	Wiesbaden ...	*	*	*	*	*	30·13	+·12	62	58	+ 2	W	3	b	*	*	*	66	54	-
	Munich	30·11	58	W	2	r	30·16	+·08	60	58	+ 1	SW	3	o	*	r	*	68	55	0·28
	The Helder ...	30·06	66	NE	1	b	30·19	+·18	65	64	+ 3	E	1	b	1	b	*	69	61	-
France & Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	30·12	+·11	64	62	+ 5	NE	1	o	*	bc	*	71	55	-
	Cape Gris Nez ...	29·97	64	ENE	1	b	30·04	+·08	63	63	+ 2	E	2	c	1	b	*	70	58	-
	Paris	30·01	70	E	1	0	30·10	+·06	64	61	+ 3	N	1	b	*	0	*	77	53	-
	Brest	?	63	SW	2	bc	?	?	58	57	- 1	ENE	2	bc	2	bc	*	70	55	-
	Lorient	30·01	67	W	3	bc	30·02	+·08	58	56	- 3	ENE	3	c	3	bc	*	70	54	-
	Rochefort ...	30·04	70	NW	3	c	30·04	·00	64	64	0	ENE	4	c	*	c,b	*	75	61	-
	Belfort														*		*			
	Lyons	29·99	73	N	1	b	30·08	+·01	67	60	+ 5	N	1	b	*	b	*	78	58	-
	Nice	29·82	77	SW	2	b	29·93	-·07	72	62	0	E	1	b	1	b	*	84	60	-
	Perpignan ...	29·91	84	E	2	b	30·02	·00	75	67	+ 2	E	0	b	*	b	*	90	62	-
	Biarritz ...	29·95	71	NNE	4	b	29·93	-·07	65	64	- 2	NNW	2	m	2	b	*	77	63	-
Peninsula	Corunna ...														*		*			
	Lisbon	30·03	66	N	3	b	30·11	+·10	66	60	- 2	N	4	bc	*	b	*	?	61	-
	Azores (P. Delgada)	30·15	71	E	0	b	30·17	-·02	72	70	+ 1	SE	1	bc	1	b	*	77	70	-

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

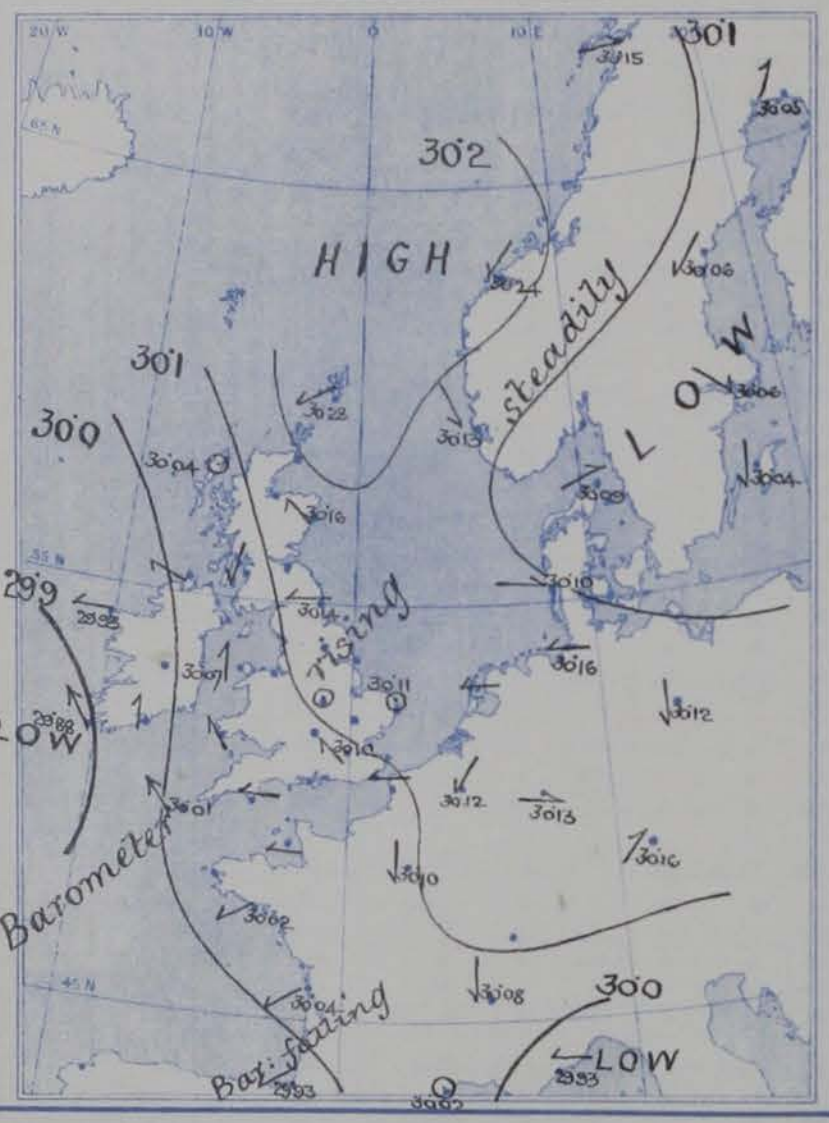
WEATHER CHARTS

FOR SATURDAY, 28TH JULY, 1894.

BAROMETER, WIND AND SEA.

BAROMETER—Isobars are drawn for each tenth of an inch.
WIND—Arrows shew Directions and Force, flying with the wind.

Force above 10 ⟶⟶ ; *Force 5 to 7* ⟶ ; } Calm ⊙
Force 8 to 10 ⟶ ; *Force 1 to 4* ⟶ ; }
SEA—Rough ▭ : *High* ▭



TEMPERATURE & WEATHER.

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

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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871—90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 ins. and more over the Shetlands and the west of Norway, and exceeding 30·1 ins. all over the North Sea, the eastern half of England, the Netherlands and Germany, as well as over the southwestern parts of the Peninsula.
Lowest. Below 29.9 ins. at Valencia and the neighbouring parts of the Atlantic; and below 30.0 ins over the Riviera.
Gradients slight and mainly favourable for SE^{ly} winds over our islands.
Barometer falling a little at Biarritz and Rochefort, rising elsewhere.

TEMPERATURE

Highest 72° to 75° in the south of France, 71° at Cuxhaven, 70° in London, 69° at Jaender and above 60° at nearly all the Continental stations and in some parts of our islands.
Lowest 56° at Leith, 57° at Shields and Spurn Head, 58° at Donaghadee.
The maxima recorded over our inland counties yesterday varied from 75° to 79°; that at Paris was 77° while those in the extreme south of France were much higher.

WIND

Light and very variable over Scandinavia, Germany and Central France; light from SE. & E. in our island; NE^{ly} on the west coast of France, but apparently W^{ly} over the Iberian Peninsula.

WEATHER

Fine and bright at most of the Continental stations, fair over the British Islands, but foggy or hazy in many places, especially over our eastern and southern coasts.
A good deal of rain fell in the southwest of Ireland and at Munich yesterday, and thunderstorms were experienced in the northwest of England & southwest of Scotland. In London the clouds were very heavy at times, but no rain is reported.

SEA

Very little disturbed

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The general condition is much finer and quieter than of late, but some freshening of the E^{ly} winds over the Channel is probable.

FORECASTS

For the 24 hours ending at NOON on 29th JULY 1894.

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 SCOTLAND NORTH 1 SCOTLAND EAST	SE^{ly} breezes, light to moderate; foggy, then fair.	6 SCOTLAND WEST 7 ENGLAND N.W.	Variable SE^{ly} airs; fair generally.
2 ENGLAND N.E. 3 ENGLAND EAST 4 MIDLAND COUNTIES	Very light airs and hazy weather, then SE^{ly} and fair.	8 ENGLAND S.W.	E^{ly} breezes, freshening; fair.
5 ENGLAND SOUTH	SE^{ly} and E^{ly} breezes, freshening; fair, but cloudy during daytime.	9 IRELAND NORTH 10 IRELAND SOUTH	SE^{ly} breezes, moderate; fine.
		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 S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the *North* Cone is hoisted in preference to the *South* Cone.
The **North Cone**, *point upwards* (▲), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the *South* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·08	72	62	NNW	4	b	2	Valencia	29·74	66	62	ESE	3	o	3
Sumburgh Head	30·11	64	60	NE	2	b	2	Scilly	29·88	67	62	SW	4	c	3
Stornoway	29·98	66	63	E	3	b	3	Jersey	29·98	65	60	NW	3	o	3
Aberdeen	30·06	60	59	ESE	1	o q w	1	Hurst Castle ...	29·91	68	66	SSE	1	c	1
Shields	30·02	61	59	NE	2	c	3	Dungeness ...	29·99	67	64	S	2	b	1
Ardrossan	29·95	70	68	NNE	1	c	1	North Foreland	30·01	67	61	SE	2	b	2
Malin Head ...	29·91	62	59	ESE	3	bc	1	London (Westminster)	29·98	73	61	S	2	c	*
Belmullet	29·86	67	61	E	2	bc	*	Yarmouth ...	30·00	65	62	ESE	1	b	2
Holyhead	29·96	64	61	N	1	bt	o	Rochefort ...	30·09	72	67	W	3	c	*

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

Weather in morning still fine and bright over southeastern and southern Europe and also over Scandinavia; clearing up over Germany, the North Sea and the eastern half of England, but foggy along our northeast coasts. Still unsettled over Ireland, with rain at Roche's Point and dull and rainy over Central Russia. Considerable rain at Valencia later and thunderstorms on our northwest coasts.

Temperature changing irregularly. Morning readings 80° to 87° over southeastern Europe and above 70° at the Mediterranean and Adriatic stations generally; above 60° over the greater part of the Continent and England. Lowest 52° at Kuopio, 54° at Archangel, 55° at St. Petersburg and Bodö, and 56° to 57° on our own northeast coasts.

Wind (1) light and variable over Scandinavia, the Netherlands, western Germany and France; (2) S. to E., and variable, over the United Kingdom, SW. to W. in the west of France; (3) N. fresh over the Baltic and Baltic Provinces, W. light over the south of Russia; (4) an independent cyclonic circulation of strong or fresh breezes observed over the northern parts of the Mediterranean and Adriatic; and NW. breezes at Cagliari, Tunis and Palermo.

Barometer. Highest (1) 30·1 ins. and more to 30·0 ins. over Scandinavia and the North Sea, (2) exceeding 30·0 ins. over France, Portugal and the north of Spain. Lowest about 29.6 ins. in a well marked depression over Central Russia, (2) about 29.7 ins. in another over the northeastern shores of the Adriatic, (3) below 29.8 ins. over the southwest of Ireland and adjacent parts of the Atlantic. Low pressure area in last-named region moving northwards later.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

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

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

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DAILY WEATHER REPORT

for 8 a.m. on Sunday, 29 July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.96	61	W	2	c	29.78	-.27	62	57	- 2	NNW	2	bc	*	c	*	70	55	-
	Hernösand ...	29.97	63	SW	0	b	29.97	-.09	63	54	+ 1	NW	4	b	*	b	*	77	52	-
	Stockholm ...	29.98	69	SW	0	b	29.98	-.08	68	59	+ 4	SW	0	b	*	b	*	77	52	-
	Wisby	30.06	61	NW	2	b	29.99	-.05	64	60	+ 4	S	2	b	*	b	*	70	57	-
	Bodö	30.10	54	NNW	4	c	29.96	-.19	52	53	- 1	NNW	6	r	3	c	*	57	52	0.16
	Christiansund ...	30.20	59	NNE	3	c	30.17	-.07	56	55	- 4	NW	4	r	3	c	*	64	55	-
	Skudesnaes ...	30.12	62	NNW	6	b	30.08	-.05	62	57	- 2	NNW	6	c	2	b	*	68	57	?
	Færder (Christiania Fjord)	30.01	68	SW	3	b	29.97	-.10	67	65	- 2	NNE	2	c	2	b	*	70	66	-
	Skagen (The Scaw)	30.02	71	W	2	b	29.97	-.12	67	63	0	SW	2	m	0	b	*	81	66	-
	Fanö	30.13	61	NW	3	b	30.09	-.01	63	59	- 3	NNW	4	c	*	b	*	72	61	-
	Sumburgh Head	30.22	64	ENE	2	b	30.19	+.01	61	57	0	NE	1	b	1	b	*	64	52	-
	Stornoway ...	30.07	70	E	2	b	30.12	+.08	65	60	0	S	0	b	2	b	7.0	74	60	-
	Wick	30.17	60	SE	2	bc	30.19	+.04	61	58	0	SE	2	b	2	bc	*	69	55	-
	Nairn	30.10	68	E	1	b	30.11	+.02	66	60	+ 4	S	0	b	0	b	*	72	47	-
	Aberdeen ...	30.17	58	ESE	1	b	30.18	+.02	59	57	+ 3	ESE	1	bf	1	b	5.6	63	50	-
	Leith	30.12	62	NE	2	c	30.14	+.02	57	57	+ 1	NE	1	c	*	c	*	64	54	0.01
	Shields	30.13	61	ENE	2	f	30.13	-.01	59	57	+ 2	NNE	1	c	2	c.f	*	62	56	-
	Spurn Head ...	30.10	60	ESE	2	b	30.08	-.03	64	61	+ 1	ENE	3	bw	3	f.bf	*	64	56	-
	York	30.10	70	ESE	1	b	30.11	-.02	64	61	- 6	NNE	1	b	*	b	*	76	54	-
	Loughborough ...	30.09	73	E	1	bc	30.07	-.05	62	59	+ 3	ENE	3	bcmw	*	cb.cf	*	77	52	-
British Isls.	Ardrossan ...	30.08	65	NNW	1	c	30.11	+.04	60	58	- 2	NE	4	cm	2	c	*	70	55	-
	Malin Head ...	30.03	63	ESE	2	b	30.10	+.10	58	55	- 2	E	1	c	0	c.b	*	65	56	-
	Belmullet ...	30.02	60	SW	2	c	30.11	+.18	61	60	- 2	SSW	1	c	*	c	*	65	54	0.02
	Donaghadee ...	30.11	60	SE	3	m	30.09	+.02	59	58	+ 1	N	3	m	1	m	*	63	57	-
	Liverpool (Bidston)	30.09	65	NW	1	c	30.04	-.03	66	61	+ 1	E	3	b	2	c	*	75	58	0.03
	Holyhead ...	30.10	61	N	2	c	30.01	-.06	63	60	+ 2	E	3	cm	2	c	*	68	57	0.32
	Parsonstown ...	30.03	63	SE	2	c	30.08	+.10	57	56	- 3	SW	0	r	*	c.o	4.8	68	54	0.12
	Valencia ...	30.02	63	SSE	3	c	30.10	+.22	58	57	- 2	SW	0	c	1	c	5.8	65	48	0.01
	Roche's Point ...	30.03	58	S	2	c	30.05	+.10	57	56	- 3	NW	2	r	3	p.cm	*	63	53	0.45
	Pembroke (St. Ann's Hd.)	30.07	57	SW	0	c	29.97	-.08	59	59	0	NE	3	r	2	b.o	9.3	63	56	0.65
	Scilly	30.04	58	SSE	3	c	30.01	-.00	58	58	- 3	NNW	2	dp	2	o.m	2.4	65	57	0.63
	Prawle Point ...	30.06	62	ESE	1	c	29.96	-.13	60	59	- 2	W	1	m	0	c.o.bl.r	*	67	58	0.80
	Jersey (St. Aubin's)	30.03	69	NE	2	c	29.98	-.10	61	60	- 1	ESE	3	m	3	bc.be.r	*	70	60	1.12
	Hurst Castle ...	30.08	70	SSE	1	bc	29.89	-.17	61	61	- 1	NNW	1	r	1	bc.f	*	74	60	0.45
	Dungeness ...	30.04	64	E	4	c	29.97	-.11	67	63	+ 3	E	3	bc	2	b.o	*	68	61	-
	North Foreland	30.09	62	E	3	f	30.02	-.08	65	63	+ 1	SE	3	b	3	b.f	*	66	60	-
	London (Brixton) ...	30.08	70	SSE	3	b	30.01	-.09	64	62	- 6	NNE	1	c	*	bc.b.o	9.2	78	59	-
	Oxford	30.06	67	E	1	c	30.01	-.09	61	59	- 2	ENE	1	c	*	c.o	*	73	55	-
	Cambridge ...	30.09	73	SE	1	b	30.04	-.08	67	64	+ 5	E	1	b	*	b	9.8	77	53	-
	Yarmouth ...	30.12	61	E	2	f	30.05	-.06	64	62	+ 4	E	3	b	3	bf	*	64	57	-
Germany & Holland.	Cuxhaven ...	30.15	72	N	1	b	30.08	-.08	73	66	+ 2	ESE	1	b	*	b	*	73	70	-
	Berlin	30.11	71	NW	2	bc	30.12	.00	68	61	+ 2	NNW	1	b	*	bc	*	77	61	-
	Wiesbaden ...	*	*	*	*	*	30.10	-.03	66	61	+ 4	NE	2	b	*	*	*	72	59	-
	Munich	30.18	62	ENE	1	b	30.17	+.01	61	58	+ 1	E	3	b	*	b	*	70	50	-
	The Helder ...	30.19	67	NNE	2	b	30.14	-.05	68	64	+ 3	E	1	b	1	b	*	70	64	-
	Brussels (9 a.m.) ...	*	*	*	*	*	30.06	-.06	69	61	+ 5	SE	1	b	*	b	*	75	58	-
	Cape Gris Nez	30.04	64	E	2	m	29.99	-.05	67	63	+ 4	SE	1	m	1	m	*	67	59	-
	Paris ...	30.04	77	S	1	b	30.01	-.09	69	62	+ 5	SE	1	c	fl	b	*	83	54	-
	Brest ...	?	57	N	2	r	?	?	58	58	0	NW	2	bc	3	r	*	70	55	0.28
	Lorient	30.02	61	NW	3	b	30.01	-.01	61	58	+ 3	NNW	5	c	3	b	*	68	55	0.16
France & Belgium.	Rochefort ...	29.99	78	SE	3	c	30.07	+.03	64	63	0	W	5	c.fl	*	c.bl.r	-	81	61	0.52
	Belfort														*		*			
	Lyons	30.01	76	N	1	b	30.05	-.03	66	60	- 1	N	1	bc	*	b	*	81	57	-
	Nice	29.94	75	SW	4	b	30.02	+.09	70	62	+ 4	E	2	b	0	b	*	86	66	-
	Perpignan ...	29.95	73	NE	1	c	30.05	+.03	74	64	- 1	NW	3	b	*	c	*	85	64	-
	Biarritz ...	30.02	68	W	5	o	30.13	+.20	67	63	+ 2	W	4	cfl	2	o	*	73	64	-
Penin-sula.	Corunna ...														*		*			
	Lisbon ...	30.18	66	NNW	4	b	30.18	+.07	68	60	+ 2	N	5	b	*	b	*	78	63	-
	Azores (P. Delgada)	30.26	73	S	0	b	30.26	+.09	73	72	+ 1	SW	1	bc	1	b	*	77	70	-

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office* [illegible] *minster.*

WEATHER CHARTS

FOR SUNDAY, 29th JULY, 1894.

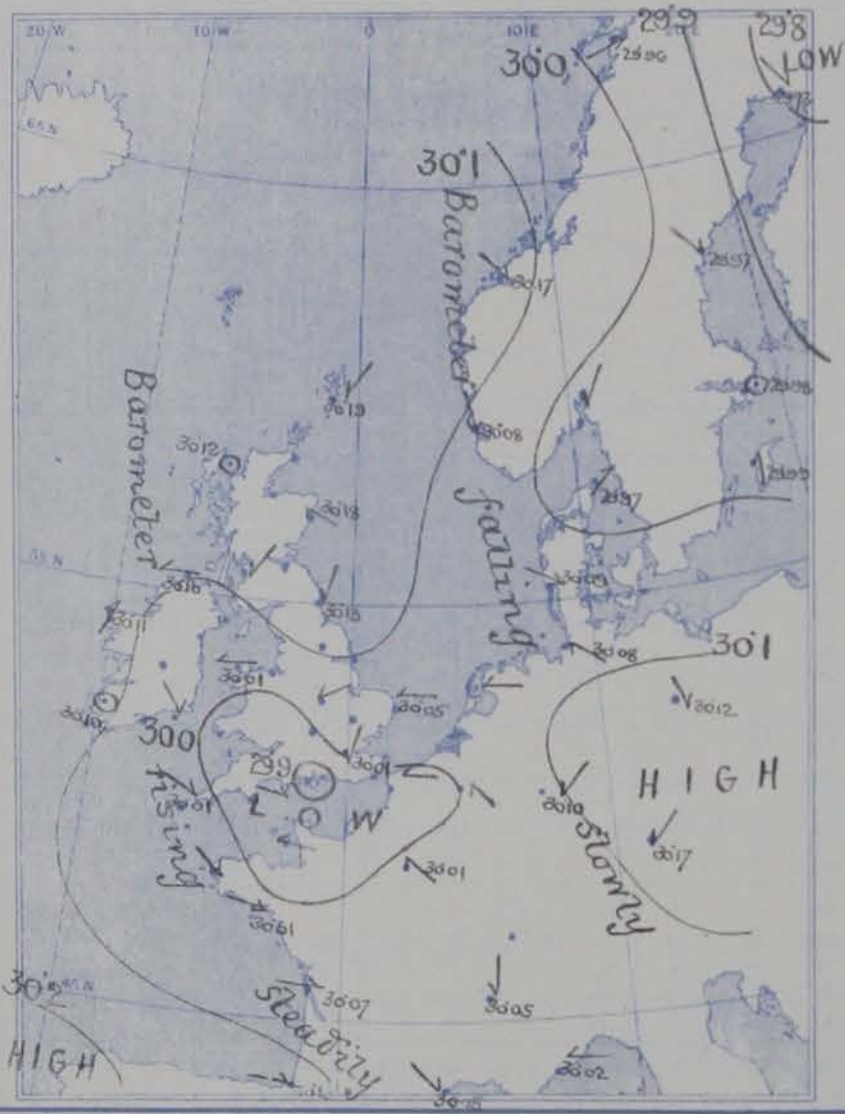
BAROMETER, WIND AND SEA.

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

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

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

SEA—Rough ▭ ; *High* ▭


20°W
10°W
0
10°E
65°N
55°N
45°N
30°
29·9
29·8
LOW
30·1
Barometer falling
Barometer
30·0
29·9
LOW
Rising
30·1
HIGH
Slowly
30·7
30·5
30·2
HIGH
Steadily
30·2
30·1
30·0
30·1
30·1
30·1

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30·2 in. + more to 30·1 in. over Portugal + the western half of Spain; exceeding 30·1 in. over Ireland + Biscay as well as over Scotland + the western part of
Lowest 30·0 in. to rather below 29·9 in. in a complex depression over the west + south of England + the north of France + the neighbouring parts of the Channel
Gradients slight and very irregular.
Barometer rising in Scotland and Ireland, falling at the southern and eastern stations.

TEMPERATURE

Highest 76° to 74° on the south coast of France, 69° at Paris + Brussels, 68° at Berlin.
Lowest 54° at Bodö, 57° at Parsonstown and Leith, 58° at Malin Head, 59° at Aberdeen and Shields.
The maxima recorded yesterday varied from 70° to 77° over the inland parts of England + Germany, 65° to 66° in the south of France and touched 80° at Turin +

WIND

Very light and variable over Scotland and Ireland, NE. to NW. on the coasts of Wales and west of England, W. in the west of France, SE. to E. over our eastern and midland counties. Very variable elsewhere

WEATHER

Fine and bright over the greater part of Scotland; dull and very unsettled over Ireland, England, and the northwest of France, with rain in many places.
Rain has fallen at the western + southern English stations — heavily in places, and thunder + lightning over the western part of the Channel have occurred

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 30th July 1894.

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	

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 S.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 *North* Cone is hoisted in preference to the *North* Cone.

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.		BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30 14	61	60	NNW	6	b	2	Valencia	29 96	62	59	SSE	3	og	4
Sumburgh Head	30 20	62	59	ENE	2	b	3	Scilly	30 04	62	60	SSE	4	o	3
Stornoway	30 08	71	64	W	0	b	2	Jersey	30 06	67	62	ESE	2	bc	2
Aberdeen	30 18	60	59	ESE	1	b	1	Hurst Castle ...	30 08	70	69	S	1	c	1
Shields	30 14	60	58	E	2	c	3	Dungeness ...	30 08	67	64	E	3	b	2
Ardrossan	30 07	70	68	NNE	1	o	1	North Foreland	30 12	65	63	E	2	b	2
Malin Head ...	30 03	61	58	ESE	3	c	1	London (Westminster)	30 08	75	63	SSE	1	c	#
Belmullet	29 98	65	60	SSE	3	o	#	Yarmouth ...	30 12	63	61	ESE	2	b	1
Holyhead	30 10	67	60	SW	2	bp	1	Rochefort ...	29 99	73	70	SE	3	t	*

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

Weather in morning fine and bright over southeastern, southern and the greater part of Central Europe, as well as over the Baltic, Sweden, Denmark and many parts of England; very foggy along our northeast coasts and at some of the Channel stations, cloudy elsewhere, rainy at Moscow and St. Petersburg. Rain later at our southwestern and western stations (heavy in the southwest) and considerable falls in the west of France also; thunder and lightning in all the last named regions.

Temperature risen over the south midland parts of England, fallen over Central Europe. Morning readings highest - 89° at Brindisi, above 80° over Southeastern Europe generally, as well as at Barcelona & Palma, and above 70° on the Mediterranean coast generally. Lowest (1) 55° & 59° over Central and Northern Russia; (2) 53° at Bodo, 56° to 57° along our northeast coasts, 58° at Donaghadee and York. Rising later to between 75° & 78° over the inland parts of England, to 77° in Sweden, 83° at Paris, 86° to 91° over Italy and rather higher over parts of Algeria.

Wind (1) N. over the Baltic and Finland, N. to NW. over northern Germany and the Baltic Provinces, W. over the South of Russia, S. at Moscow; (2) N. & W. on the Portuguese and Spanish coasts, but L. in the west of France and SW. & E. over the British Islands; (3) very variable over the Mediterranean. Cyclonic circulation appearing over Spain later. No great change elsewhere.

Barometer. Highest 30·2 ins. and more in the west of Norway and exceeding 30·1 ins. all over the North Sea, the Netherlands and western Germany; exceeding 30·0 ins. over France and some parts of the Mediterranean. Lowest (1) 29.6 ins. and less in a depression over Central Russia; (2) below 29.9 ins. over the west of Ireland and the neighbouring parts of the Atlantic. Local depression forming over Central Spain later; Russian depression beginning to fill up.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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, 30th July,* 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)								PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29.77	53	N	4	b	29.80	+.02	54	47	- 8	N	4	c	*	b	*	72	52	-
	Hernösand ...	29.88	62	NNW	4	bc	29.92	-.05	56	48	- 7	NW	4	b	*	bc	*	73	54	-
	Stockholm ...	29.90	63	Z	0	f	29.87	-.11	62	57	- 6	NNW	2	b	*	f	*	71	53	-
	Wisby	29.86	63	SE	4	b	29.85	-.14	66	59	+ 2	ENE	14	b	*	b	*	79	55	-
	Bodö	30.05	49	NNW	4	f	30.02	+.06	49	47	- 5	N	2	bc	1	f	*	54	46	0.12
	Christiansund ...	30.13	57	NNW	3	f	30.08	-.09	57	52	+ 1	NE	5	f	3	f	*	61	52	0.04
	Skudesnaes ...																*			
	Færder (Christiania Fjord)	29.91	67	SSE	2	b	29.94	-.03	63	59	- 4	NNE	4	bc	1	b	*	70	63	-
	Skagen (The Scaw)	29.88	64	W	1	m	29.88	-.09	68	64	+ 2	Z	0	c	0	m	*	73	61	-
	Fanö	29.99	61	NNW	4	c	29.93	-.16	62	58	- 1	NNW	2	c	*	c	*	68	59	-
British Islands.	Sumburgh Head	30.17	59	NE	1	bc	30.08	-.11	56	54	- 5	NNE	1	0	1	bc	*	62	48	-
	Stornoway ...	30.08	68	E	2	b	30.08	-.04	65	61	0	E	3	b	3	b	14.3	72	60	-
	Wick	30.17	64	S	1	b	30.15	-.04	57	54	- 4	S	2	0	1	b	*	67	54	-
	Nairn	30.07	67	E	2	b	30.09	-.02	59	57	- 1	E	1	c	1	b	*	70	54	-
	Aberdeen ...	30.13	57	ESE	2	b	30.10	-.08	60	55	+ 1	NNE	2	bcw	2	b.f	9.7	61	53	-
	Leith	30.11	63	NE	1	b	30.10	-.04	53	53	- 4	NE	1	m	*	b.f	*	65	50	-
	Shields	30.09	62	NE	2	c	30.08	-.05	56	55	- 3	N	3	c	2	c.f	*	62	52	-
	Spurn Head ...	30.01	61	NE	4	b	30.01	-.07	61	58	- 3	NNE	3	0	3	b	*	65	57	-
	York	29.96	66	ENE	2	b	30.06	-.05	63	59	- 1	N	2	bc	*	b	*	76	56	-
	Loughborough ...	29.97	71	NE	5	bc	30.05	-.02	61	57	- 1	NNE	3	0	*	bcq,c.0	*	77	57	-
	Ardrossan ...	30.05	73	NNE	3	bm	30.07	-.04	61	58	+ 1	Z	0	bm	0	bm	*	74	54	-
	Malin Head ...	30.07	62	N	2	b	30.08	-.02	59	59	+ 1	S	1	of	0	b.f	*	63	57	-
	Belmullet ...	30.13	60	N	1	0	30.11	.00	60	59	- 1	NNE	1	0	*	0	*	61	57	-
	Donaghadee ...	30.06	64	NNE	4	bc	30.10	+.01	64	61	+ 5	N	2	m	0	bc	*	66	56	-
	Liverpool (Bidston)	29.99	70	ENE	4	0	30.08	+.04	62	58	- 4	NNE	1	0	1	0	*	75	58	-
	Holyhead ...	29.99	65	ENE	2	cqm	30.07	+.06	63	59	0	E	3	b	2	cqm	*	68	57	-
	Parsonstown ...	30.01	61	Z	0	0	30.10	+.02	59	58	+ 2	Z	0	b	*	0,bc	0.0	61	53	0.10
	Valencia ...	30.13	60	NW	4	0	30.12	+.02	60	58	+ 2	NNW	1	0m	1	c, 0	4.8	63	58	-
	Roche's Point ...	30.04	60	NNW	4	b	30.07	+.02	65	61	+ 3	NE	2	bc	2	0	*	63	56	0.10
	Pembroke (St. Ann's Hd.)	29.98	58	NW	2	0	30.02	+.05	60	59	+ 1	Z	0	c	0	of	0.0	60	59	0.13
	Scilly	30.06	60	NW	5	c	30.04	+.03	60	58	+ 2	NW	3	cm	3	c	3.0	64	54	0.01
	Prawle Point ...	29.97	59	W	5	c	30.01	+.05	60	59	0	NE	2	0	1	cp	*	63	57	0.06
	Jersey (St. Aubin's)	30.00	62	W	4	ogp	29.97	-.01	60	59	- 1	NNW	4	ogmp	3	ogp.l	*	63	58	0.61
	Hurst Castle ...	29.96	62	SW	1	0	29.96	+.07	61	60	0	NNE	2	og	2	og	*	64	60	0.69
	Dungeness ...	29.89	60	NNW	4	f	29.90	-.07	61	60	- 6	SW	1	c	0	c, tlr	*	70	58	0.75
	North Foreland	29.88	65	ENE	5	c	29.91	-.11	61	60	- 4	SW	1	0	2	b,c	*	67	58	0.18
	London (Brixton) ...	29.94	63	NNW	2	0	29.95	-.06	58	58	- 6	NNE	2	ogr	*	rtl,0,bc	c.4	76	58	0.25
	Oxford	29.94	61	N	1	c	30.00	-.01	58	58	- 3	N	2	og	*	r, tlr	*	66	57	0.92
	Cambridge ...	29.94	73	E	1	b	29.99	-.05	60	57	- 1	NNE	2	0	*	b	11.7	79	57	0.01
	Yarmouth ...	29.97	65	ENE	4	b	29.95	-.10	60	58	- 4	NNE	4	c	4	b	*	67	59	0.04
Germany & Holland.	Cuxhaven ...	30.04	67	NE	2	b	29.96	-.12	66	63	- 1	ENE	3	b	*	b	*	73	65	-
	Berlin	30.01	76	N	1	bc	29.96	-.16	71	63	+ 3	SSW	1	c	*	bc	*	82	66	-
	Wiesbaden ...	*	*	*	*	*	30.01	-.09	65	61	- 1	SW	4	bc	*	*	*	79	?	0.20
	Munich	30.05	64	SE	2	b	30.11	-.06	60	59	- 1	SW	2	r	*	b	*	73	59	0.04
	The Helder ...	30.01	68	ENE	5	b	29.94	-.20	65	62	- 3	Z	5	c	3	b	*	72	64	-
Belgium.	Brussels (9 a.m.) ...	*	*	*	*	*	29.94	-.12	61	59	- 8	NE	3	0	*	0	*	79	57	0.47
	Cape Gris Nez ...	29.88	61	NW	1	f	29.89	-.10	59	59	- 8	SSE	1	0	1	tlr	*	77	57	0.87
	Paris	29.96	67	SE	3	c	30.00	-.01	58	57	- 11	SSW	2	0	*	c	*	81	57	0.63
	Brest	?	67	NNW	3	c	?	?	57	57	- 1	NW	3	bc	3	c	*	64	55	-
	Lorient	30.08	64	NNW	6	bc	30.10	+.09	59	56	- 2	NNW	5	bc	4	bc	*	66	57	-
France &	Rochefort ...	30.15	66	W	5	bc	30.15	+.08	62	58	- 2	NNW	5	bc	*	bc	*	77	55	
	Belfort														*		*			
	Lyons ...	30.04	68	NE	1	c	30.12	+.07	64	57	- 2	NE	1	b	*	lt,r,l	*	84	58	0.59
	Nice	29.97	78	SW	4	b	29.95	-.07	72	68	- 4	Z	0	b	0	b	*	86	66	-
	Perpignan ...	30.07	75	NW	3	c	30.13	+.08	68	59	- 6	NW	1	0	*	c	*	83	66	-
	Biarritz ...	30.15	68	W	4	bc	30.17	+.04	65	60	- 2	NW	4	c	2	bc	*	72	63	-
Peninsula.	Corunna ...																*			
	Lisbon	30.15	68	NNE	4	b	30.10	-.06	69	53	+ 1	N	4	b	*	b	*	79	63	-
	Azores (P. Delgada)	30.31	72	Z	0	b	30.30	+.04	72	70	- 1	SE	1	bc	1	b	*	77	70	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 roof of the Meteorological Office, Westminster*

WEATHER CHARTS

FOR MONDAY, 30TH JULY, 1894.

BAROMETER, WIND AND SEA.

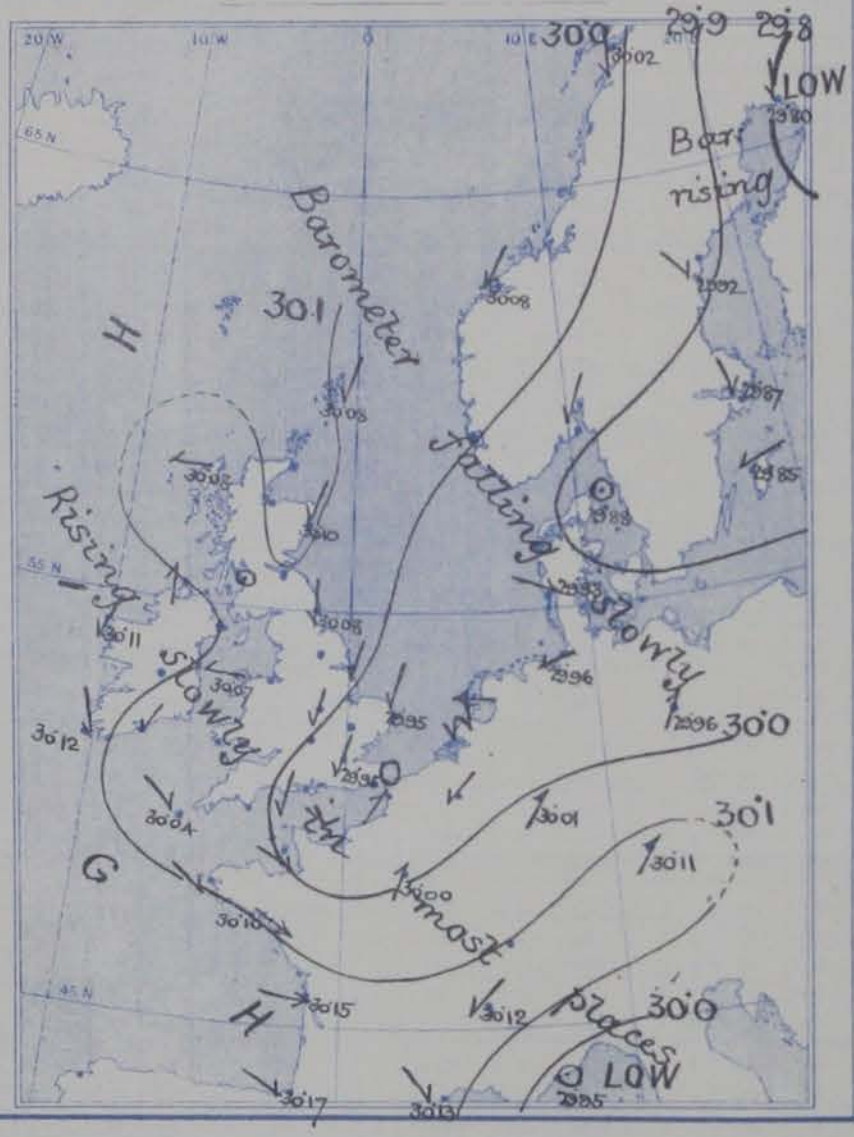
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

Force 8 to 10 ⟶ ; Force 1 to 4 ⟶ ; }

SEA—Rough ▤ ; High ▩

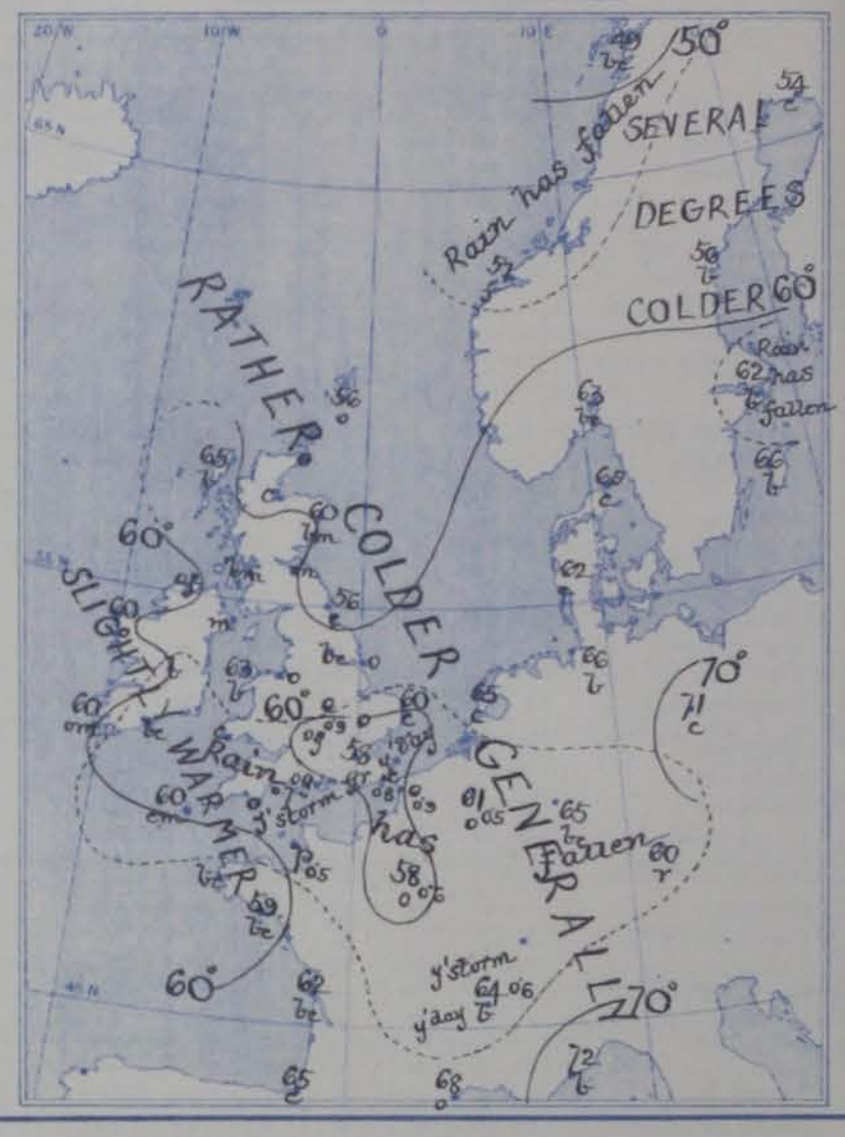


TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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



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

STATIONS.	PRESSURE AT 8 A.M (20 years 1871–90). (Inches.)	TEMPERATURE. (20 years 1871—90). Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	RAINFALL. (25 years 1866—90). (Inches.)	BRIGHT SUNSHINE. (10 years 1881—90). Hours	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64·3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	137·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·9	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and more over Spain and the Southwest of France; also over the western & northern parts of Ireland & the northwest of Scotland

Lowest 29.8 ins. and less in Lapland; 29.4 ins. and less over the South of Sweden as well as in a small depression on the Skaw of Norway

Gradients slight and irregular.

Barometer changing little and irregularly.

TEMPERATURE

Highest 72° at Nice, 71° at Berlin, 68° at the Scaw, 66° at Cuxhaven, 65° at Stornoway.

Lowest (1) 49° at Bodö, 54° at Christiansund; (2) 59° at Parsonstown; (3) 53° at Leith, 56 at Shields (4) 58° at Oxford, London and Paris

WIND

Chiefly W.ly over Norway, England and Ireland, W.ly over the Bay of Biscay, SW.ly over France, S.ly over Germany. In Scotland it is light & very variable, while on the Dutch coasts it is NW.ly

It varied greatly in direction over England yesterday, but was very light in force.

WEATHER

Very changeable, though temporarily clear over the north and west of England; rain is falling at Yarmouth, Jersey & in London

Thunderstorms were very prevalent over the South of England & north of France yesterday, and in many places the rainfall was large

SEA

Very little disturbed on our coasts, moderate over the Bay of Biscay.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Changeable weather is still probable, with showers and thunder in many places, but with intervals of bright weather.

FORECASTS

For the 24 hours ending at NOON on 31st JULY 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	Varying light breezes; showery, some thunder in places.
1	SCOTLAND EAST	
2	ENGLAND N.E.	Same as No. 4.
3	ENGLAND EAST	Same as No. 5.
4	MIDLAND COUNTIES	N.ly breezes, light, fair; then unsettled again, showery and perhaps thunder.
5	ENGLAND SOUTH	N.ly breezes, moderate to light; fair, but not settled.
6	SCOTLAND WEST	Varying airs; showers at times, thundery, unsettled.
7	ENGLAND N.W.	
8	ENGLAND S.W.	NW.ly breezes; fair as a whole.
9	IRELAND NORTH	Same as No. 6 and 7.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	NONE ISSUED.

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	30·06	65	59	NNW	8	b	3
Sumburgh Head							
Stornoway	30·12	68	66	E	2	b	2
Aberdeen							
Shields							
Ardrossan							
Malin Head ...	30·10	62	59	E	1	b	0
Belmullet	30·11	59	58	N	1	0	#
Holyhead							

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Valencia							
Scilly							
Jersey	29·99	63	61	NEN	4	0	3
Hurst Castle ...							
Dungeness ...	29·88	68	64	E	4	c	3
North Foreland	29·95	67	64	E	3	b	3
London (Westminster)							#
Yarmouth ...							
Rochefort ...	30·15	71	63	N	5	c	#

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

Weather in morning fine in the north of Scotland and also over the eastern parts of England; dull and rainy at many of our southern and southwestern stations. Fine over the greater part of the Continent, but rainy in the west of Norway; thunderstorms reported in the west of France. Thunderstorms & heavy rain occurring during day over the south of England generally, as well as in many parts of France; sky clearing in the north of Ireland.

Temperature changed very irregularly. Morning readings highest 88° at Brindisi, 87° at San Fernando, 83° at Palma and 82° at Athens and Algiers; above 70° over Southern Europe generally, and above 65° at some of the English stations. Lowest (1) 54° at Bodö & Archangel; 56° at Christiansund and 58° at St Petersburg; (2) 57° at Leith, Parsonstown and Roche's Point. Rising during day to 72° at Stornoway, to 75° and upwards in many parts of England and to 79° at Cambridge. Exceeding 80° at most of the French stations and reaching 86° at Nice.

Wind light from the E'ly or NE'ly in all but the extreme southern parts of Great Britain, where it is variable or W'ly. Variable in Ireland, moderate to fresh from the W'ly in the west of France and from the N'ly in Spain. N'ly or NW'ly in Scandinavia, Russia, Eastern Germany, Austria & Italy, E'ly in western Germany and the Central parts of France. Moderate NW'ly breezes setting in later over the western parts of our islands, no important change occurring elsewhere.

Barometer highest 30·2 ins. and upwards in Portugal; 30·1 ins. & upwards over Germany & also over the northern parts of Great Britain & the North Sea. Lowest 29·7 ins. & less in a large depression over Central Russia; 29·9 to 30·0 ins. in another disturbance over the Channel and the south of England. Latter disturbance subsequently moving slowly northeastwards and barometer rising at most of our southern and southwestern stations.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD
FROM THE 22ND TO THE 28TH JULY 1894.

During the early part of this week fine weather was prevalent over the more northern parts of our islands, but some small disturbances which appeared in the southwest and south caused cold N'ly breezes to spread over England and Ireland, accompanied by severe thunderstorms and rain; in many places the falls were large (1·3 ins. at Holyhead on the 24th) and in most places the thermometer failed to reach 70° all day.

After Wednesday, however, a recovery set in, and although some small depressions continued to reach our southwest coasts and the distribution of pressure was of a complex type, gradients decreased, the falls of rain became slighter, thunder and lightning less frequent and the amount of cloud decreased.

At the close of the week pressure was comparatively uniform, the barometer was moderately high and rising slowly; the thermometer also was rising decidedly, and the sky becoming clearer.

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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 31st July, 1894.

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

	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.		Temperature.			Wind.						Temp.		
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)	Weather	At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)	Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Max.	Min.	Rainfall.
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
Scandinavia.	Haparanda ...	29·80	46	NW	4	bc	29·88	+·08	52	45	- 2	N	6	b	#	bc	3	59	43	-
	Hernösand ...	29·87	55	W	0	bc	29·93	+·01	55	50	- 1	NNE	4	b	#	bc	#	68	52	-
	Stockholm ...	29·88	59	NNE	2	b	29·89	+·02	60	52	- 2	N	2	c	#	b	#	66	57	-
	Wisby	29·89	60	E	2	b	29·90	+·05	64	57	- 2	SSE	2	c	#	b	#	70	57	-
	Bodo	30·02	50	NW	4	c	30·02	·00	50	45	+ 1	W	0	0	0	c	#	52	45	-
	Christiansund ...	30·05	57	NE	6	b	30·00	-·08	56	49	- 1	E	6	m	3	b	+	59	48	-
	Skudesnaes ...	29·86	59	NNW	4	b	29·85	-·07	60	57	- 1	SSW	2	0	2	b	+	67	54	?
	Færder (Christiania Fjord)	29·82	70	W	0	c	29·89	-·05	61	58	- 2	NNE	6	c	2	c	#	70	?	-
	Skagen (The Scaw)	29·83	66	W	0	bc	29·78	-·10	69	66	+ 1	E	1	bc	0	bc	#	79	63	-
	Fanö	29·85	60	NNW	2	b	29·83	-·10	65	60	+ 3	WNW	4	c	#	b	#	68	61	-
British Islands.	Sumburgh Head	30·03	57	NNE	1	0	29·96	-·12	57	53	+ 1	NE	1	0	2	0	#	60	53	-
	Stornoway ...	30·03	60	NE	4	b	29·94	-·14	58	57	- 7	NE	3	c	3	b	1·4	65	55	-
	Wick	30·08	57	S	2	c	30·02	-·13	55	54	- 2	NNW	2	0	1	c	#	60	52	-
	Nairn	30·01	61	E	3	b	30·05	-·04	58	55	- 1	W	0	0	1	b	#	67	54	-
	Aberdeen ...	30·05	59	NNE	3	b	29·99	-·11	56	53	- 4	N	1	0 g	2	b	8·2	67	55	-
	Leith	30·02	64	E	2	b	29·97	-·13	63	58	+ 10	E	1	c	#	b	#	66	52	-
	Shields	30·03	60	NNE	2	b	29·98	-·10	58	56	+ 2	NNW	1	0	2	bc, b	#	63	53	-
	Spurn Head ...	30·00	60	N	3	ov	29·98	-·03	61	55	0	NE	2	ov	3	ov, p	#	64	51	0·01
	York	30·04	65	ENE	2	b	30·01	-·05	54	54	- 9	N	1	f	#	b	#	68	46	-
	Loughborough ...	30·03	67	E	1	0	30·02	-·03	62	58	+ 1	SE	1	bmw	#	oc, bcm	#	70	53	-
	Ardrossan ...	30·01	66	W	0	b	29·94	-·13	64	62	+ 3	NNE	2	bm	1	bc, b	#	68	54	-
	Malin Head ...	30·02	60	E	1	bc	29·91	-·17	60	59	+ 1	ENE	1	of	0	o, bc	#	64	54	-
	Belmullet ...	30·05	62	NNE	1	0	29·86	-·25	61	59	+ 1	ESE	1	f	#	0	#	65	51	0·03
	Donaghadee ...	30·04	69	SSE	2	b	29·96	-·14	59	58	- 5	SSW	2	bc	0	b	#	70	58	-
	Liverpool (Bidston)	30·03	68	NNW	1	b	29·98	-·10	68	64	+ 6	SE	1	b	0	b	#	70	56	-
	Holyhead ...	30·05	61	NW	1	b	29·99	-·08	61	59	- 2	SSW	3	m	2	bm, b	#	68	55	-
	Parsonstown ...	30·04	69	NW	1	0	29·92	-·18	61	59	+ 2	SW	1	0	#	c, o	6·0	74	59	-
	Valencia ...	30·08	60	W	1	cm	29·85	-·27	61	60	+ 1	SSE	1	rm	2	om, cm	0·2	63	57	0·45
	Roche's Point ..	30·05	65	SW	2	bc	29·93	-·14	60	60	- 5	S	4	r	3	bc, r	#	68	57	0·02
	Pembroke (St. Ann's Hd.)	30·04	65	W	2	b	30·00	-·02	60	58	0	SW	2	0 g	1	b	12·5	68	56	-
	Scilly	30·09	61	NNW	3	0	30·04	·00	61	60	+ 1	S	3	cm	2	c, of, o	3·5	64	56	-
	Prawle Point ...	30·06	62	W	3	c	30·06	+·05	58	57	- 2	NNW	1	m	0	o of	#	65	55	-
	Jersey (St. Aubin's)	30·07	62	NW	3	ogm	30·09	+·12	62	60	+ 2	W	3	ogm	3	c, p, ogm	#	64	58	0·03
	Hurst Castle ...	30·01	65	SW	1	c	30·03	+·07	60	59	- 1	NNW	1	om	1	c	#	70	58	-
	Dungeness ...	29·97	63	NNE	2	c	30·00	+·10	63	57	+ 2	N	3	b	2	c	#	63	58	-
	North Foreland	29·97	62	N	4	0	30·00	+·09	60	58	- 1	N	3	op	3	0	#	64	57	0·08
	London (Brixton) ...	30·00	65	NW	1	bc	30·02	+·07	63	58	+ 5	SSE	1	0	#	0, b, 0	2·6	68	55	-
	Oxford	30·03	63	N	1	c	30·03	+·03	59	58	+ 1	SW	1	ou	#	c	#	71	57	-
	Cambridge ...	30·01	64	NNE	2	0	30·03	+·04	61	58	+ 1	W	0	0	#	c, 0	5·9	68	51	-
	Yarmouth ...	29·97	61	N	3	c	29·98	+·03	60	57	0	NW	2	cv	3	c, cv	#	63	56	-
Germany & Holland.	Cuxhaven ...	29·90	65	N	2	c	29·89	+·07	64	62	- 2	NNW	3	bc	#	c	#	72	63	-
	Berlin	29·88	71	W	3	c	29·81	-·15	63	62	- 8	WSW	2	r	#	c	#	64	63	0·04
	Wiesbaden ...	#	#	#	#	#	29·97	-·04	60	57	- 5	W	0	bc	#	#	4	73	52	0·16
	Munich	30·11	53	SW	5	r	30·05	-·06	58	53	- 2	NNW	3	bc	#	r	#	61	50	1·06
	The Helder ...	29·97	61	NNE	3	0	29·98	+·04	62	58	- 3	N	2	c	2	0	#	66	61	1·18
Belgium.	Brussels (9 a.m.) ...	#	#	#	#	#	29·97	+·03	57	57	- 4	NW	4	r	#	c	#	70	55	0·20
	Cape Gris Nez ...	29·94	60	NE	4	c	29·98	+·09	59	58	·0	NW	3	0	4	c	#	64	53	-
	Paris	29·97	61	SSW	2	0	30·05	+·05	62	57	+ 4	NNW	1	bc	#	0	#	64	57	0·04
	Brest	?	61	NW	2	0	?	?	59	58	+ 2	NNW	1	c	2	0	#	63	?	-
	Lorient	30·11	61	W	5	0	30·12	+·02	60	59	+ 1	NW	3	0	2	0	#	64	57	-
France &	Rochefort ...	30·16	65	NNW	4	b	30·15	·00	63	61	+ 1	NW	4	0	#	b	#	70	52	-
	Belfort														#		#			
	Lyons ...	30·08	66	NE	1	c	30·12	·00	60	56	- 4	W	1	0	#	c	#	74	51	-
	Nice	29·98	78	W	1	b	29·89	-·06	70	67	- 2	SW	1	b	2	b	#	74	64	-
	Perpignan ...	30·05	73	NW	3	0	30·11	-·02	67	59	- 1	NW	3	b	#	0	#	76	59	-
	Biarritz ...	30·17	69	NNW	3	b	30·16	-·01	63	59	- 2	SW	2	c	3	b	#	73	59	0·08
Penin-sula.	Corunna ...														#		#			
	Lisbon	30·06	67	NNW	6	b	30·05	-·06	72	62	+ 6	NNW	3	b	#	b	#	81	64	-
	Azores (P. Delgada)	30·29	72	W	0	8	30·26	+·09	74	72	+ 2	WSW	3	bc	1	b	#	77	70	-

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

NOTE: *The Sunshine for London given in this Table is recorded on the roof of the Meteorological Office, Westminster.*

WEATHER CHARTS

FOR TUESDAY, 31st JULY, 1894.

BAROMETER, WIND AND SEA.

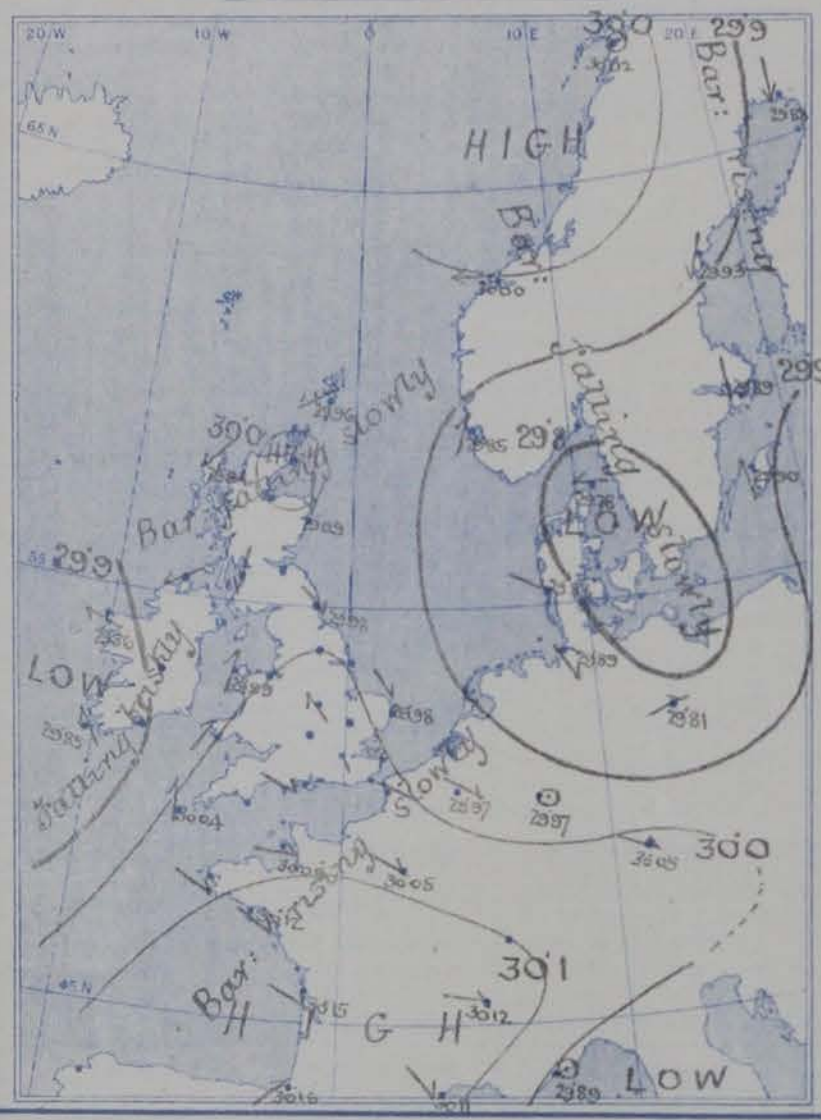
BAROMETER—Isobars are drawn for each tenth of an inch.

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

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

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

SEA—Rough ▭ ; *High* ▭



TEMPERATURE & WEATHER.

TEMPERATURE—Isotherms are drawn for each 10°.

WEATHER—Shown by Letters of the Beaufort Scale.

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

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

STATIONS.	PRESSURE AT 8 A.M. (20 years 1871—90). (*Inches.*)	TEMPERATURE. (20 years 1871—90).				RAINFALL. (25 years 1866—90). (*Inches.*)	BRIGHT SUNSHINE. (10 years 1881—90).	
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.		Hours.	Per cent. of possible.
		°	°	°	°			
Sumburgh Head	29·784	53·1	51·5	57·4	48·0	2·27	—	—
Stornoway	29·795	55·5	53·6	60·2	48·9	3·02	145·1	27
Wick	29·806	55·8	53·5	61·8	48·7	2·34	—	—
Nairn	29·815	56·7	53·3	64 3	50·9	2·59	—	—
Aberdeen	29·826	57·5	53·9	63·9	50·6	2·78	171·2	33
Leith	29·844	58·4	54·9	66·7	51·2	2·85	—	—
Shields	29·867	58·3	55·0	64·1	52·2	2·66	—	—
Spurn Head	29·900	59·5	56·8	65·1	55·2	1·74	—	—
York	29·901	59·2	55·9	68·7	51·9	2·70	161·6	32
Loughborough	29·928	61·4	57·6	71·5	52·6	2·34	—	—
Ardrossan	29·856	57·3	54·6	63·5	52·8	2·91	—	—
Donaghadee	29·877	57·4	55·5	63·2	51·8	2·82	—	—
Holyhead	29·910	58·1	55·8	63·8	54·3	2·40	—	—
Liverpool	29·906	59·4	55·6	65·9	54·2	2·96	—	—
Parsonstown	29·913	58·1	54·8	66·4	51·5	2·96	147·1	29
Valencia	29·935	58·9	56·4	64·0	53·6	3·90	157·5	32
Roche's Point	29·932	58·8	55·9	66·1	53·2	3·29	—	—
Pembroke	29·936	58·0	56·0	62·5	54·8	2·54	202·1	41
Scilly	29·974	60·2	58·1	64·4	56·2	2·46	—	—
Prawle Point	29·987	59·6	57·3	64·5	53·7	2·24	—	—
Jersey	30·001	62·0	58·9	68·3	56·2	2·40	230·4	48
Hurst Castle	29·968	61·1	58·8	67·8	55·5	2·20	—	—
Dover	29·957	61·9	58·4	66·8	56·3	1·95	—	—
LONDON	29·957	62·0	57·8	72·4	54·0	2·38	175·1	36
Oxford	29·946	60·0	56·6	69·6	53·4	2·58	189·2	38
Cambridge	29·937	61·3	57·7	71·9	52·2	2·42	195·0	39
Yarmouth	29·929	60·9	57·8	66·6	54·9	2·85	—	—

GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.1 ins. and upwards in an anticyclone lying over Spain, France, and the Bay of Biscay, 30.0 ins. and upwards in another system off the W. of Norway.

Lowest 29.8 ins. and less in a shallow depression over Denmark, and the extreme S. of Sweden, 29.9 ins. and less in another disturbance off the W. of Ireland.

Gradients slight and irregular. Barometer rising in France, the Netherlands, and the SE. of England, as well as in Sweden. Falling elsewhere, briskly in the S. of Ireland.

TEMPERATURE

Highest (1) 72° at Lisbon, 70° at Nice, (2) 69° at Skagen and 65° at Jan. (3) 68° at Liverpool and 64° at Aldrossan.

Lowest (1) 50° at Bodo, 52° at Haparanda, and 55° at Hamosand. (2) 54° at York, 55° at Wick, and 56° at Aberdeen.

The maxima registered over our Islands yesterday were between 65° and 70° in most places, but at Oxford the thermometer reached 71°, while at Parsonstown it rose to 74°.

WIND

Light from the S. on our W. coasts, but from the E. or NE. in the north.

Light to moderate from the W. to NW. over France, Germany, the Netherlands, and the S. and SE. of England.

Moderate to strong from the N. to NW. over the greater part of Scandinavia.

WEATHER

Very variable, dull over the greater part of the United Kingdom, with mist at several of the English Stations, and with rain in the West and S. of Ireland. Fine in Sweden, Denmark and north Germany, as well as in the S. of France, raining at Berlin and Brussels. Heavy rain fell yesterday in Holland and S. Germany, and small quantities at some of our more S. and SE. stations.

SEA

Slight or smooth generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression off the W. of Ireland seems likely to move slowly Eastwards, and will probably occasion rain in most parts of the United Kingdom, with thunder in places.

FORECASTS

For the 24 hours ending at NOON on 1st August. 1894.

DISTRICTS.		FORECASTS.
0	SCOTLAND NORTH	NE. winds, light; fair generally.
1	SCOTLAND EAST	E. and NE. winds, light; fair to unsettled. Some rain, perhaps thunder.
2	ENGLAND N.E.	Wind backing to the S.; fair to unsettled, with rain - perhaps thunder.
3	ENGLAND EAST	
4	MIDLAND COUNTIES	
5	ENGLAND SOUTH	
6	SCOTLAND WEST	Same as Nos 1 & 2.
7	ENGLAND N.W.	SE. winds, light or mod.; fair to unsettled rain, perhaps thunder.
8	ENGLAND S.W.	S. winds, freshening, dull, rainy thunder locally
9	IRELAND NORTH	Same as No. 7
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	— None issued. —

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

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

YESTERDAY'S 2 P.M. REPORTS.

	BAR.	THER. Dry.	THER. Wet.	WIND. Direc.	F.	WEA.	SEA.
Skudesnaes ...	29·93	67	60	NW	4	b	2
Sumburgh Head	30·04	59	55	NNE	1	o	1
Stornoway	30·05	62	60	E	4	b	4
Aberdeen	30·06	66	59	NNW	2	b	3
Shields	30·05	63	58	N	3	bc	2
Ardrossan	30·02	67	65	WSW	1	bo	1
Malin Head ...	30·05	59	58	E	1	o	o
Belmullet	30·07	63	61	N	2	o	#
Holyhead	30·07	64	61	NNW	2	bm	1
Valencia	30·10	61	59	W	2	om	2
Scilly	30·07	64	62	NNW	3	of	3
Jersey	30·04	64	61	N	4	c	3
Hurst Castle ...	30·00	66	63	N	1	c	1
Dungeness ...	29·94	62	60	NE	3	r	2
North Foreland	29·94	61	59	NNE	5	o	4
London (Westminster)	29·99	65	58	NNW	2	o	#
Yarmouth ...	29·96	63	58	NNE	4	c	4
Rochefort ...	30·16	67	64	NNW	4	b	#

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

Weather in morning fine at several of our own western and northern stations, but dull over the Central and Southern parts of England, with slight rain in London and at Jersey. Fine over the greater part of the Continent, but dull at most of the Russian stations, and rainy at Munich and Barcelona. Showers falling during day in the east and southeast of England, and heavy rain at the Helder and Munich, but weather improving temporarily in many parts of the United Kingdom.

Temperature fallen in most countries. Morning readings highest 86° at Brindisi, 85° at Athens and 81° at Patras; above 70° over Southern Europe generally and also over North Germany. Lowest (1) 49° at Bodo, 50° at Kuopio, and 54° at Haparanda and Ulealborg; (2) 53° at Leith and 50° at Shields. Rising during day to between 65° and 70° in most parts of the United Kingdom, and reaching 74° at Parsonstown. Daily maxima below 65° over the north of France, but thermometer rising to 84° at Nice and also at Berlin.

Wind light from the N^d or NE^wds over the greater part of our islands, moderate to fresh from the W^wd or NW^wd in the west and south of France, light from the SW^wd or S^d in Germany. N^ly or NW^ly over Scandinavia and Russia; variable in Austria, Italy and Algeria; N^ly or NE^ly in Spain. Cyclonic circulation of light breezes appearing later over Ireland; no important change occurring in other parts of Western Europe.

Barometer Highest 30.1 ins and upwards in an anticyclone of very irregular form spreading in from the Atlantic over Ireland, the Bay of Biscay, the northern parts of the Spanish peninsula and the southern parts of France and Germany. Lowest 29.5 ins and less in a large depression over the Northern parts of Russia, 29.9 ins and less in a small shallow system off the Southeast of England. Latter system moving away to the East later, but barometer beginning to fall again in the West and North of our 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 made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands (as a rule) and France, 8 p.m. at Oxford, in Sweden, Norway and Germany, and 9 p.m. in Belgium. 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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ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
2	The Helder	30·31	66	ENE	1	b	30·26	-·15	71	68	+10	ESE	1	b	1	b		72	61	-
..	Corunna	30·26	75	N	5	o	30·36	?	65	65	-6	W	5	r	1	o	-	79	61	-
3	Brussels	-	-	-	-	-	30·15	-·07	61	-	-19	WSW	4	o	-	r	-	89	56	0·16
..	Corunna	30·25	65	NW	4	o	30·34	-·02	67	58	+2	NE	6	bc	4	o	-	67	55	-
4	Corunna	30·25	66	NE	6	b	30·12	-·22	65	62	-2	NW	5	b	5	b	-	68	57	-
5	Brussels	-	-	-	-	-	30·24	+·09	64	-	+3	ENE	1	b	-	b	-	70	49	-
..	Corunna	30·02	69	N	5	bc	30·04	-·08	60	60	-5	NW	4	f	3	bc	-	73	54	-
6	Corunna	30·06	66	NNW	5	f	30·10	+·06	65	62	+5	NNW	4	c	4	f	-	66	57	-
9	Corunna	30·25	66	NNW	4	b	30·21	-	66	65	-	WNW	1	o	4	b	-	66	52	0·04
10	Corunna	30·15	67	W	3	c	29·80	-·41	66	66	0	SW	6	r	3	c	-	68	59	0·16
11	Brussels	-	-	-	-	-	29·19	-·54	61	-	0	SW	5	o	-	r	-	72	57	0·39
..	Corunna	29·93	65	NW	5	c	29·97	+·17	65	60	-1	SW	4	o	4	c	-	66	54	-
12	Haparanda	29·65	61	E	2	b	29·73	+·10	64	56	-3	E	4	b	r	b	-	75	59	-
..	Hernösand	29·61	63	N	0	b	29·50	-·13	66	60	+2	NE	6	b	-	b	-	73	54	-
..	Stockholm	29·49	66	E	2	o	29·30	-·35	62	61	-1	SW	2	o	-	o	-	75	57	0·59
..	Hisby	29·41	68	SE	4	r	29·43	-·21	63	59	-1	SW	8	c	-	r	-	79	55	0·39
..	Corunna	29·91	61	SW	6	o	29·99	+·02	59	58	-6	W	6	r	4	o	-	70	55	0·12
13	The Helder	29·52	61	SW	5	c	29·75	+·34	60	-	+1	SW	6	c	4	c	-	64	59	0·28
..	Brussels	-	-	-	-	-	29·82	+·36	60	-	-1	SSW	5	o	2	b	-	62	52	0·20
..	Belfort	?	68	SW	5	bc	?	?	63	-	-	W	2	c	-	bc	-	72	53	-
..	Corunna	29·98	66	WNW	6	bc	29·94	-·05	65	60	+6	W	5	o	5	bc	-	70	55	0·04
14	Corunna	30·44	68	N	3	c	30·45	+·51	68	66	+3	NE	3	c	1	c	-	75	65	0·04
16	Corunna	30·27	63	NW	5	o	30·29	-	66	-	-	NW	4	o	4	o	-	66	57	-
17	Bodö	29·56	66	N	1	b	29·49	-·24	64	57	+4	ENE	2	bc	1	b	-	66	55	-
..	Christiansund	29·62	59	NNW	2	o	29·54	-·11	57	55	-3	NNW	2	f	2	o	-	63	57	-
..	Corunna	30·29	69	NW	1	b	30·29	·00	66	64	0	NW	2	o	1	b	-	70	59	0·04
18	Haparanda	29·42	58	E	2	o	29·41	-·14	61	59	-1	S	2	c	-	o	-	?	54	2·32
..	Hernösand	29·41	62	SW	2	bc	29·40	+·06	61	59	+2	SW	4	o	-	bc	-	72	53	1·93
..	Stockholm	29·54	60	S	2	o	29·54	-·01	64	59	+5	SW	4	c	-	o	-	72	55	-
..	Hisby	29·63	60	SW	8	c	29·64	-·08	62	58	0	WSW	4	b	-	c	-	66	55	-
19	Brussels	-	-	-	-	-	29·76	-·01	51	-	0	WSW	3	o	-	o	-	66	53	0·04
	Corunna	30·19	67	SSW	4	o	30·18	-·02	65	63	-2	NW	3	o	3	o	-	70	57	0·40
20	Corunna	30·16	65	NNW	5	b	30·10	-·08	68	63	+3	NW	4	b	3	b	-	68	54	-
21	Corunna	30·07	67	NW	5	o	30·09	-·01	74	64	+6	W	1	bc	2	o	-	72	59	-
23	Corunna	29·84	69	W	6	r	29·89	-	62	60	-	NW	5	o	6	r	-	70	55	0·79
24	Yanö	29·88	67	ESE	2	c	29·97	+·03	66	64	+3	N	0	b	-	c	-	79	59	-
..	Belfort	?	79	SE	1	o	?	?	69	-	-	W	1	c	-	o	-	86	64	0·51
	Perpignan	29·82	75	SE	2	o	29·93	+·04	67	-	-5	SW	2	o	-	o	-	85	65	-
..	Corunna	29·96	63	NW	5	o	30·05	+·16	60	59	-2	NW	5	o	4	o	-	64	52	0·08
25	Corunna	30·08	65	WNW	6	bc	30·15	+·10	63	59	+3	WSW	6	r	3	bc	-	66	54	0·12
26	Corunna	30·19	65	WNW	6	bc	30·08	-·07	68	63	+5	SW	6	o	2	bc	-	68	57	0·12
27	Corunna	30·08	74	SW	4	o	30·04	-·04	71	64	+3	N	3	c	2	o	-	75	57	-
28	Corunna	29·99	70	NW	4	c	30·12	+·08	67	63	-4	NW	5	bc	2	c	-	70	59	-
30	Skudesnaes	29·95	60	NNW	7	b	29·92	-·16	61	57	-1	NNW	4	b	2	b	-	64	57	-
..	Corunna	30·29	66	NW	5	c	30·26	-	66	60	-	N	4	b	1	c	-	66	52	-
31	Corunna	30·20	66	N	5	b	30·14	-·12	62	59	-4	NE	4	b	1	b	-	66	50	-

REPORTS FOR JULY 1894.

2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING. (See note at bottom of last page.)					THIS MORNING. (See note at bottom of last page.)									PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9.)	Weather.	Hours of Bright Sunshine.	Temp.		Rainfall.
		At 32° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12.)		At 32° Fahr. and M. S. L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12.)					Max.	Min.	
		Ins.	°				Ins.	Ins.	°	°	°							°	°	Ins.
1	Prawle Point	-	-	-	-	-	30·16	-·12	-	-	-	-	-	-	-	-	-	-	-	-
2	North Foreland	30·20	64	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14·5	-	-	-
-	Cape Gris Nez	30·19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·03
"	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·10
4	Pembroke	-	-	-	-	-	30·19	-	-	-	-	-	-	-	-	-	-	-	-	-
-	Hurst Castle	30·17	-	-	-	-	30·20	+·05	-	-	-	-	-	-	-	-	-	-	-	-
"	Hurst Castle 2pm	-	-	-	-	-	30·21	-	-	-	-	-	-	-	-	-	-	-	-	-
6	York	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-
-	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-
"	Pembroke	30·03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-
-	Belmullet	29·84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·05
"	Pembroke	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61	-	-
8	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6·5	-	-	-
9	Belmullet	-	-	-	-	-	29·81	-·10	-	-	-	-	-	-	-	-	-	-	-	-
11	Holyhead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	70	-	-
"	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	-	-
12	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-
-	Hurst Castle 2pm	-	-	-	-	-	29·53	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Donaghadee	-	-	-	-	-	29·44	+·14	-	-	-	-	-	-	-	-	-	-	-	-
14	Parsonstown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45	-
15	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7·4	-	-	-
17	Yarmouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55	-
20	Aberdeen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5·9	-	-	-
"	Berlin	29·73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rain
23	Prawle Point	29·82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	Roche's Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	-	-
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·05
25	Parsonstown	-	-	-	-	-	-	-	-	-	-	SW	-	-	-	-	-	-	-	-
"	Aberdeen 2pm	-	-	-	-	-	-	-	58	-	-	-	-	-	-	-	-	-	-	-
26	Hurst Castle	-	-	-	-	-	29·89	-·06	-	-	-	-	-	-	-	-	-	-	-	-
"	Oxford	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-
"	Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·36
27	Leith	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-	-
28	Dungeness	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	-
29	Hurst Castle	-	-	-	-	-	29·99	-·07	-	-	-	-	-	-	-	-	-	-	-	-
30	Valencia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8·8	-	-	-